



Tenth Annual Virginia Architectural Arts Edition

NOVEMBER 1962

35 CENTS

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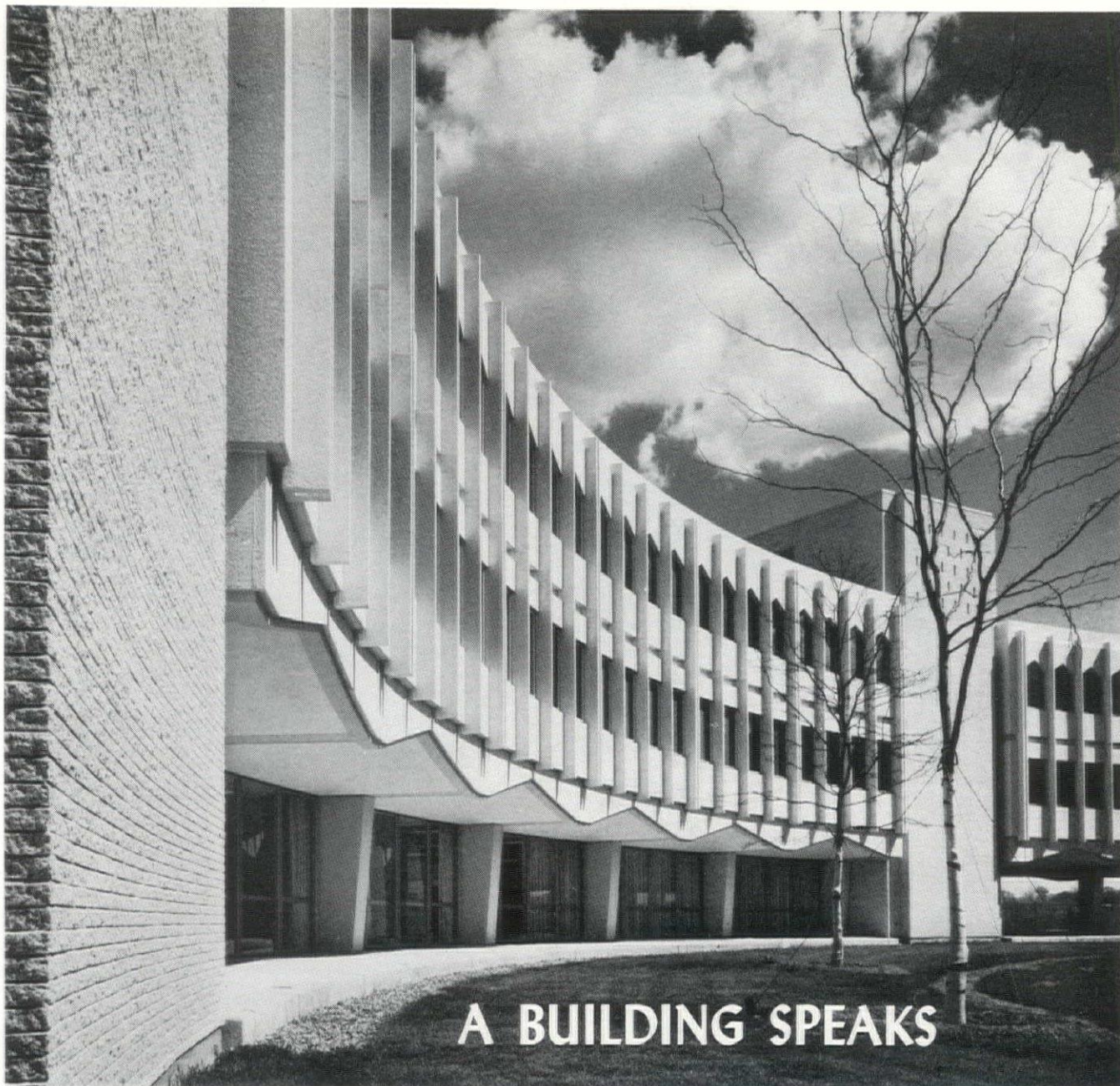
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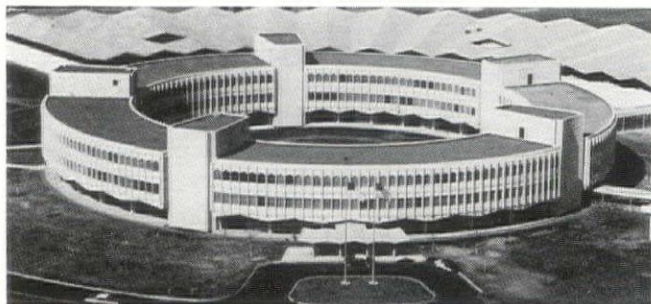
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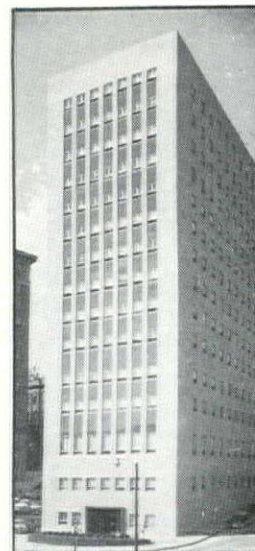
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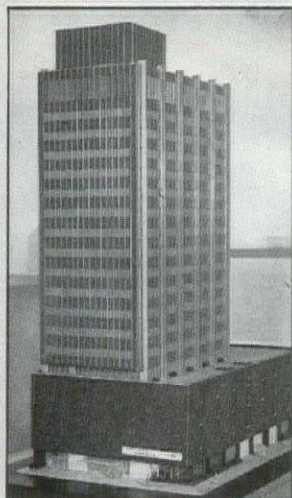
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North Carolina
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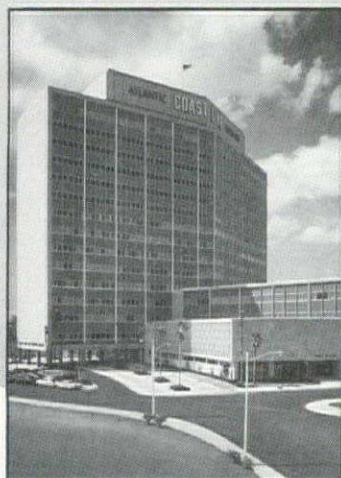
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VOLUME LXXXIV

NOVEMBER 1962

NUMBER ELEVEN

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COVER NOTE:

The new Federal Office Building, designed by Marcellus Wright & Son and Merrill C. Lee, represents a tremendous stride in Richmond's architectural progress. Cover story is on page 17.

Both our front and back covers in this issue delineate notable anniversaries—for this marks the tenth anniversary of the Annual Architectural Arts Review, as noted on our front cover; and it is also the tenth anniversary year of the inception of the Tectum Corporation and its service to the construction industry, as shown on our back cover.

"I Hate To See That Evening Sun Go Down"

RECENTLY AT A LARGE DINNER-PARTY, attended by financiers and industrialists from various parts of the country, I happened to be seated between a couple from Dallas. Having visited friends in Dallas and spent some time in Texas, I was prepared to do my part in devoting the conversation exclusively to the goings-on in the visitors' habitat. Avoiding the obvious references to such as Nieman, Marcus, I dredged from memory the names of people from graduates of Highland Park High School to the brother and sister-in-law of the late Colonel John W. Thomason, and nothing produced what might be called a conversational flow. Finally, when the table was being cleared for dessert, the gentleman fixed me with a baleful gaze and said, in a tone of cold accusation, "What do you people around here do for entertainment?"

Surprised and unprepared, I tried to divert him by saying, "Oh, I suppose the natives entertain themselves by talking about other people."

The man from Dallas was not to be diverted. "I read your paper this afternoon"—it was Saturday—"to find something my wife and I could do over the weekend. We can visit museums which close at five, and some do not open on Sunday, and we can visit cemeteries. There are some movies we passed up when they showed in Dallas, but no art theatre or foreign films. We decided to stay in and look at television, and all we could find was baseball, bowling and wrestling. I found a green section in the paper that gave your television schedule for the coming week. I looked through that out of curiosity and you don't even seem to have an educational channel."

Still trying to get him back to Dallas, I asked, "How does yours work?"

"The same as our symphony orchestra—by subscription. The Dallas people subscribe because they demand such things." Then, as I had shown familiarity with his part of the country, he gave what he knew I would recognize as a Dallasite's deadliest insult. "You're more like Fort Worth here."

"We don't have the stockyards," I said feebly.

"No, but you've got a cowcountry psychology. Why, before we came here tonight, we ordered a Scotch and soda, and we were told we must go to some alphabet store and buy a bottle. I asked if a bellboy could go for us and we were told the stores were closed. Then a bellboy came up and said he could bootleg us a bottle for twelve dollars. What's a visitor supposed to do?—stay in his room and drink out of a bottle? After a week of that, I'd be ready for Skid Row."

Mrs. Dallas asked rather anxiously, "Didn't you get reservations out on that noon plane tomorrow?"

"I did that," he said with grim satisfaction, "though I'm prepared to take off in a cornfield."

"Oh, we've got a nice airport, very modern."

"I suppose you have to keep those up-to-date for the people fleeing back to civilization."

It was hard to take this from some one from a new city between the barrens of East Texas and cowcountry, but there was really no defense.

Mrs. Dallas thought to ease the atmosphere that was growing somewhat

(Continued on page 86)

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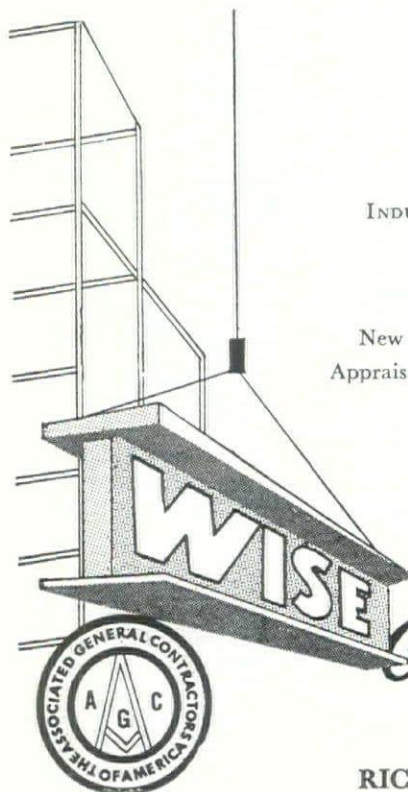
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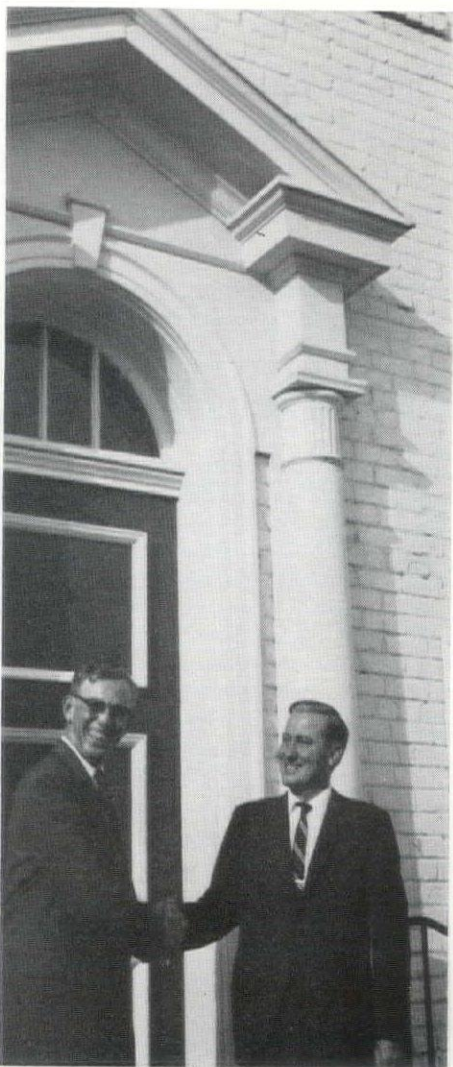
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NEWS

AIA VIRGINIA CHAPTER

KENNETH G. MACILROY AND FRED P. PARRIS have announced the formation of a partnership under the firm name of MacIlroy and Parris located at 3202 West Cary street in Richmond. Fred is a former President of the Virginia Chapter AIA. Both were at one time associated with Merrill C. Lee, FAIA. They are shown in the photo below in front of their new office at the time of the inauguration of the new firm.

(Continued on next page)



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AIA NEWS (from page 7)

THE VIRGINIA CHAPTER AIA will hold its winter meeting at the Chamberlin Hotel on February 7-8-9. Ben Britt will be chairman for arrangements. The Chamberlin has recently undergone extensive improvements and changes, for which Marcellus Wright & Son were architects.

ON NOVEMBER 1 the Virginia Engineering Company became known as the BASIC Construction Company. Company officials believe it more accurately expresses the company's wide experience and range of works. Architects working with the company on various projects were notified in a series of letters of the impending change.

DAVID WARREN HARDWICKE has changed the name of his Richmond firm to David Warren Hardwicke and Associates. Admitted as Associates in the firm are J. Calvin Holcombe, Tiffany H. Armstrong and G. Warren Vaughan. The firm plans a move this month to the Machinists Building at 3206 Cutshaw Avenue, which they designed.

NINETY VIRGINIA AIA members were on hand at the Thomas Jefferson Inn in Charlottesville last month for the fall meeting of the Virginia Chapter AIA. Dan Hopper, former Middle-Atlantic Regional Director of AIA was presented a plaque by Marcellus Wright, Jr., who held the same office, recognizing this service. Fleming Hurt, immediate past president of the Virginia chapter also received recognition in the form of a pipe rack presented by current President John D. Owen. (See page 13.)

(Continued on page 10)

W. G. BRANDT, JR., of Brandt & Morse, Consulting Engineers, Richmond, was electrical consultant for the Thyne and La Crosse Elementary Schools, featured in the September A.G.C. Review of *Virginia Record*. Credit was erroneously given to W. C. Brandy, Jr.

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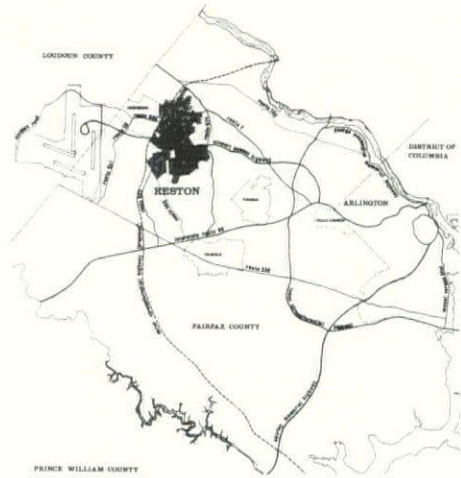


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THE MASTER PLAN for Reston (see above) was drawn by Whittlesey & Conklin of New York, who also designed the first village center. Cloethiel Smith and Charles Goodman of Washington have designed two separate housing clusters, and a third was designed by Robert Geddes of Philadelphia who also planned the riding stables and ring area. Edmund Ault, Washington landscape architect, designed the first golf course. As the satellite city develops, other architects will be invited to design other housing and facilities.

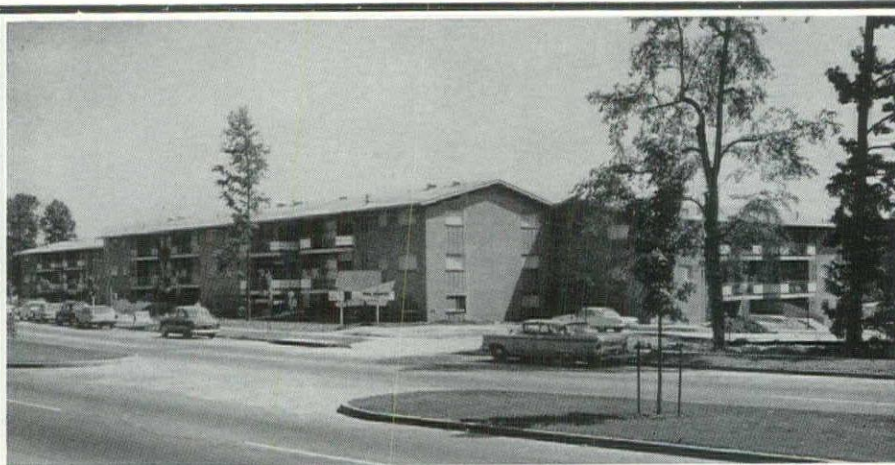
A new type of community designed expressly to attract and retain executives and employees of industry is taking shape on some 7,000 acres of rolling woodland near the Dulles International Airport in Fairfax County.

Known as Reston, Va., this first fully-developed satellite city in the United States will tackle industry's problem of keeping together its trained, experienced teams of scientific and engineering personnel by creating a diversified environment that will satisfy the leisure as well as the working needs of the entire family.

Robert E. Simon, Jr., New York realty investor and owner of Reston, developed this new approach after extensive examination of community planning in this country and abroad.

The guiding principle for Reston's development will be to offer such ideal living conditions that the community not only will serve as a magnet for industry but will also counter one of the major problems facing industry today: employee turnover.

(Continued on page 12)



Southside Apt. Success—HAMPSHIRE PLACE

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These spacious new apartments had 100% occupancy at time of completion. An additional 220 units are being constructed to meet popular demand. Air-conditioned, with balconies, walk-in closets, off-street parking, and 2 large swimming pools, they offer de luxe living at a budget price! Permanent financing is being provided through MIC. Paul Gordon Associates are the developers and rental agents.

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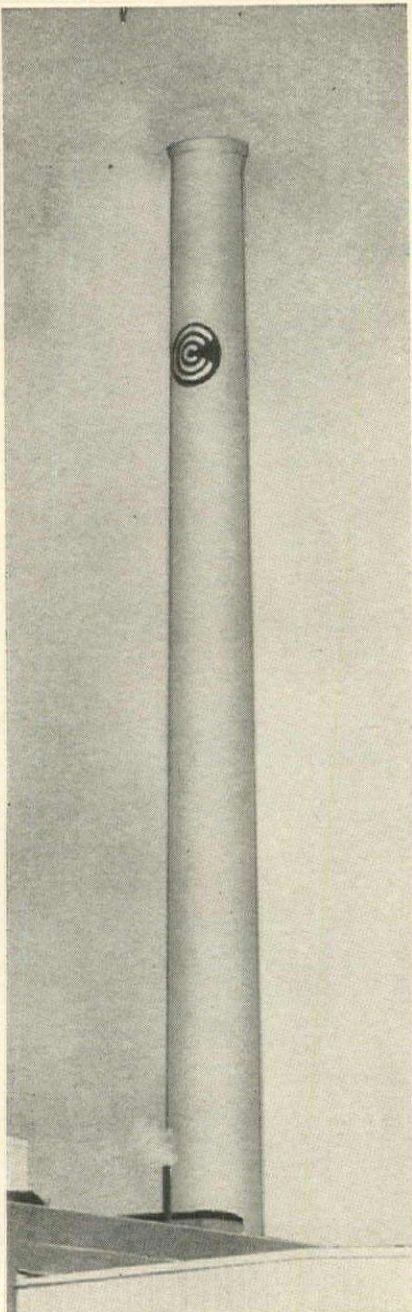
Members of the Virginia Chapter, American Institute of Architects met with the students and faculty of Virginia's two schools of Architecture (V.P.I. and Univ. of Va.) at the Thomas Jefferson Inn in Charlottesville on October 25-27.

Photo at top of the opposite page shows part of the group of 200 or more who heard a varied program on student relations and landscape architecture.

Second strip, left to right, shows three of the speakers on landscape architecture, Meade Palmer, Hideo Sasaki and Kenneth Higgins.

The third strip shows William B. O'Neal, who also spoke on landscape architecture, Elliott Carroll of the National Institute staff who spoke on Student Affairs, Robert C. Neale of Fiberglas; and Architectural Forum Editor Douglas Haskell talking with students during Ted Hamre's AA Wire Products Coffee Break.

Bottom strip shows Carl M. Lindner, Jr., and Cabell Ford deep in thought over some knotty problem; Gary Graham, Angela Grabow and Jose Camina listening to some of the architects in informal session, and Virginia Chapter AIA President John D. Owen breathing a sigh of relief at noon Saturday as the meeting ended.



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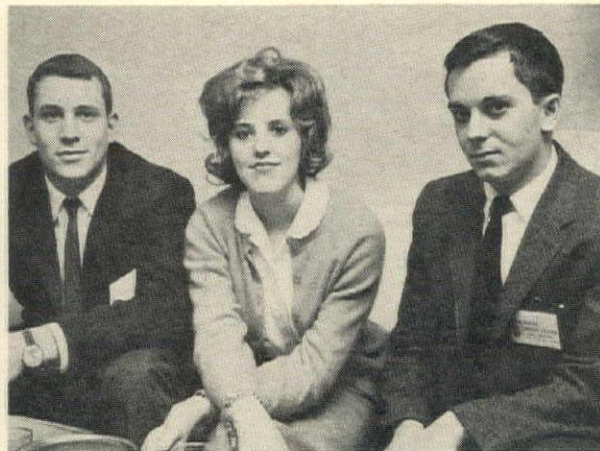
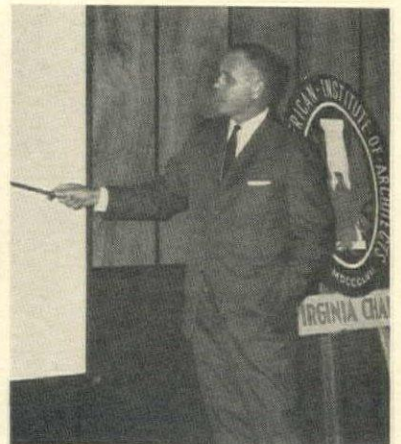
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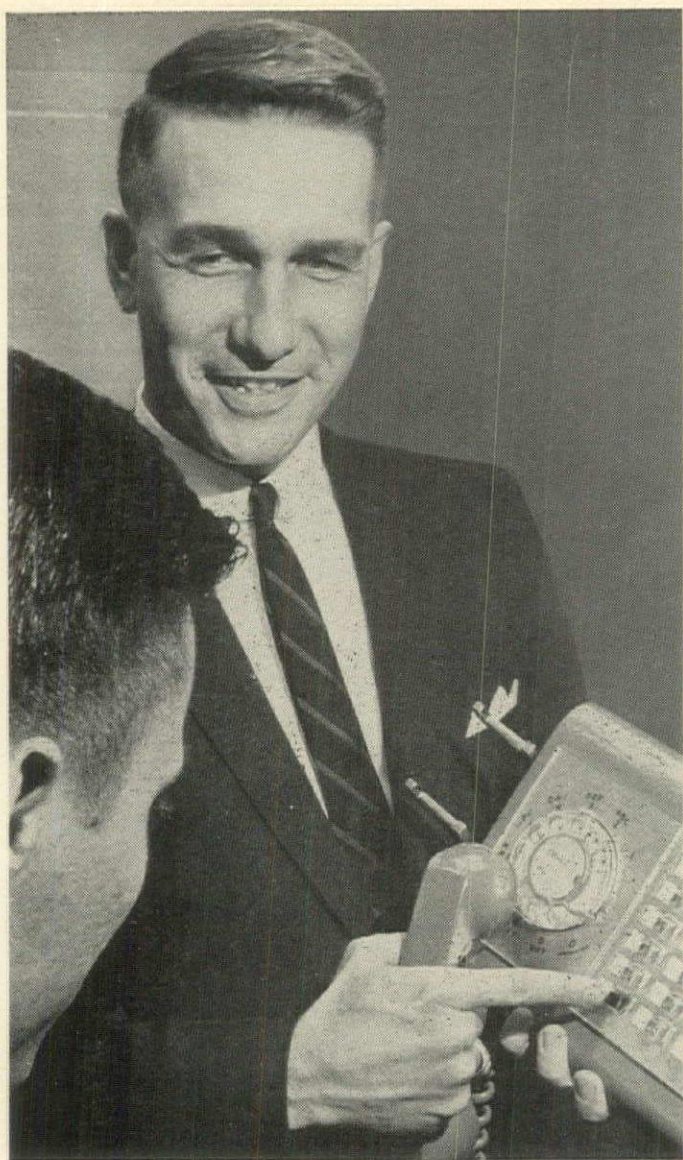
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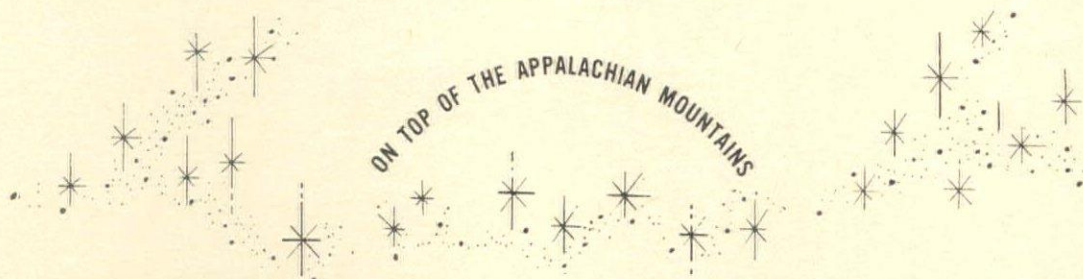


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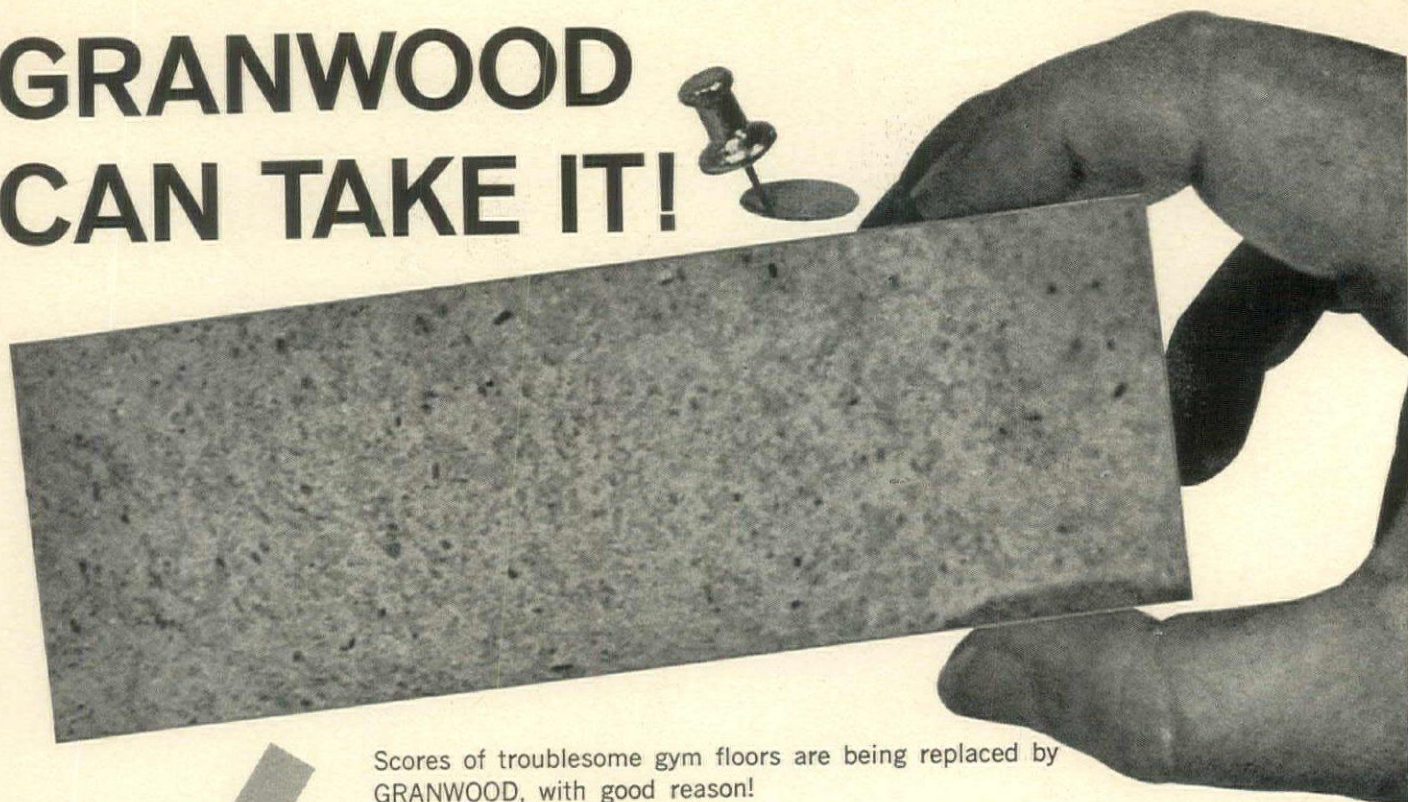


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WILLIAM ST. CLAIR: Engineering Consultant, Structural



● On March 21, 1962, the first day of Spring, the new Federal Building was officially dedicated by the Honorable C. Douglas Dillon, Secretary of the Treasury, before a distinguished company of guests and citizens.

After nine years of intensive planning and work by Federal and City officials, Architects, Engineers, Contractors and interested citizens, both the Richmond Civic Center and the Federal Building which forms the capstone of the western terminus of the center became a reality.

Marcellus Wright and Son and Merrill C. Lee were Associated Architects for the building, and Wise Contracting Company, Inc. was the builder.

The building is the largest single office structure in Richmond with a total gross area of 350,000 square feet. It contains 18 Federal Agencies utilizing 233,000 net square feet of office space and housing more than 1500 workers. The cost was an economical \$15.82 per square foot.

The entire structure was planned to accommodate all stated requirements without a single request for exception to any existing city zoning provision.

The frame is of reinforced concrete with limestone on the main faces and verticals. It rests near bedrock on cemented sand strata reached by 710 ninety foot long piles.

Mechanical services are located on the top floor with only a small elevator penthouse and the cooling tower on the roof. Both are concealed by a perforated terra cotta block screen wall.

Each floor has offices on all four exposures for optimum selection. The

mechanical services are housed in the center of the building in a core also containing all vertical circulation, leaving the desirable outer perimeter free for work space.

The structure was planned and built on a five foot module system. Each five foot unit around the perimeter of the building contains its own electric lighting strips, its own air conditioning and heating unit and its own outside window.

Windows are heavy first grade aluminum and each pivots 360 degrees to give complete opening when desired plus washing from inside. The window sills throughout are continuous and are two feet wide covered with plastic.

SUBCONTRACTORS & SUPPLIERS

G. C. Budd Corp., excavating; C. L. Guild Construction Co., Inc., East Providence, R. I., piling; C. E. Young Company, Salem, masonry contractor; Concrete Pipe & Products Co., Inc., masonry supplier; Service Steel Erectors Co., steel.

N. W. Martin & Bros., Inc., insulation, roofing; Empire Granite Corp., stone work; Michaels Arts Bronze Co., Inc., Covington, Ky., weatherstripping, handrails, windows, window walls; Binswanger Glass Co., glazing; Shaw Paint & Wall Paper Co., Inc., Norfolk, painting, plastic wall finish; Oliva & Lazzari, Inc., ceramic tile, terrazzo; Printz Floor Co., Inc., Arlington, resilient tile; Western Waterproofing Co., Inc., Charlotte, N. C., waterproofing.

Hampshire Corp., acoustical; Stowe & Denton, plaster; Pleasants Hardware, hardware; Miller Mfg. Co., Inc., millwork; E. C. Ernst, Inc., electrical work (Marlou fixtures); L. T. Zoby & Sons, Norfolk, (American-Standard) plumbing, air conditioning, heating and ventilating; Otis Elevator Co., elevators and dumbwaiters.

Steel doors and bucks were by Aetna Steel Products Corp. Work on foundations, concrete, and carpentry was done by the general contractor.

All are Richmond firms unless otherwise noted.

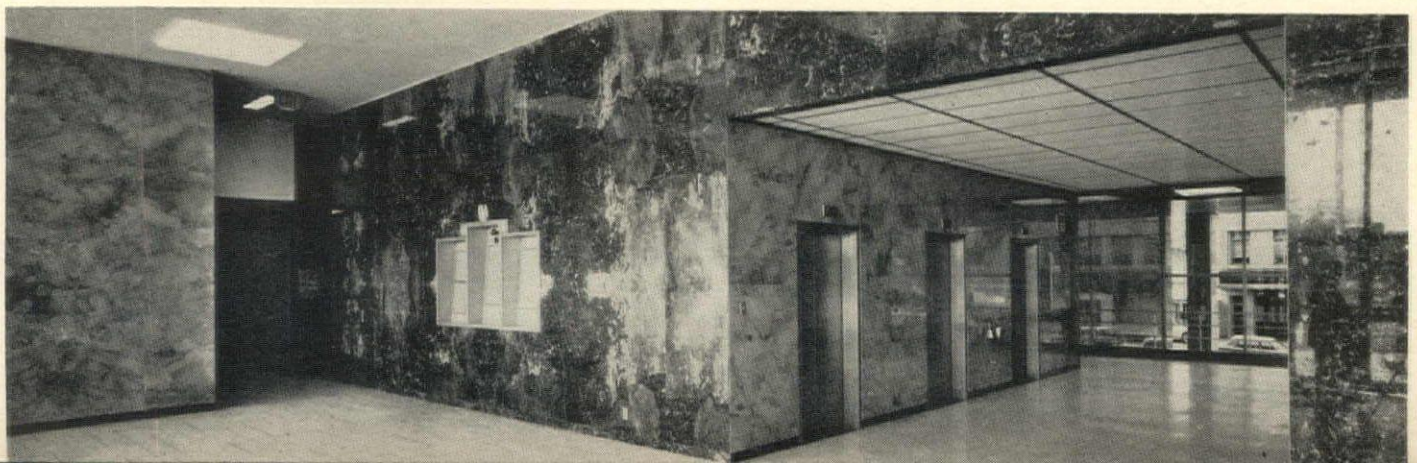
This was the first building to use glazed tile spandrel panels between windows. All perimeter columns were placed on the outside of the building for completely smooth interior walls allowing partition locations to remain flexible.

Also, most mechanical service piping was built into the outside walls between windows to minimize interference with possible partition changes. Glass areas were held within 30% of total wall area to produce economical capital investment and operation cost. Non-glare shaded special glass was used in all windows. Built-in pockets above the windows conceal all venetian blinds completely when drawn. Movable partitions and bank type low partitions were used within most offices.

The building is serviced by an inside truck loading dock. An offstreet driveway and 200 foot long covered waiting area relieves street traffic congestion and protects employees and visitors from the elements.

Six automatic fully electronic elevators with latest fittings and controls provide vertical transportation to all 12 floors. The elevator lobbies and main corridors are protected by vinyl plastic wall covering floor to ceiling. All main floor lobby walls are covered with marble.

Exterior walks are exposed aggregate concrete for safer walking. The exterior walls where exposed to hand damage are of polished granite. Trees and other landscaping are so arranged as to leave the maximum areas free for heavy foot traffic around the building. ●





VIRGINIA BAPTIST BUILDING

MERRILL C. LEE & ASSOCIATES
Architects

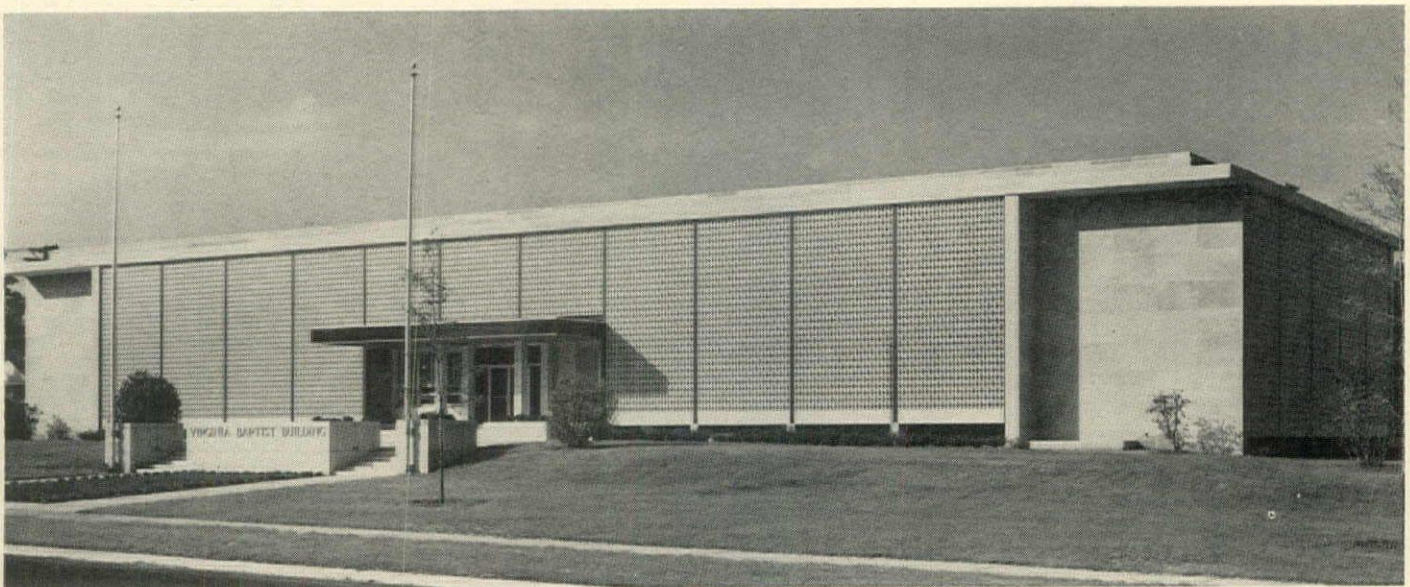
ROACHE, MERCER & FAISON
Engineering Consultants

DOYLE & RUSSELL
General Contractors

• The Virginia Baptist Building located on Monument Avenue at Willow Lawn just west of Richmond is the new headquarters of The General Board of the Baptist General Association of Virginia. Space in the building is also devoted to the executive offices of the Woman's Missionary Union and editorial offices of the Religious Herald.

Having outgrown all capacity of the former location at Foushee and Franklin, the Board initiated steps for purchase

Exterior views, day and night, show striking screen texture.



of property and planning for the new building in 1958. The Architect was brought into the picture at the start and has acted as adviser from property purchase through all phases of analysis, planning, design, construction, furnishing and decorating. The three years devoted to these activities have been rewarding to all concerned. Each individual, committee, and agency directly involved was allowed free reign to develop its area of special interest. Results were then organized into the final plan and design recommended to and approved by the General Board.

Site characteristics dictated a structure exposed on all sides with no unimportant walls. The main flow of daily traffic from the parking area demanded importance to what would otherwise be a "rear" entrance.

The general design objective was to achieve a simple dignity appropriate to the religious nature of the occupant yet appropriate also to the primary function of administrative offices. The simple rectangular form and solar screen "dress" seemed to best satisfy this general objective.

The solar screen wall with its $7\frac{1}{2} \times 7\frac{1}{2} \times 5$ inch thick terra-cotta units accomplishes a reduction of about 15 tons of cooling capacity in the air conditioning system. A continuous line of tube light fixtures creates a graded wall of light behind the screen.

Landscaping is intended to be secondary to the building and to provide relief in the parking area. Trees and plants will, in time, mature to this end.

In addition to the office space there is a small auditorium seating 125 persons for the regular meetings of the Board, a lounge, small coffee shop, conference rooms, and general service areas. A self service elevator serves basement, first and second floor and will be extended to the future third floor when added.

The future third floor will not have the solar screen wall. Windows will be protected by pierced openings in the actual building wall to be extended at the line of the present limestone parapet wall.

Doyle & Russell, Richmond, were general contractors and did the work on foundations, concrete and carpentry. Principal subcontractors and suppliers, all of Richmond, were as follows:

E. G. Bowles, excavating; Hammond Masonry Corp., masonry contractor, stone work; S & W Steel Co., Inc., steel; The Dages Co., steel roof deck; N. W. Martin & Bros., Inc., roofing; John J. Bagley, steel doors and bucks, windows; Binswanger Glass Co., glazing; Lane Bros., Inc., painting, plastic wall finish.

Also, Martin Tile & Marble Co., Inc., ceramic tile, terrazzo; W Morton Northen & Co., Inc., resilient tile, acoustical; J. A. Wilton, Jr., plaster; Pleasants Hardware, hardware; Miller Mfg. Co., Inc., millwork; Oliver Bros., Inc., electrical work; Harris Heating & Plumbing Co., Inc., plumbing, air conditioning, heating and ventilating; Virginia Elevator Co., Inc., elevator; Garrett & Co., paving; Laird's Nurseries, seeding and planting.

The cover for the August issue of *Virginia Record* featured an overall pattern made from a photo of the Solar Screen on the Virginia Baptist Building. The screen is formed of white glazed Solar Screen block from Arketex Ceramic Corporation and supplied by F. Graham Williams Company, Atlanta.

Below: Entrance and Lounge.



Above: Executive Secretary's Office.

Two New Residences



BROBST HOME NEAR ROANOKE

ROY E. COX
General Contractor

REID & CUTSHALL, INC.
Interior Design



● Designed by the Architectural Firm of Kinsey & Motley, the new residence of Doctor and Mrs. Henry Brobst and their two children, was completed in the fall of 1962. The home is located on a steep wooded lot in the Edgehill Estate section of Roanoke County, about five minutes drive from downtown Roanoke.

Due to the tremendous slope in the property from the rear to the front, the house is designed on six levels, thus nestling it into the side of the hill. Entrance to the front door is through a Japanese type garden court, enclosed by a brick wall and garden gate. Upon arriving in the stone floor entrance with 10' high ceiling, one can view to the left a suspended staircase of steel stringers and 2" thick treads with open risers, leading up to the master bedroom and study. Opening off the master bedroom and study is a cantilevered wood deck. A private two compartment bath and powder room opens into a foyer just off the master bedroom. To the right, just off the entry, and up four steps, are the dining room, kitchen, family eating area with built-in barbecue, and screened porch. On this level is also the spacious living room adjoining the screened porch. A planter and ornamental iron grille screens the living room from the entry. One wall each of the living room, dining room and entry is of exposed brick; the brick is of a very rough texture laid with a grape-vine joint. The entry, dining room and screened porch floors are of blue stone laid in random shapes. Through the screened porch, access is gained to the upper terrace. From the kitchen door a covered walk connects to the two car carport and large storage room.

From the entry and down a half flight of steps to the left are two bedrooms with compartment baths. From this level down five more steps are located the laundry area, storage, boiler room, and dark room. A projection hole is provided from the dark room to the recreation room. The recreation room, with fireplace and large window areas, opens on to a lower terrace which is screened from the street by a high brick wall.

Most interior walls are plaster. The living room has a sloping ceiling with exposed beams at 4' 0" o.c. The exterior is of brick, redwood clapboard (bleached) and exterior plywood panels. Crosstie walls and planters at various locations enhance the natural setting for the hillside house.

The house embraces approximately 3040 sq. ft. of enclosed living space and 1091 sq. ft. of porches, decks, carport, and storage areas.

The home is heated by baseboard hot water heat, with an oil fired boiler.

Roy E. Cox was general contractor, with the following subcontractors and suppliers, of Roanoke unless otherwise noted:

Charlie Overstreet, Vinton, excavating; Roanoke Ready Mix Concrete Corp., concrete; Old Virginia Brick Co., Inc., Salem, and Webster Brick Co., Inc., masonry suppliers; L. R. Smith, masonry contractor; Cates Building Specialties, Inc., steel; G. E. McDaniel Roofing & Sheet Metal Works, built-up roof; Graves-Humphreys, Inc., hardware, roof shingles.

Major Forest, Stony Mount, stone work; Skyline Lumber Co., Inc., windows, glazing, structural wood, millwork, wood flooring; Salem Paint Co., Salem, painting; J. A. Thompson, plastic wall finish, plaster; Geo. L. Webb, ceramic tile; Sink & Son Floor & Tile Co., Inc., resilient tile.

Hampshire Corp., acoustical; Bush Electric Co., Salem, lighting fixtures, electrical work; Progressive Products Corp., plumbing fixtures, plumbing and heating. Foundations, carpentry, waterproofing, weatherstripping, insulation were handled by the general contractor.

The general contractor, Reynolds & Smith Construction Co., Salem, also did the work on excavating, carpentry, paneling, waterproofing, insulation, acoustical and wood flooring. Principal subcontractors and suppliers, all of the Roanoke-Salem area were as follows:

Garst Construction Co., Salem; Roanoke Ready Mix Concrete Corp., concrete; Old Virginia Brick Co., Inc., Lightweight Block Co., Inc., masonry suppliers; Crotts Sheet Metal & Roofing Co., roofing; Major Forest, stone work; Huttig Sash & Door Co., windows.

Salem Glass Corp., glazing; Salem Paint Co., painting; Wirt & Conner Tile Co., ceramic tile; Sink & Son Floor & Tile Co., Inc., resilient tile; Stroud Weatherstrip Co., weatherstripping; Graves-Humphreys, Inc., hardware; McClung Lumber Co., Inc., and Carter Cabinet Co., millwork; Clayton G. Tinnell, lighting fixtures, electrical work; Owen Plumbing & Heating, plumbing fixtures, plumbing, air conditioning, heating and ventilating.



• The residence of Mr. and Mrs. Walter L. Lipes, designed by Kinsey & Motley, Architects, is located on a large sloping, wooded lot in the Stonewall Forest Section of Salem. The house is designed in the manner of the Federal Period.

The first floor contains a large entry hall with living room to the left and dining room to the right, a large family room with bar, kitchen with breakfast room, powder room, screened porch, laundry room, two car garage, and master bedroom with three compartment bath and dressing room.

The second floor which is accomplished with a French dormer in the rear contains three large bedrooms, two complete baths, storage rooms and hobby room. The basement, which is only partially excavated, contains a finished recreation room with adjoining card and game room, powder room, boiler room, freezer and storage room. The recreation room opens onto a lower terrace.

The entire house is air conditioned. The house embraces approximately 4622 sq. ft. of floor space, plus two porches and two car garage.

LIPES RESIDENCE IN SALEM

REYNOLDS & SMITH CONSTRUCTION CO.
General Contractor

CONSTANCE S. ENGLEBY
Interior Decorator





↑ CALDWELL-SITES COMPANY

• A new office addition to the warehouse of the Caldwell-Sites Company has recently been completed in Winchester. Shown above, it was designed by Keith Williams and Associates, architects, and built by the Hamman Construction Co. Inc., General Contractor. Rectangular in shape, it contains 3660 square feet and is two stories high. Of masonry and steel construction, it has masonry interior walls and a built-up roof. The windows are aluminum while the floor covering is vinyl asbestos.

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

Shenandoah Brick & Tile Corp., masonry supplier; Perry Engineering Co., Inc., excavating; Virginia Steel Co., Inc., Richmond, steel; Wine Sheet Metal Works, roofing; Pittsburgh Plate Glass Co., Hagerstown, Md., windows, glazing; Clarence Swisher, painting; Floor Shop, resilient tile; Manson & Utley, Inc., Charlottesville, acoustical; Miller Hardware Co., hardware; Blue Ridge Ornamental Iron Works, Inc., handrails; Raub Supply Co., light fixtures; Chandler Electrical Co., Front Royal, electric work; Lyle P. Strosnyder, plumbing and heating.

TWO NEW WINCHESTER BUILDINGS

KEITH WILLIAMS
& ASSOCIATES
Architects

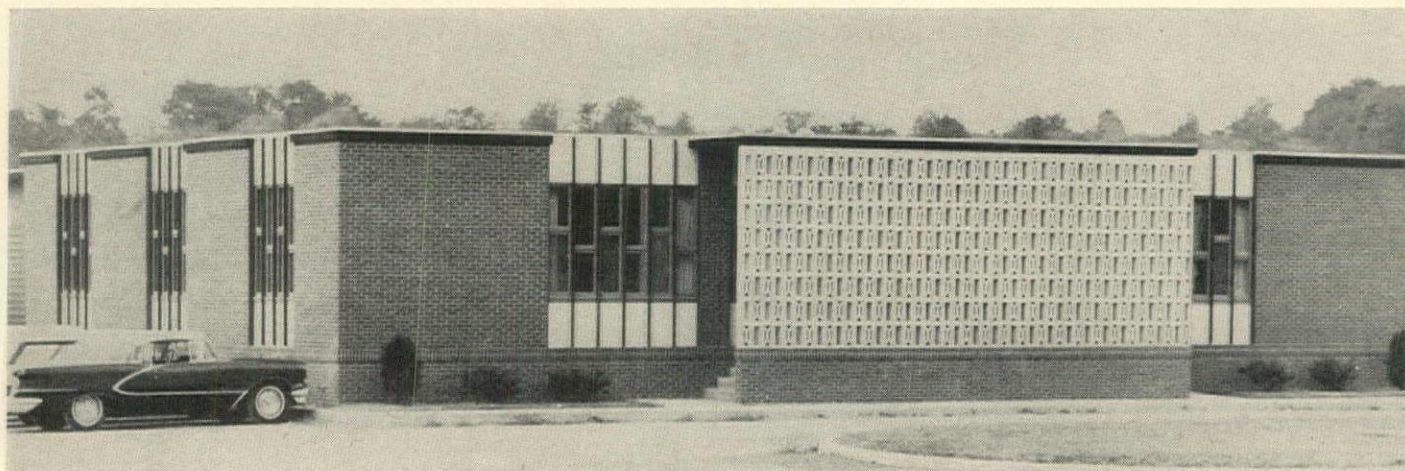
HAMMAN CONSTRUCTION CO., INC.
General Contractor

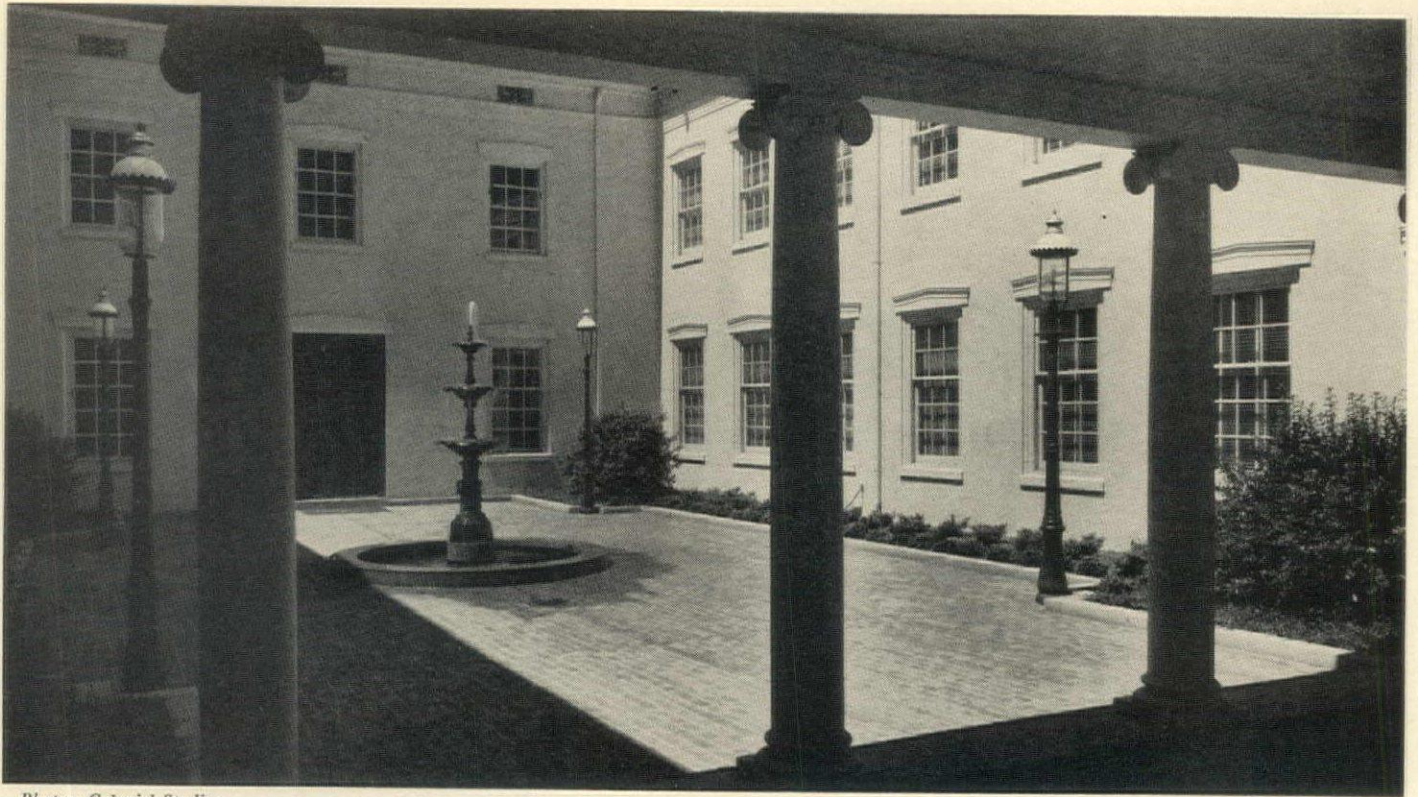
• Shown below is the new office and terminal building for the Allegheny Freight Lines which was completed last year. A one story building of 9270 square feet, it is constructed of masonry and steel with masonry interior partitions, built-up roof, Pella wood windows and vinyl asbestos finished floors. Hamman Construction Co. Inc., was the General Contractor for this project also.

Principal subcontractors and suppliers, all Winchester firms unless otherwise noted, included the following:

Perry Engineering Co., Inc., excavating; Shenandoah Brick & Tile Corp., masonry supplier; Virginia Steel Co., Inc., Richmond, steel; Orville C. Wine, roofing; E. W. Armstrong Co., windows; Clarence Swisher, painting; Commonwealth Tiles, Stephens City, ceramic tile; Floor Shop, resilient tile; Manson & Utley, Inc., Charlottesville, acoustical; Miller Hardware Co., hardware; John W. Rosenberger & Co., Inc., millwork; Raub Supply Co., lighting fixtures; Winchester Electric Service, Inc., electrical work; Miller & Anderson, plumbing and heating.

↓ ALLEGHENY FREIGHT LINES





Photos: Colonial Studios

ONE OF THE most delightful architectural additions to downtown Richmond in some years is the new brick paved court created at St. Paul's between the new Parish House and the Church proper.

Designed by Baskervill & Son, the new addition to the historic old building appears to be worthy of a more permanent status than some of its predecessors.

Several parish houses were built and outgrown. Additional property was acquired, and one store was remodeled as a makeshift Sunday School. It became increasingly clear that the parish house facilities failed to meet the needs of the Church, and a decision was made to demolish the present buildings and erect a new parish house.

The original St. Paul's Church was, of course, designed by the famous Greek Revival architect, Thomas S. Stewart, and was consecrated in 1845. Adjacent to the State Capitol, its members played prominent roles in the development of the city and state. General Robert E. Lee and President Jefferson Davis both were pew holders, and President Davis was attending services when he was informed of the imminent fall of Richmond.

Over the years, more and more of the Congregation moved to the suburbs, but a fierce loyalty to St. Paul's kept most of them active in the Church.

(Continued on page 73)

to tell the Virginia Story

ST. PAUL'S ADDITION COMPLETED

BASKERVILL & SON
Architects

TAYLOR & PARRISH, INC.
General Contractors



NEW NORFOLK APARTMENT BUILDING

Features Unique Structural System

LEAVITT ASSOCIATES
Supervising Architect
Structural Engineer

PAUL & JARMUL
Architects

GENERAL ENGINEERING ASSOCIATES
Mechanical & Electrical Consultants

BUSH CONSTRUCTION CO.
General Contractor

MAYER & CO.
Interior Design

● On Pembroke Avenue, overlooking The "Hague", Norfolk's scenic water park and the new Extension to Brambleton Avenue, the Pembroke Towers apartment building now has taken its place in the newly developing urban skyline of the city. It is the first modern high-rise apartment building in Norfolk and one of the tallest buildings in the city.

There are 169 living units, of three bedrooms, two bedrooms, one bedroom and efficiency types in the 12 residential floors of the building. The ground floor is occupied by the Lobby and Manager's Office, Parking Garage, Storage and Mechanical and Utility spaces. An 1800 sq. ft. swimming pool is provided on the site for the use of the tenants and their guests.

The building was planned in the shape of a "Y" to utilize an irregular



trapezoidal site and to minimize the walking distances of the dwelling units from the elevator-service core. As a result, no corridor exceeds 70 feet in length.

The apartments are large, approximately 1400 sq. ft. for a two bedroom living unit, and are air conditioned by a central, chilled water system serving individual room fan coil wall units. Except for a few efficiency type units, all apartments have balconies.

The structural system is of particular interest since a unique combination of structural steel and reinforced concrete was employed for the multi-story frame. Each material was used as indicated by the economics of the member in relation to the total system. As a result, structural steel floor beams were designed to "pierce" the reinforced concrete girders and thus eliminate the need for fabricated end connections.

Exterior walls are faced with brick; concrete block serves as back-up. Interior partitions are two inch solid studless wall-board and plaster set in runners. Steel studs are used for partitions which separate bearing units and to furr mechanical chases.

Although the site is well above normal high tides, the area is exposed to hurricane type flooding. A special high water barrier of reinforced concrete completely surrounds the basement and mechanical spaces.

Bush Construction Company, Norfolk, was general contractor, and did the work on excavating, foundations, concrete, carpentry, structural wood, millwork, acoustical and plaster. Principal subcontractors and suppliers included the following:

McLean Supply Co., Portsmouth, masonry supplier; Anchor Associates, Inc., Washington, D. C., masonry contractor; Globe Iron Construction Co., Norfolk, structural steel; Southern Steel Products of Carolina, reinforcing steel; Roof Engineering Corp., Norfolk, roofing, waterproofing.

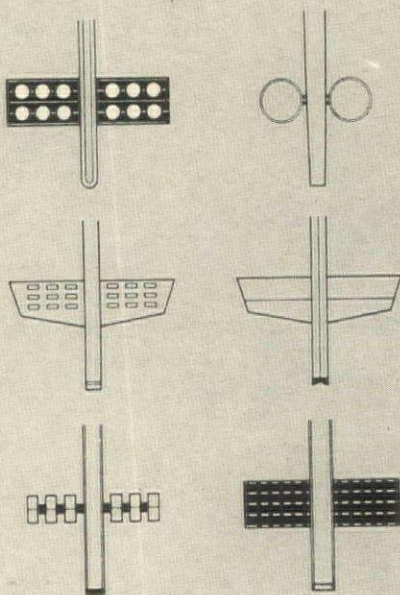
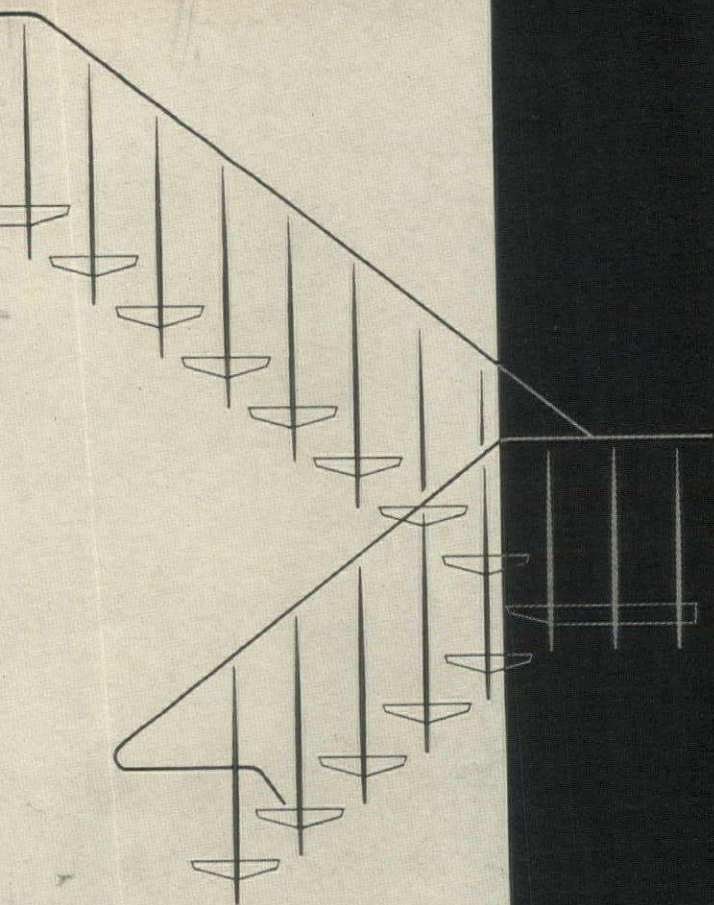
Walsh & Koehler Glass Co., Inc., Mt. Ranier, Md., glazing; Atlantic Painting Co., Aliquippa, Pa., painting; Ajax Company, Inc., Norfolk; ceramic tile, terrazzo; Printz Flooring Co., Inc., Arlington, wood flooring, resilient tile; J. F. Rountree, Norfolk, weatherstripping; Seaboard Paint & Supply Co., Inc., Norfolk, hardware.

National Electric Co., Washington, D. C., lighting fixtures; E. C. Ernst, Inc., Washington, electrical work; Harry M. Brown Plumbing & Heating, Norfolk, (American-Standard) plumbing, air conditioning, heating and ventilating.

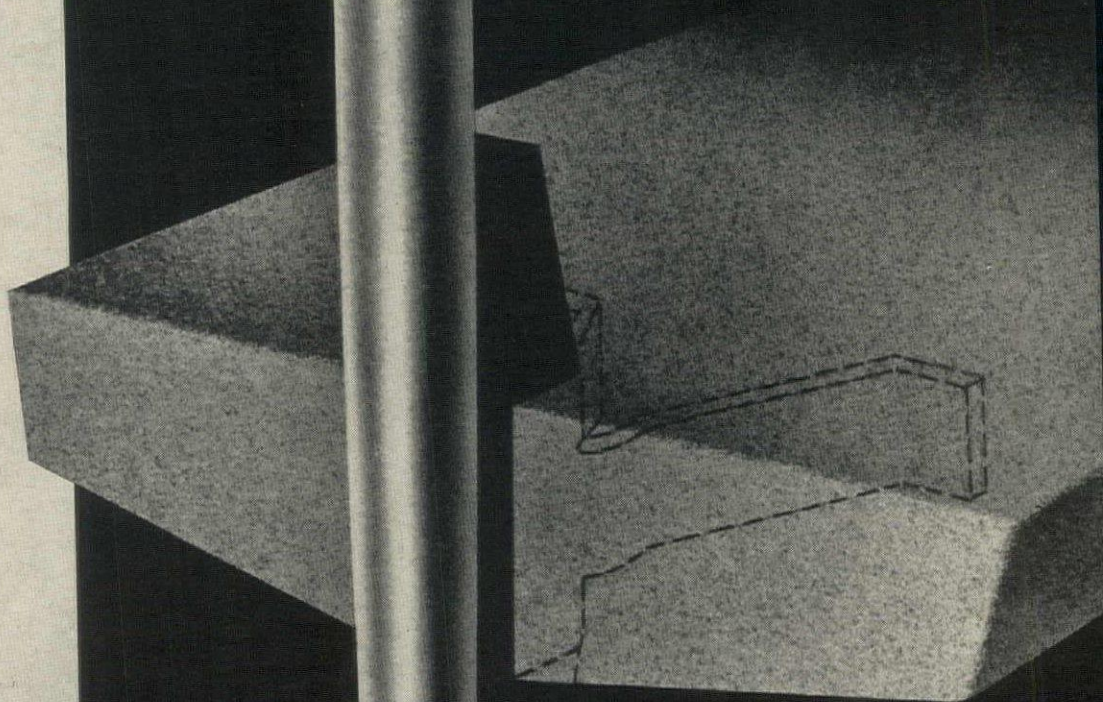
Windows were by Fenestra Corporation; steel doors and bucks, Williamsburg Steel Products; handrails, Sturdi-Metal Products.



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EXPANDABLE PREFABRICATED CHURCH IN CHESTERFIELD COUNTY

DAVID WARREN HARDWICKE & ASSOCIATES
Architects

L. T. HARDWICKE
General Contractor

THE CHURCH of the Redeemer, on Chippenham Parkway in Chesterfield County, is the first of many Mission Churches that have been built by the Diocese of Virginia and the Diocese of Southern Virginia.

The problem facing the above named Dioceses was how to fulfill the missionary obligation to a shifting population in providing adequate facilities for worship and parish life within the realm of sound stewardship. This may be in rapidly growing areas or places of sparse population. The need is great for places of worship, not a cathedral yet a real church home, for the people of any given community. From our studies it was clear that church and parish house facilities both are necessary for the development of a full parish life. With our short experience we feel these buildings provide an ample physical plant to carry out the mission of the Church in any given community.

In these rapid growing areas or places of sparse population, it is hard to know just what the future permanent needs of any given congregation will be. Indeed, can anyone say what will be the needs five years from now when 30 per cent of our population moves every year? Knowing these facts

the plans have been developed so that the Church facilities can be expanded. This expansion was made possible by the method of construction whereby all exterior and interior walls can be re-used in any location. The Church Nave can be expanded on twelve foot sections due to supporting beams. The parish house can be expanded on four foot modules (width of wall panels) in any direction and since the parish house partitions are non-bearing, the classroom size may be enlarged or decreased to meet the changing needs of the parish.

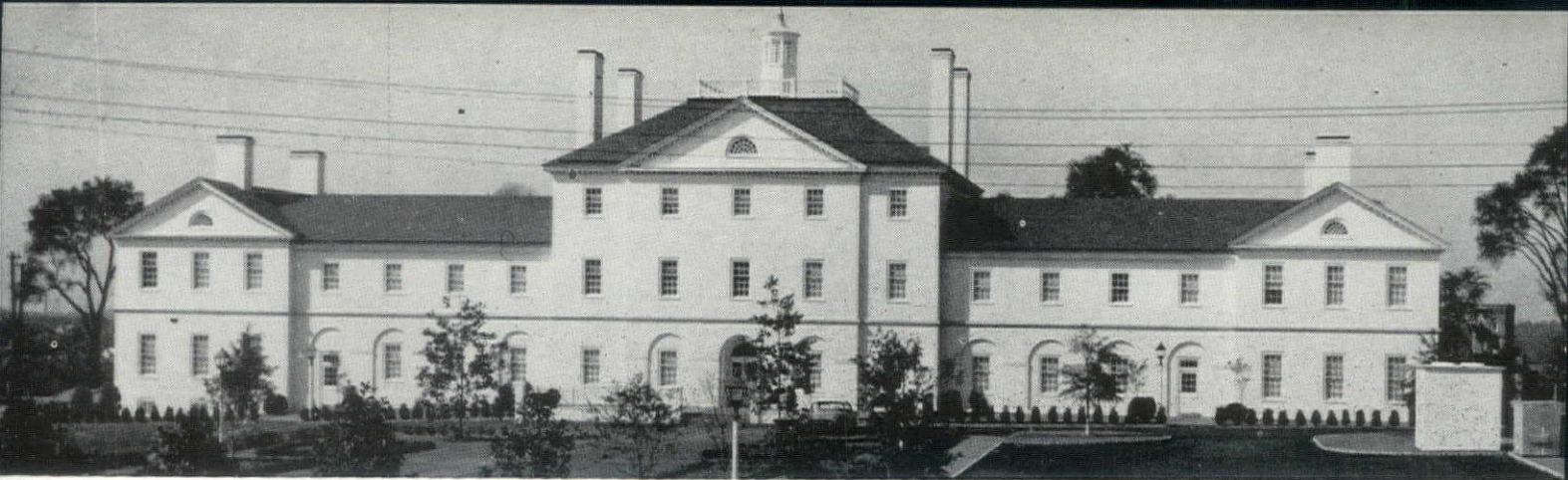
This points out the great versatility of these facilities. For example, in one church the plans have been reduced in size to meet the needs of a small rural congregation. In another, they have been widened for side aisles and storage shelves in the parish house. In another, the walls are exposed masonry with a smaller number of classrooms and a larger hall for community activities.

Prefabricated panels and precut members are the basic mission church building components. The inherent versatility and adaptability of these building components provide the designer with latitude in the selection of finish materials and employment of

new ideas. Due to this latitude it would be impossible to cover all the construction possibilities of the mission churches so we will discuss the basic construction and finish used.

The floor construction is a concrete slab placed on compacted earth with a plastic vapor barrier between the slab and ground. Resilient floor tile is then placed on the slab as the finish flooring. Wall panels are prefabricated in a woodworking mill and shipped to the job site ready to be erected. All windows and doorways are built into the panels. Two by four inch wood studs frame the panels, $\frac{5}{8}$ " textured plywood forms the outer skin and $\frac{1}{4}$ " Philippine mahogany is the interior finish.

Laminated wood beams, supported on concrete foundation piers, carry cedar decking to form the church building roof. The beams and decking are finished with a natural wood stain. Mill made wood trusses span across the parish house from exterior wall to exterior wall. By eliminating interior bearing walls the trusses provide flexibility for the arrangement of the interior partitions. The partitions are made from sheets of $\frac{3}{4}$ " "H" sections. Acoustical tile is secured to the bottom of the wood trusses for a finished parish house ceiling.



Albemarle Paper Company Office Building Facing Gamble's Hill Park In Richmond

CARNEAL & JOHNSTON
Architects - Engineers

CHARLES S. LEOPOLD
Mechanical Consultant
CHARLES F. GILLETTE
Landscape Designer

VIRGINIA ENGINEERING CO., INC.
General Contractor
MILLER & RHODES
Interior Decorator

ON A HOT DAY in 1957, Mr. Floyd D. Gottwald, President of Albemarle Paper Company stood near the Captain John Smith Marker on Gamble's Hill and facing north, said, "We have acquired that entire block on Arch Street from Third to Fourth and you must design for us an office building worthy of the location and to 'Look Like Virginia'. We will furnish you the results of our historical research. . . ."

Information furnished the architects by the owners contained, among other things, a description of the old Gamble residence, "Gray Castle," which stood on the site, built in 1800 from a design by Benjamin Latrobe, later architect for the Capitol in Washington, whose original drawings for the mansion are now in the Library of Congress. "Gray Castle" was built of painted brick and

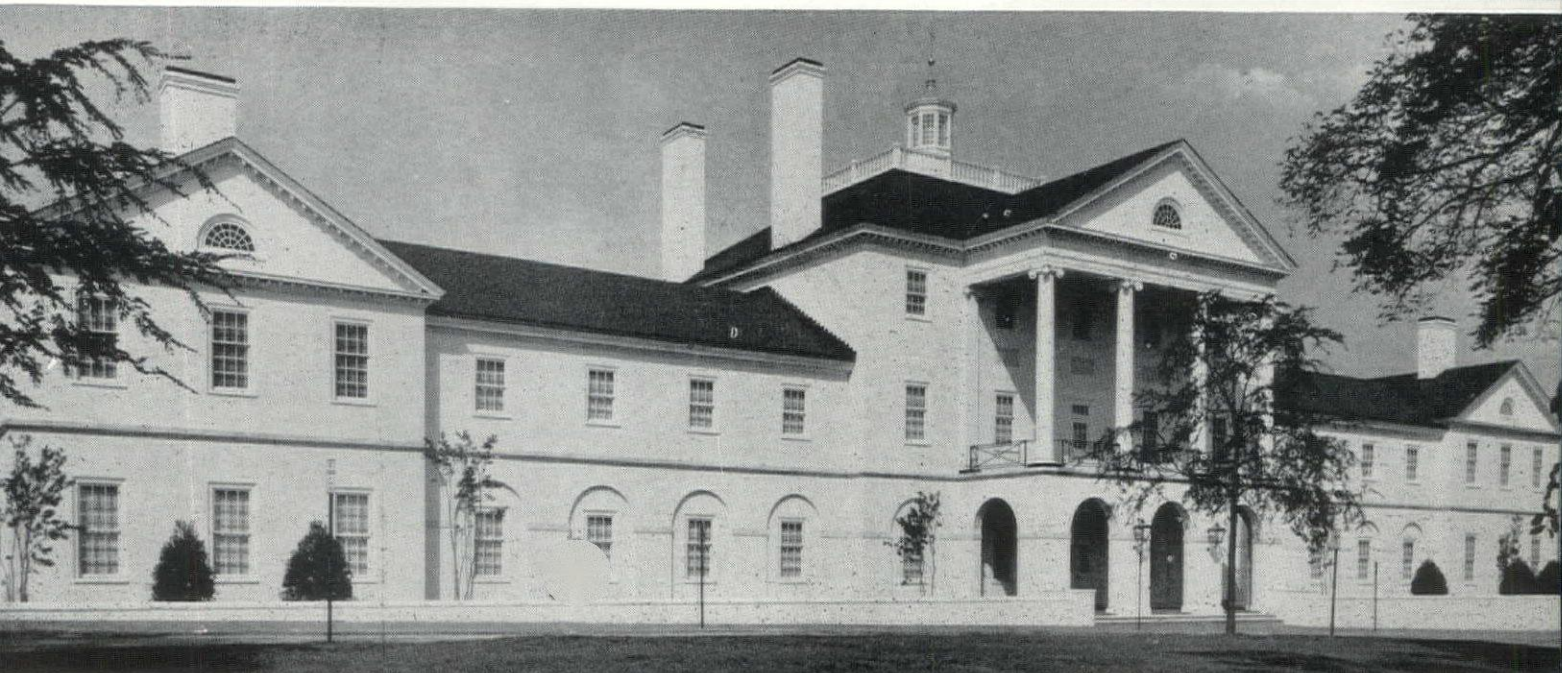
commanded a sweeping view of the James River. Its general plan was a miniature of the present office building.

Mr. Charles Gillette, landscape architect, was called in as advisor on many more things than simply the parking lot.

With this precedent and the historical background, the designers prepared sketches A-B-C, etc. through M before coming up with one which satisfied them, met the Albemarle office requirements and "looked like Virginia". It was a challenge, and now since completed seems a perfect "natural."

Albemarle Paper Company organization charts were prepared, location, size of various departments were determined in their relation each to the other, and a normal, efficient, modern

(Continued on page 66)



J. E. DAVIS & SONS, INC.

General

Contracting — Engineering

RESIDENTIAL • COMMERCIAL • INDUSTRIAL

Low Gap Highway

GALAX, VIRGINIA

Belmont 6-3879

General Contractor for the Carroll County Bank, Featured on Page 29.

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Mechanical Contractors

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NEWPORT NEWS, VIRGINIA

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Plumbing Supplier and Mechanical Contractor for the New Hampton Courthouse Addition,
Featured on Page 37.

From Dana McBarron

SHAD-O-LINE DANA-DECK

SOUND CONTROL & LIGHT DISPERSION

A unique Decking with double tongues and grooves matched in such a manner that alternate adjoining pieces can be laid up 3" x 6" and 4" x 6". This forms a dramatic ceiling surface with a uniform, flat top surface for the weatherproof roof, or floor.

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Discriminating architects specify pitch free larch laminates—in warm russet brown colors—to guarantee customer satisfaction. Larch laminate economy and structural integrity is guaranteed by initial proofreading of your designs by our skilled engineering personnel.

DANA-DECK

ROGUE RIVER, OREGON

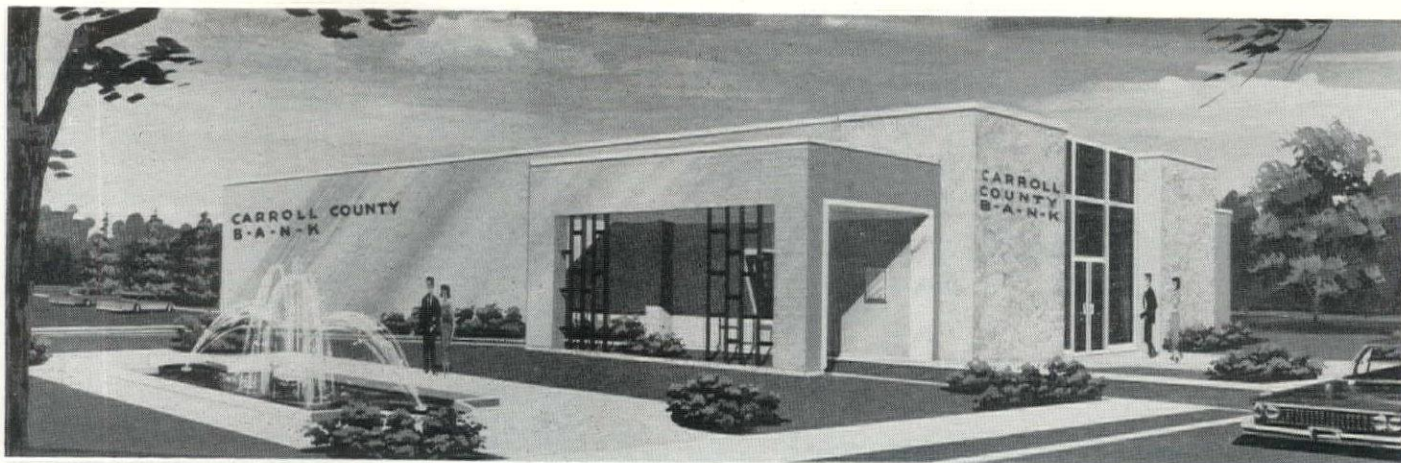
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Shad-O-Line Dana-Deck Western Larch Dana-Deck Hi-Land Hemlock Dana-Deck Douglas Fir Dana-Deck
Hi-Land Spruce Dana-Deck Inland White Fir Dana-Deck Western Cedar Dana-Deck Dana-Deck Laminated Decking

— FROM MILL TO JOB WITH ARCHITECTURAL INTEGRITY —



NEW CARROLL COUNTY BANK IN HILLSVILLE

CONSTRUCTION WAS recently started on a new 8000-square foot building designed by Wells & Meagher, Roanoke, for the Carroll County Bank of Hillsville. The sound economy in the Hillsville-Galax area of Southwest Virginia has brought about increased business to this bank that justifies new quarters of the most up-to-date design and construction.

Located on the main street of Hillsville, the site slopes away from the street to the west in such a manner that the public may enter the new building directly from the finished grade at sidewalk level in front or from a parking lot at the rear to a lower ground floor entry.

At the south side of the building, before descending to the parking lot, space has been provided for a fountain surrounded by a landscaped area adjoining a sheltered drive-in window.

The design and site planning of this project to make the best use of the property has been a most interesting problem. The upper, or street floor, of this banking house contains the public lobby, open officers space, private offices, conference room and vault.

Space will be provided for six paying and receiving tellers to the left of the entry. Note tellers space will be provided at the rear of the public lobby and will be backed up by a window more than eighteen feet wide, the full height of the building, offering an excellent view of the Carroll County country side to the West.

On entering the street floor the vault lobby, coupon booths, and the vault will be at the right side. The vault

door will be surrounded by a twelve foot by ten foot panel of Italian vetroso fiorentino glass mosaic. Adjoining the vault lobby will be the carpeted open officers space 540 square feet, with adjoining wall surfaces of fabric.

Offices and conference room are to be entered from the open officers space.

The southwest, or left rear corner, of the building contains the hydraulic elevator shaft and stairway to the lower ground floor. The stair will be of completely open construction with cantilevered, precast terrazzo treads. Natural light will be provided through plastic ceiling domes.

The stair construction will be open to the lower ground floor entry and elevator entrance. The lower floor will contain 860 square feet of bookkeeping space, board room, staff room, lunch room, record vaults, utility rooms and toilet facilities.

Exterior walls are to be bearing walls. Interior construction will be of bar joists on steel framing.

Exterior finish incorporates Mo-Sai panels, Roman ceramic glazed brick and light colored sand finished brick.

Interior finishes include, in general, fissured acoustical tile ceilings, walls of plaster and fabric surface with Formica for the board room, floors of terrazzo and carpet on the upper floor, and vinyl tile for the lower floor. Walnut wood finish will be used throughout the upper floor.

Heat will be supplied by an oil fired boiler, with forced air for heating and air conditioning circulation.

General contractors are J. E. Davis & Sons, Inc., Galax.

●
**WELLS & MEAGHER
OF ROANOKE**
Architects

●
SOWERS, RODES & WHITESCARVER
Consulting Engineers

●
J. E. DAVIS & SONS, INC.,
Galax
General Contractors

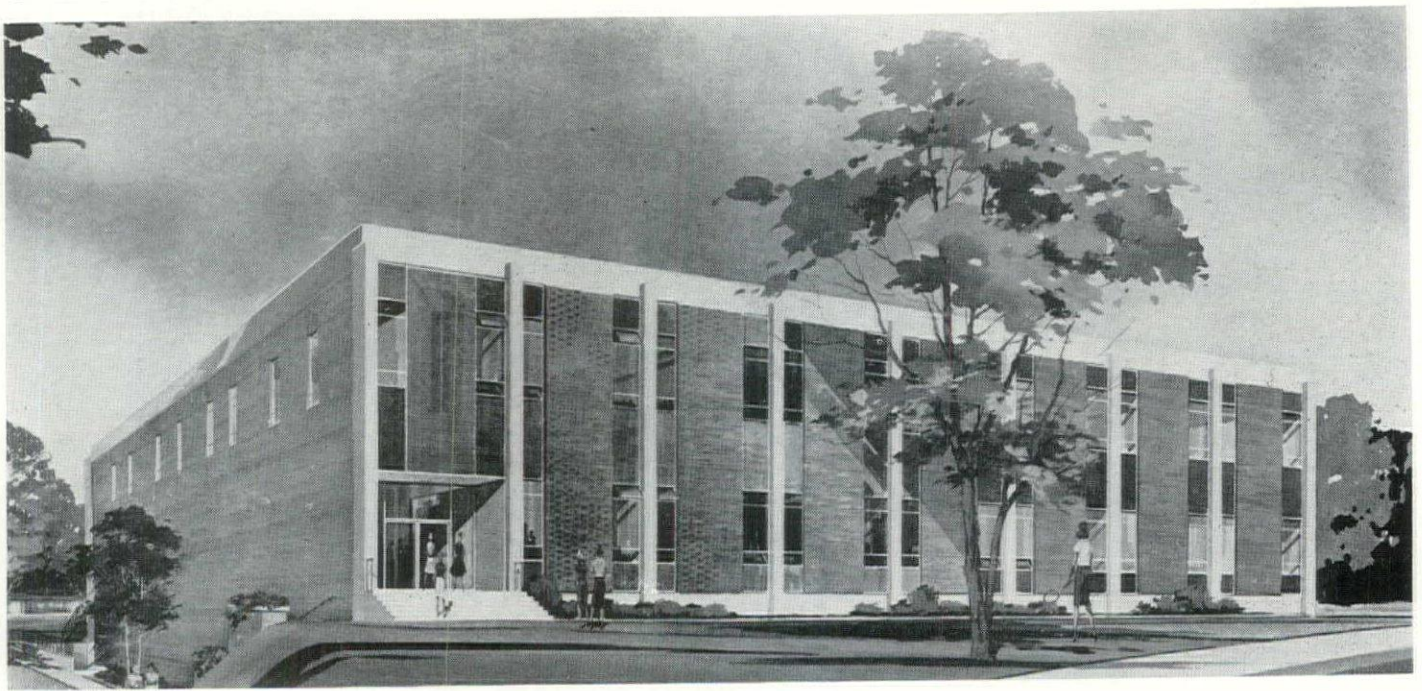
SUBCONTRACTORS & SUPPLIERS

D. W. Allen & Son, Hillsville, mechanical and electrical work; Valley Steel Corp., Salem, reinforcing steel; Ornamental Iron & Prison Works, Roanoke, steel joists; Old Virginia Brick Co., Inc., brick; Harry H. Roberts, Inc., Roanoke, glazed brick.

Also, Economy Cast Stone Co., Richmond, Mo-Sai panels; Lightweight Block Co., Inc., Roanoke, Solite block; Skyline Lumber Co., Inc., Roanoke, millwork; Marus Marble & Tile Co., Inc., Greensboro, N. C., terrazzo and tile; Shields, Inc., Roanoke, acoustical tile; Hesse and Hurt, Inc., Roanoke, painting and decorating; Graves-Humphreys, Inc., Roanoke, finishing hardware.

Bank fixtures and furniture are to be provided by American Furniture and Fixture Co., Inc., Richmond. Mosler Safe Company will furnish vault and related equipment.

OVERLOOKING LAKE MATOAKA:



WOMEN'S GYMNASIUM WILLIAM & MARY COLLEGE

WRIGHT, JONES & WILKERSON
Architects

Engineering Consultants

WILLIAM A. BROWN
Mechanical & Electrical

WILLIAM T. ST. CLAIR
Structural

J. W. ENOCHS, INC.
General Contractor

SUBCONTRACTORS & SUPPLIERS

D. C. Waltrip & Sons, Williamsburg, excavating; Raymond Concrete Pile Div., Raymond International, Inc., Washington, D. C., piling; Eastern Building Supply Co., Inc., Richmond, masonry suppliers, SAIVO Italian glass mosaic tile; Hamond Masonry Corp., Richmond, masonry contractor.

Montague-Betts Co., Inc., Lynchburg, steel, steel roof deck, steel doors and bucks, handrails; Roof Engineering Co., Norfolk, roofing; Economy Cast Stone Co., Richmond, stone work; Sash, Door & Glass Corp., Richmond, windows, window walls, glazing; E. Caligari & Son, Inc., Norfolk, painting.

Oliva & Lazzari, Inc., Richmond, ceramic tile; McL. T. O'Ferrall & Co., Inc., Richmond, resilient tile, acoustical; Brisk Waterproofing Co., Inc., Richmond, waterproofing; Pleasants Hardware, Richmond, hardware; Ruffin & Payne, Inc., Richmond, millwork.

Dixie Flooring Co., Greensboro, N. C., wood flooring; E. H. Saunders & Sons, Inc., Hopewell, lighting fixtures, electrical work; W. D. Sams Plumbing & Heating Co., Norfolk, plumbing fixtures, plumbing, heating, ventilating; Brownson Equipment Co., Richmond, pool equipment.

THE WOMEN'S GYMNASIUM now under construction is the second building of the new campus development. It is located on the hillside site overlooking a branch of Lake Matoaka. The sloping site has been utilized to provide an entrance to the first floor of the building and at the same time permits the swimming pool room to be constructed on ground level with a rolling glass wall on the side of the building adjacent to the Lake. The entrance to the locker rooms also has a direct exit on ground level to future women's athletic field.

Future development plans call for construction of women's dormitories just across the branch of the Lake from the Gymnasium.

The building will contain offices for the faculty, three classrooms and two gymnasiums on the first floor. The second floor will contain a large dance teaching studio with adjacent offices, lounges and sewing and dyeing rooms. Also located on the ground floor are the locker and shower rooms for students and faculty.

The swimming pool, which will be on the ground level, will have six racing lanes with two one meter diving

boards and includes spectators seating area with a capacity of 250. Overlooking the swimming pool room is a large glass enclosed student lounge and meeting room.

The building has been designed to blend with the traditional buildings on the campus while incorporating the latest proven materials and methods of construction.

The walls of the exterior will be of moulded red brick with shaded headers, which will be similar to brick found in other buildings on the campus. Extensive use of cast stone for trim and column enclosures has been made and color has been added to the building through the use of venetian glass tile spandrels and panels.

The building is constructed on pile foundation and has a frame of structural steel and reinforced concrete. Heating will be provided by a new central high temperature water distribution system.

The building is scheduled for completion in the spring of 1963.

J. W. Enochs, Inc., Hopewell, is general contractor and is doing the concrete and carpentry work.



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- SAND
- GRAVEL
- STONE

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 COLUMNS • BARBGRIIP ROOF TRUSSES

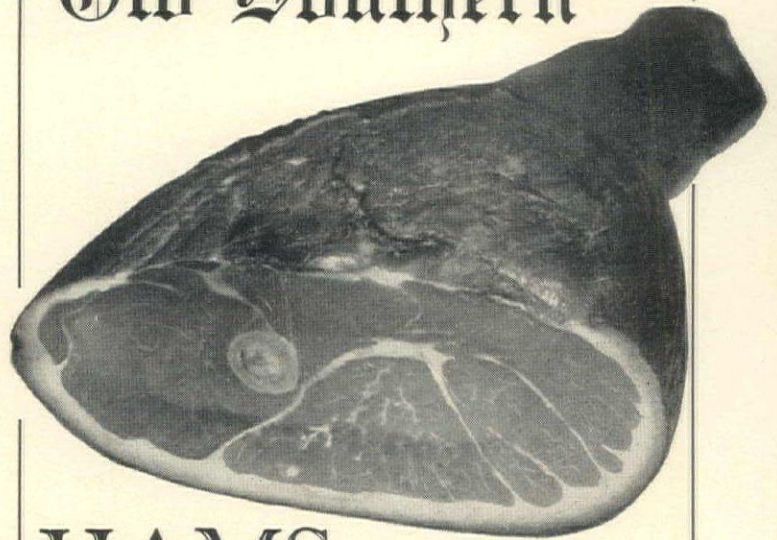
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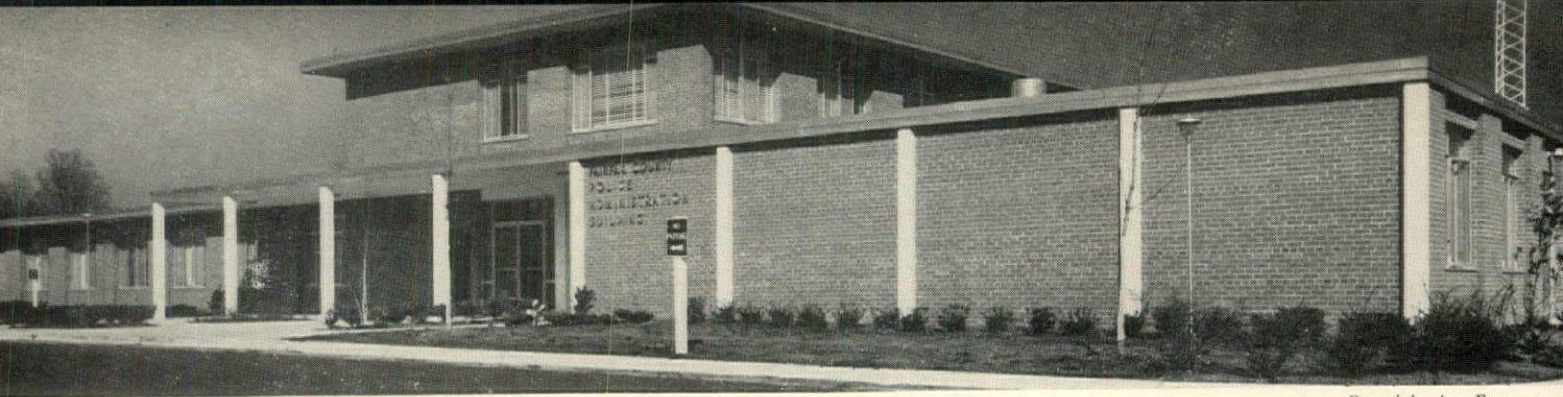
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Fairfax County Police Administration Building

VOSBECK-WARD & ASSOCIATES
Architects

KENDRICK & REDINGER
Mechanical Consultants

FORTUNE ENGINEERING ASSOCIATES
Structural Consultants

WAYNE CONSTRUCTION CO., INC.
General Contractor

● Fairfax County's new Police Administration Building, located in Fairfax, was designed by Vosbeck-Ward and Associates of Alexandria. A three level brick structure costing slightly over \$350,000, it serves as headquarters for the 265-man police force.

Located on a four acre area in the 15-acre tract designated as the "Fairfax County Governmental Mall," it was substantially completed during the summer of 1961.

An "L" shaped building, it measures 90 by 122 feet and contains 57 offices and rooms in its two stories and basement. Among the administrative and operational facilities provided for the Fairfax Police on the first floor are offices for detectives, squads, administrative assistants, officers, interview, line-ups, press visitors and criminal identification.

The second floor houses offices for
(Continued on page 77)

Principal subcontractors and suppliers, of Arlington, included Electric Service Co., electrical; Rose Bros. Co., roofing and sheet metal; Southern Floors and Acoustics, Inc., acoustics; Dewey Hardware Co., hardware; Arlington Maintenance Co., painting; Bilton Insulation & Supply, Inc., insulation.

Others were Manassas Iron & Steel, steel; Virginia Millwork Corp., Alexandria, millwork; United Masonry, Inc., Alexandria, masonry; Edward E. Cousins, McLean, plumbing, heating, air conditioning; Dodd Bros., Inc., Falls Church, plastering; Capital Products, Inc., Washington, windows; Anning-Johnson Co., Alexandria, plastic wall finish; Washington Ply-Rite Co., waterproofing; Rainwater Excavating Co., excavating.

WILLOW PLAZA OFFICE BUILDING

SHIFLETT & GRESHAM
Architects

TORRENCE & DREELIN
Structural Engineers

ROBERT SPRATLEY
Mechanical Engineer

R. W. CABANISS
General Contractor

● Construction was started recently on this new office building in Richmond's Willow Lawn Area at the corner of Augusta Avenue and Staples Mill Road.

The building, designed by Shiflett & Gresham, Architects, is three stories in height and has a gross area of 27,000 square feet. Like several of the newer buildings in the area, its ground floor is tilted providing parking under the building. Bright colors of glazed tile in this area add enjoyment and interest.

The exterior walls are brick with vertical strips of curtain wall panels and windows.

The windows were placed at approximately eleven-foot intervals in the

exterior walls providing adequate natural light and greater versatility for interior partition layouts while keeping heat loads and losses to a minimum.

The structure is steel frame and steel joist with metal roof deck and concrete floor slabs. Flooring will be vinyl asbestos. Interior walls will be plaster.

Heating and air conditioning is supplied through a combined air system.

An interesting sidelight in the planning is that the property is situated such that three quarters is located in the City of Richmond and one quarter is in the County of Henrico. The zoning requirements for the two areas was

(Continued on page 77)



WESTERN BRANCH BAPTIST CHURCH PORTSMOUTH



Haycox Photographic, Inc.

LUBLIN, McGAUGHY & ASSOCIATES
Architects and Consulting Engineers
CONRAD BROTHERS, INC.
General Contractor

THE NEW Western Branch Baptist Church, recently opened for services in the summer of 1962, is the culmination of many months of deliberation, consultation and planning by Congregation, Building Committee and Architect, to achieve a satisfactory relocation and new building program for an expanding congregation. The success of the program, measured in terms of public comment and new membership, has been highly gratifying.

Western Branch Baptist Church, formerly South Street Baptist Church, of Portsmouth, was founded in 1889 and occupied an imposing structure located on South Street at Effingham Street, from 1895 until the recent move to its present new site beyond the city limits, between the western branch of the Elizabeth River and Churchland, on the north side of US 17. The new site, known as the "Dunkum tract", is 6.8 acres in size, and contained, at the time of purchase, a two-story brick house which will be used as Sunday School expansion.

Immediately upon being commissioned to design the new Church plant, the Architects, Lublin, McGaughy & Associates, with the assistance of the Pastor and Building Committee, proceeded to write a program for the new structure. Because building funds were somewhat limited, it was decided that a Master Plan be evolved, including both Sanctuary and Educational Sections, which could be built in stages. Planning indicated that a Sanctuary seating 1,000 and a Sunday School with facilities for instructing 1200 children and adults, would be required. The complete program was designed to be accomplished in three phases.

In the design of the actual building, certain features were considered to be highly desirable. It was felt that both Sanctuary and certain sections of the administration areas should be air conditioned to provide a comfortable interior climate for both the public and staff. In the design of the Sanctuary, certain other features were considered design goals which were somewhat un-

usual in church architecture. All electrical illumination it was felt should be concealed, so that hanging fixtures, shining lights, etc., would offer no distraction to the visual communication between Pastor and congregation. While rectangular interior spaces and two-aisle seating was desired, the existence of a balcony was indicated in order that the length of the Sanctuary would be not overly long. Excessive acoustical treatment seemed prohibitive from a cost standpoint and, in addition, Pastor and Building Committee indicated a preference for electronic amplification of speech, which would result in more equal presentation of various speakers. Due to both space limitations and economy, an electronic organ installation was preferred. While a bright, even brilliant, interior atmosphere was desired, the speaker at the Pulpit should not have to face directly into expanses of glass brightly lighted from the exterior. Both Architect and Building Committee agreed that the

(Continued on page 61)

Addition To Eye Hospital In Richmond

BALLOU & JUSTICE
Architects & Engineers

TORRENCE, DREELIN & ASSOCIATES
Structural Consultants

VIRGINIA ENGINEERING CO., INC.
General Contractors

(Now BASIC CONSTRUCTION CO., INC.)

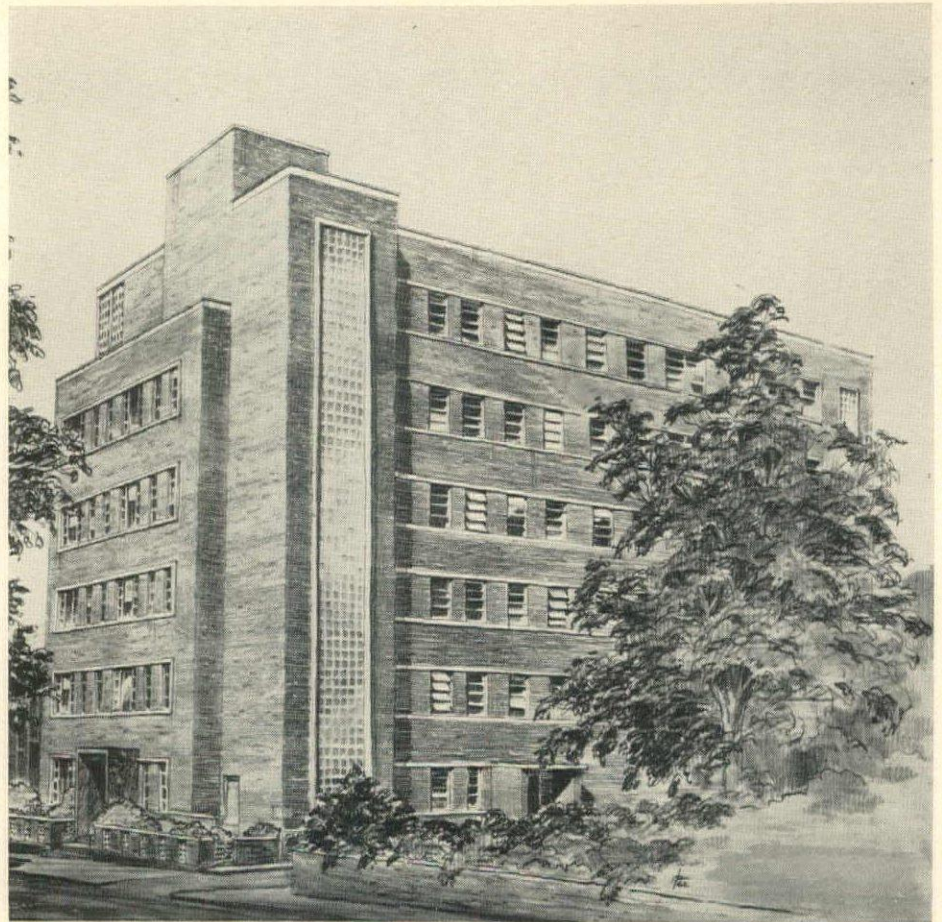
THE ORIGINAL Richmond Eye, Richmond Ear, Nose and Throat Hospital, located at 408 N. Twelfth Street, Richmond, was designed by Balloou and Justice, architects and engineers, Richmond.

The original construction was possible due to the gifts of Mrs. Virginia Fox Beveridge, Mrs. Wilkins C. Williams and Adolph D. Williams, together with funds obtained under the Hill-Burton Act (the first allocation to be made to an Institution of this specialized type).

Construction began in the summer of 1951 and the hospital was opened to the public on May 12, 1952.

The original building had no precedent since it was designed specifically for the operations and treatment of the eyes, ears, nose, and throat. Two major operating rooms and a minor operating room, 40 beds, and the necessary central services were combined in a building approximately 50 feet wide by 100 feet deep, covering the entire lot and comprised of three floors, a basement and a partial sub-basement. This building was planned for a future addition of two floors to increase the bed capacity to 80.

Ten years later, the growth and progress of the work of this hospital has brought about the need for not only increased bed facilities, but additional operating facilities. The addition now under contract to Virginia Engineering Co., Inc. includes two additional floors of patient rooms to bring the capacity to 70 beds, here a modification from the original 80 contemplated, since there is an increasing demand for private rooms. In addition, by a rearrangement of the first floor area, two additional major operating rooms



will be provided and the partial sixth floor will contain interns quarters, laboratory and record facilities.

While the original building was not completely air conditioned, the new floors will be air conditioned and provisions have been made for future revision of the existing floors.

During the new construction, the entire facilities of the hospital must be kept in operation. This entails extremely close cooperation between the owners, architects and contractors, and involves a detailed work schedule which must be revised weekly as conditions arise. It is planned to do the work in two phases, which will overlap, but minimize interruption of the normal overall operation of the hospital. The first phase involves the first floor, and two operating rooms will be made

available during the remodeling for the additional two operating rooms. This will also entail major revisions of the administration and admitting areas. The second phase (to be started during the first floor revisions) will be the additional floors.

Elevator extensions to the additional floors must be very closely scheduled in order that service be available at all time and due to increased loads on the upper floors, certain structural work must be revised, floor to floor through the existing building down to the original footings.

The contract for the alterations and addition with Virginia Engineering Co., Inc., General Contractors, is in the amount of \$520,600.00 and the entire work is to be completed in December 1963.

SUBCONTRACTORS & SUPPLIERS

Capital Concrete Corp., concrete; Hammond Masonry Corp., masonry contractor; Globe Iron Construction Co., Norfolk, structural steel; Montague-Betts Co., Inc., Lynchburg, steel joists; Virginia Steel Co., Inc., reinforcing steel.

Also, N. W. Martin & Bros., Inc., roofing; Economy Cast Stone Co., stone work; Miami Window Corp., through Sash, Door & Glass Corp., windows; Fenestra panels, through The Dages Co.; Metropolitan structural tile through Eastern Building Supply Co., Inc.; General Tile & Marble Co., Inc., ceramic tile; W. Morton Northen & Co., Inc., resilient tile, acoustical.

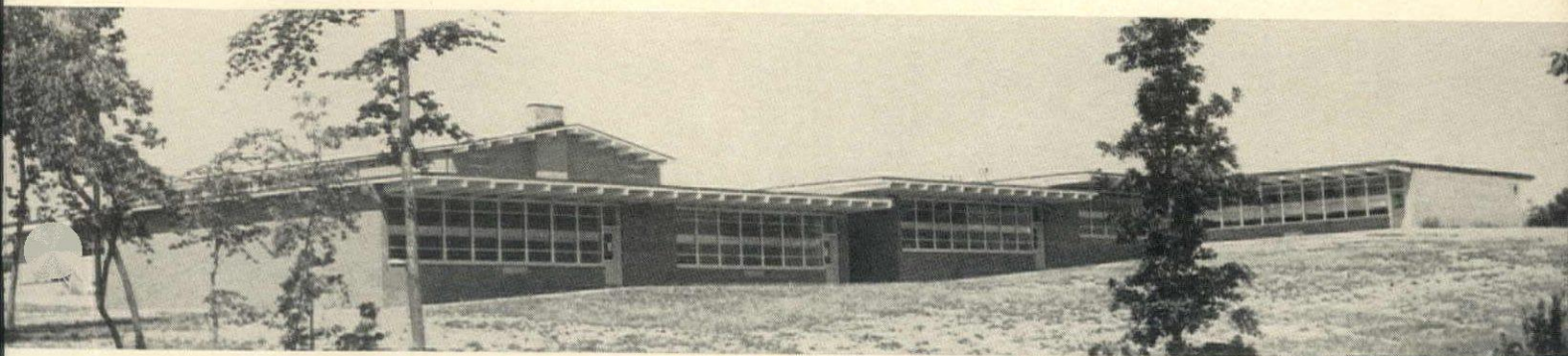
Others were Guaranteed Waterproofing Co., Greensboro, N. C., waterproofing; E. S. Chappell

Co., Inc., weatherstripping; Stowe & Denton, plaster; Crossfield Products Co., through Marsteller Corp., Roanoke, Neoprene floor covering; Pleasants Hardware, hardware; Ruffin & Payne, Inc., millwork; American Metal Works, New Orleans, La., steel doors and bucks.

Union Electric Co., Inc., electrical work; William H. White, Jr., Inc., heating, plumbing and air conditioning; St. Charles Mfg. Co., St. Charles, Ill., hospital casework; Otis Elevator Co., elevators. Sterilizers and associated equipment were furnished by Wilmot Castle Co.

All are Richmond firms except where otherwise specified.

Leesville Road Elementary School



IN CAMPBELL COUNTY

CRESS & JOHNSON Architect-Engineer

(Now CARL D. CRESS, JR.
Architect and

M. LYMAN JOHNSON,
Consulting Engineer)

ENGLISH CONSTRUCTION CO., INC.
General Contractor

SUBCONTRACTORS: ORIGINAL BUILDING

J. H. Cothran Co., Inc., Altavista, plumbing and heating; McDaniel-Kelly Electric Co., Inc., Lynchburg, electrical; Salmon & Son, painting; Kennedy's, Lynchburg, composition flooring; Taylor Brothers, Inc., Lynchburg, millwork; Cress Tile & Marble Co., Danville, ceramic tile and terrazzo; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete; Montague-Betts Co., Inc., Lynchburg, structural steel.

SUBCONTRACTORS: ADDITION

J. H. Cothran Co., Inc., plumbing and heating; W. A. Rice Electric Co., Inc., Lynchburg, electrical; Superior Paint Contractors, Lynchburg, painting; Kennedy's, ceramic tile and composition flooring; Montague-Betts Co., Inc., structural steel; J. E. Sears & Co., Inc., Lynchburg, millwork.

BOTH THE ORIGINAL 14-room school and the addition were constructed by English Construction Company, Inc., Altavista. The first stage was designed so that the lower elementary classes would be together in one wing, the upper elementary classes in another wing, with the library, resource rooms, and teachers' facilities between. The office-health wing constitutes a fourth element that is near the center of the composition so that it can be convenient to both classroom wings and the cafeteria multi-purpose wing.

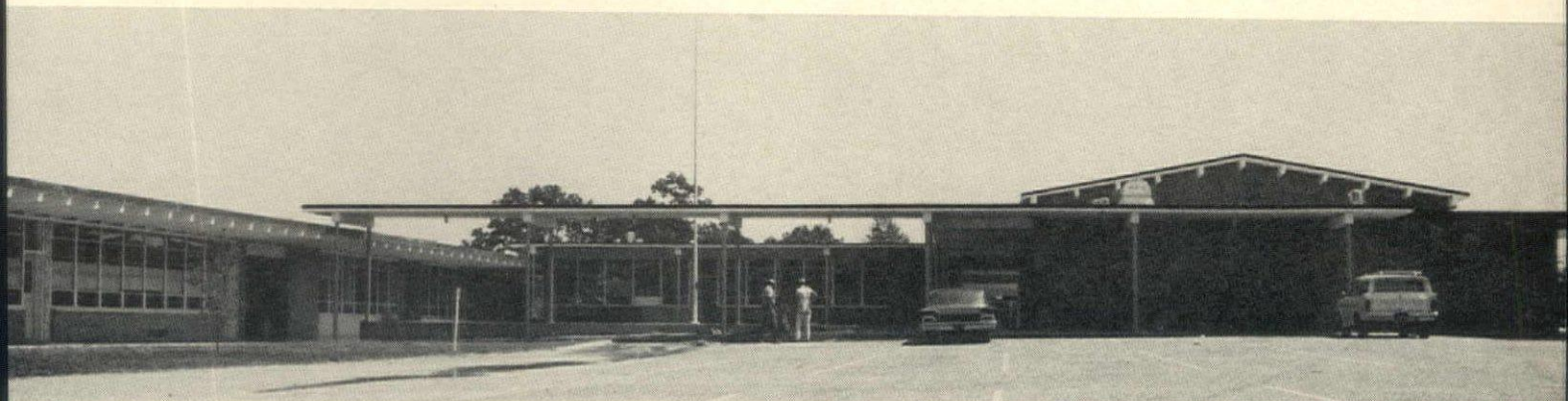
The basic structural system consists of a center bearing masonry wall with prestressed concrete ceiling joist. The steel mullions at the window wall are load bearing with continuous angle at the top, which serves as a bearing plate for the joist and the head stop for the aluminum windows. Small sash are placed between the beams which allows a full sweep of light on the ceiling. The roof deck consists of corrugated metal form with insulative concrete fill. Acoustical plaster was applied directly to the bottom of the corrugated deck. The structural system in the cafeteria multi-purpose room

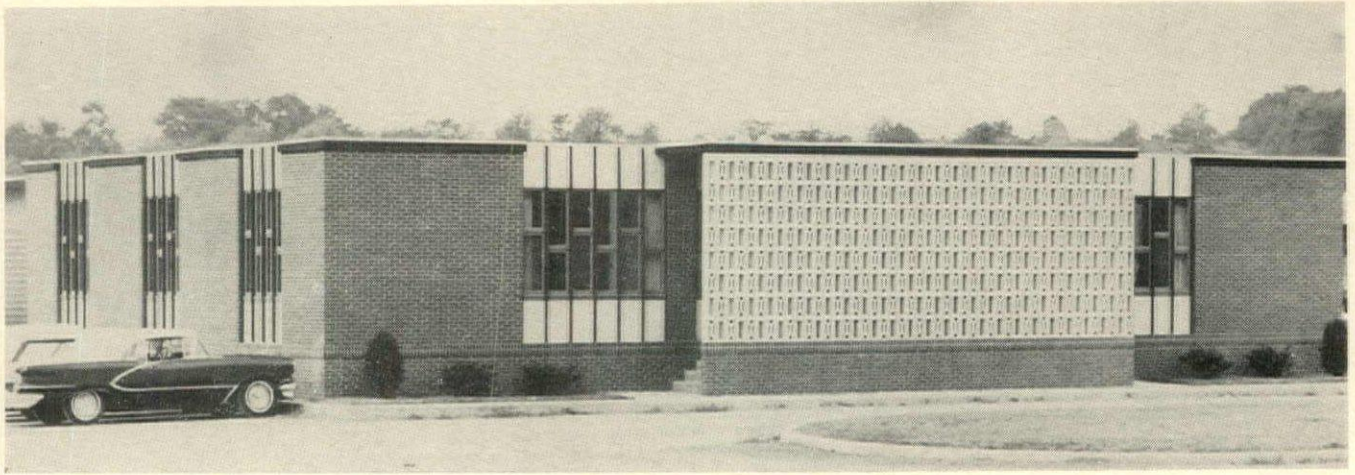
consists of rigid concrete frames poured in place with prestressed concrete joist as purlins.

The interior finish consists of painted masonry block, vinyl asbestos floor and acoustical plaster ceilings for classrooms, offices, etc. The lunchroom has glazed wainscoat and monolithic terrazzo floor.

The cost of the first stage was approximately \$356,000 including the septic system, seeding and landscaping and all of the work counters, library shelving, book shelves, etc. for the classroom wing. This cost is approximately \$750 per pupil.

The new addition consists of eight classrooms. These classrooms were stepped in order to take better advantage of the sloping terrain and were placed in a location that would be convenient to lunchroom and office, and utilities from boiler room under stage. The outside walk thus becomes a ramp beside the classroom wing. The structural system and interior finishes are similar to the original building. The cost of this addition including septic system, grading and seeding was approximately \$121,000.





New Office and Terminal Building featured on Page 22.

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INCORPORATED

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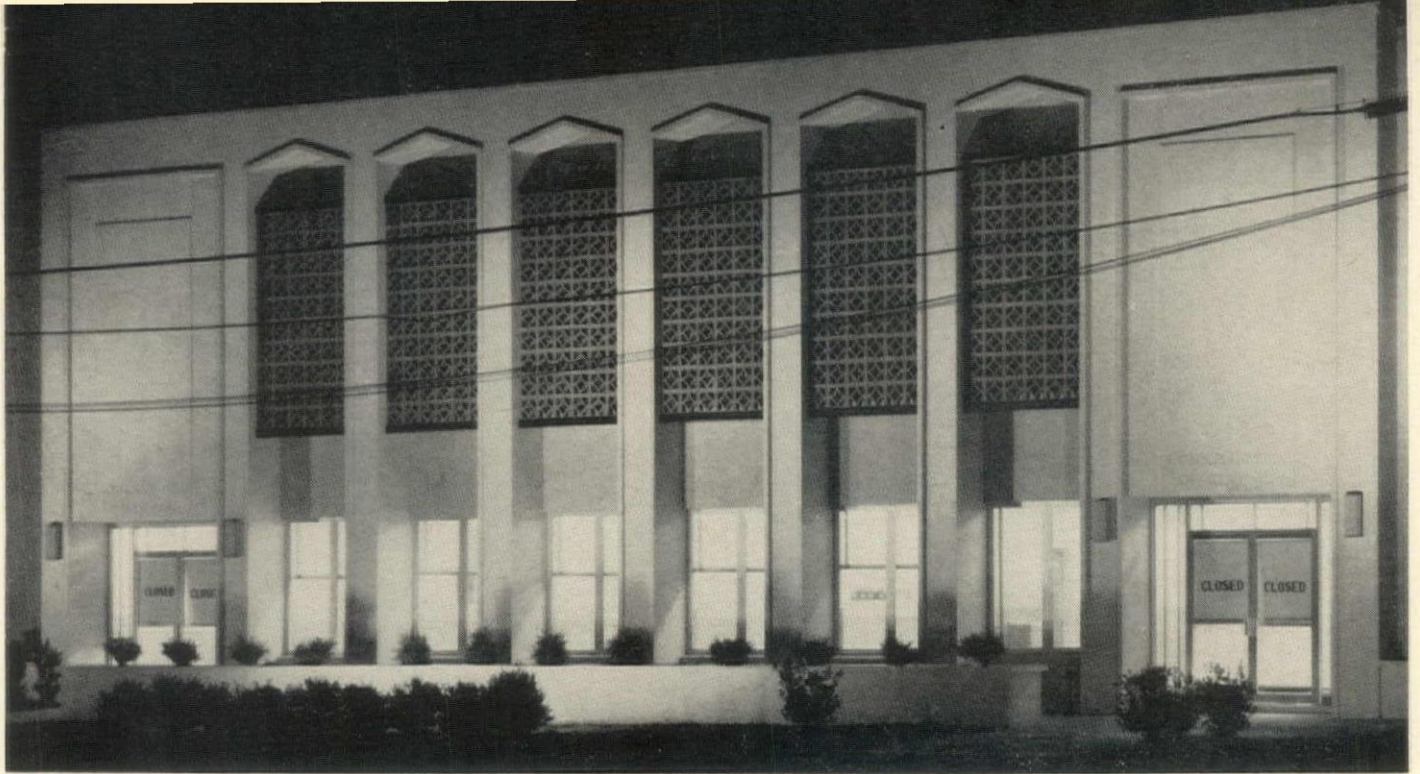
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HAMPTON COURTHOUSE ADDITION

**FORREST COILE
& ASSOCIATES**
Architects

W. BOYCE BLANCHARD
Engineering Consultant

LEON H. PERLIN CO., INC.
General Contractor

• The Hampton City Courthouse addition was built to expand the services of the Commissioner of Revenue, City Treasurer and new Court which has grown to meet the needs of the increasing population of the area. This in turn made the vacated areas in the old Courthouse, which has been in operation since 1910, available to expand the Clerk of Courts, old court facilities and Assessor's offices. The two buildings were connected by a two-story corridor which in essence creates a unity of flow and activity, although housed in separate structures. Although the existing architecture was not carried through to the new, a similarity of theme was endeavored and after completion of remodeling the old, both structures will be painted the same to further indicate their unity of operation.

General construction is block and brick veneer, painted block interior partitions, steel frame. Courtroom is plaster and walnut wainscot. Front facade is cast stone, windows and new entrance are aluminum.

SUBCONTRACTORS & SUPPLIERS

Brown & Grist, Inc., windows; Shaw Paint & Wall Paper Co., Inc., painting; Smith & Keene Electrical Service, electrical work; Warwick Plumbing & Heating Corp., plumbing fixtures, plumbing, air conditioning, heating and ventilating. All are Newport News firms.

From Hampton were Southern Materials Co., Inc., concrete; Chesapeake Masonry Corp., masonry contractor; Pittsburgh Plate Glass Co., glazing; Ceramic Tile & Marble Co., ceramic tile; Southeastern Tile & Rug Co., Inc., resilient

tile, terrazzo; R. F. Slaughter Lumber Corp., millwork.

Others were Richmond Steel Co., Inc., Norfolk, steel, steel roof deck; Republic Steel Corp., Norfolk, roof deck; Economy Cast Stone Co., Richmond, stone work; Acoustics Corp., Norfolk, acoustical; A. D. Stowe, Portsmouth, plaster; Tom Jones Hardware Co., Inc., Richmond, hardware; Door Engineering, Norfolk, steel doors and bucks.

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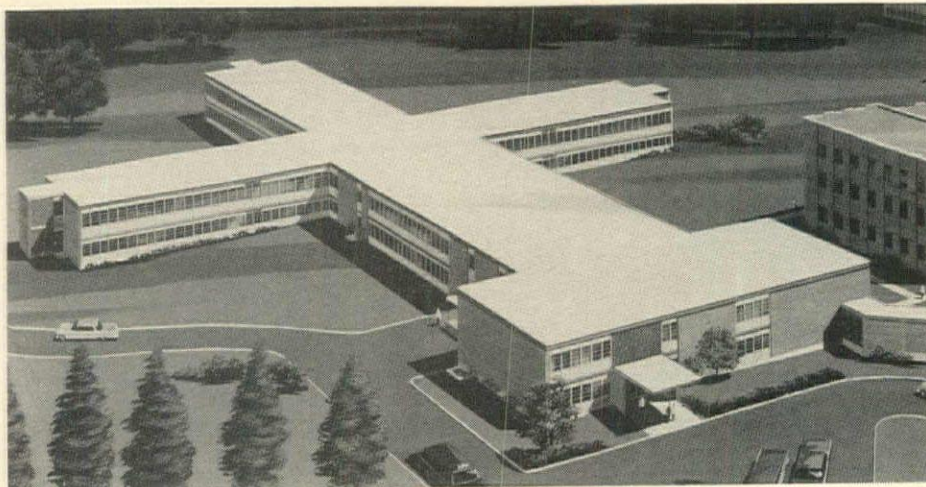
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INTENSIVE TREATMENT BUILDING

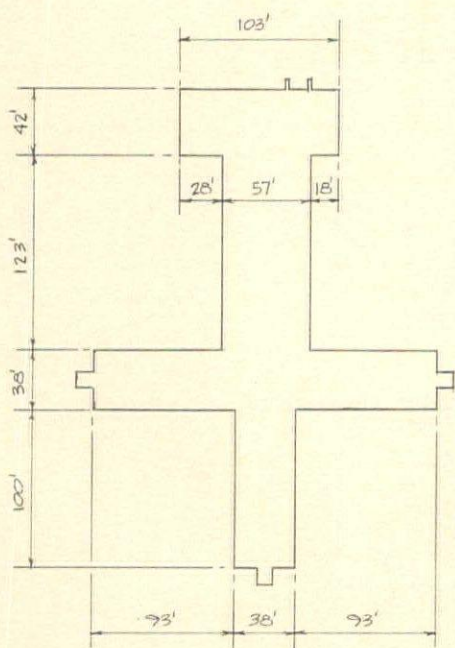
Central State Hospital

BEN R. JOHNS, JR., AIA
Architect

ROACHE, MERCER & FAISON: Mechanical & Electrical Consultants

FRAIOLI-BLUM-YESSELMAN: Structural Consultants

J. W. ENOCHS, INC.: General Contractor



INTENSIVE TREATMENT BLDG.

THE DEPARTMENT of Mental Hygiene and Hospitals system recently began operation of the new Intensive Treatment Building at Central State Hospital in Petersburg, which has a capacity of approximately 150 patients.

The building is especially designed to provide appropriate facilities for newly admitted patients where conditions indicate that response to intensive treatment would be favorable. This type of treatment would allow early cure and minimum stay in the hospital.

In addition to the building's primary use as an intensive treatment facility, provision for an admission suite for the adjacent Receiving Building was required.

In order to meet the program requirements, consideration was given to the relationship of the admission suite to the Receiving Building, convenience of operation of treatment and therapy

facilities to patient wards, control and security of patient wards, and a suitable location of the administrative facilities and services in relationship to the functions of the entire building.

The accomplishment of these requirements resulted in the unusual shape of the building. Near the main entrance is located the reception desk, a waiting room, and the administrative offices. The Admission Suite is located adjacent to the entrance with convenient accessibility to the Receiving Building by an enclosed connection. Other administrative and recreation facilities are located on the second floor above. A classroom for staff and general hospital use is located in the basement as well as mechanical equipment, telephone and electrical services.

Beyond the administrative and admission portion of the building are the treatment and therapy facilities, visitors rooms, social workers offices and doctors offices which are duplicated on each floor since male patients occupy one floor and female patients occupy the other.

Control of patients is maintained by a single access point to the ward areas which opens to a centrally located Nurses' Station on each floor. Extending from the Nurses' Station are three 25 bed wards which include dayrooms, dormitory areas and toilet facilities.

The patient wards are equipped with detention screens which have continuous fin tube radiation below and a fresh air duct system above which forms an integral part of the wall surface. An Airkem odor removal system is induced into the fresh air system.

The 57,000 square foot building is constructed of reinforced concrete waffle slabs formed by metal domes. The exposed waffle ceilings were sprayed with acoustical plaster. Exposed Solite block walls are painted with a plastic wainscot in patient wards and treatment areas. The patient wards have Selbatex seamless floor covering. Other areas have Tessera sheet vinyl in corridors and asphalt tile in rooms.

Wall construction consists of masonry

(Continued on page 68)

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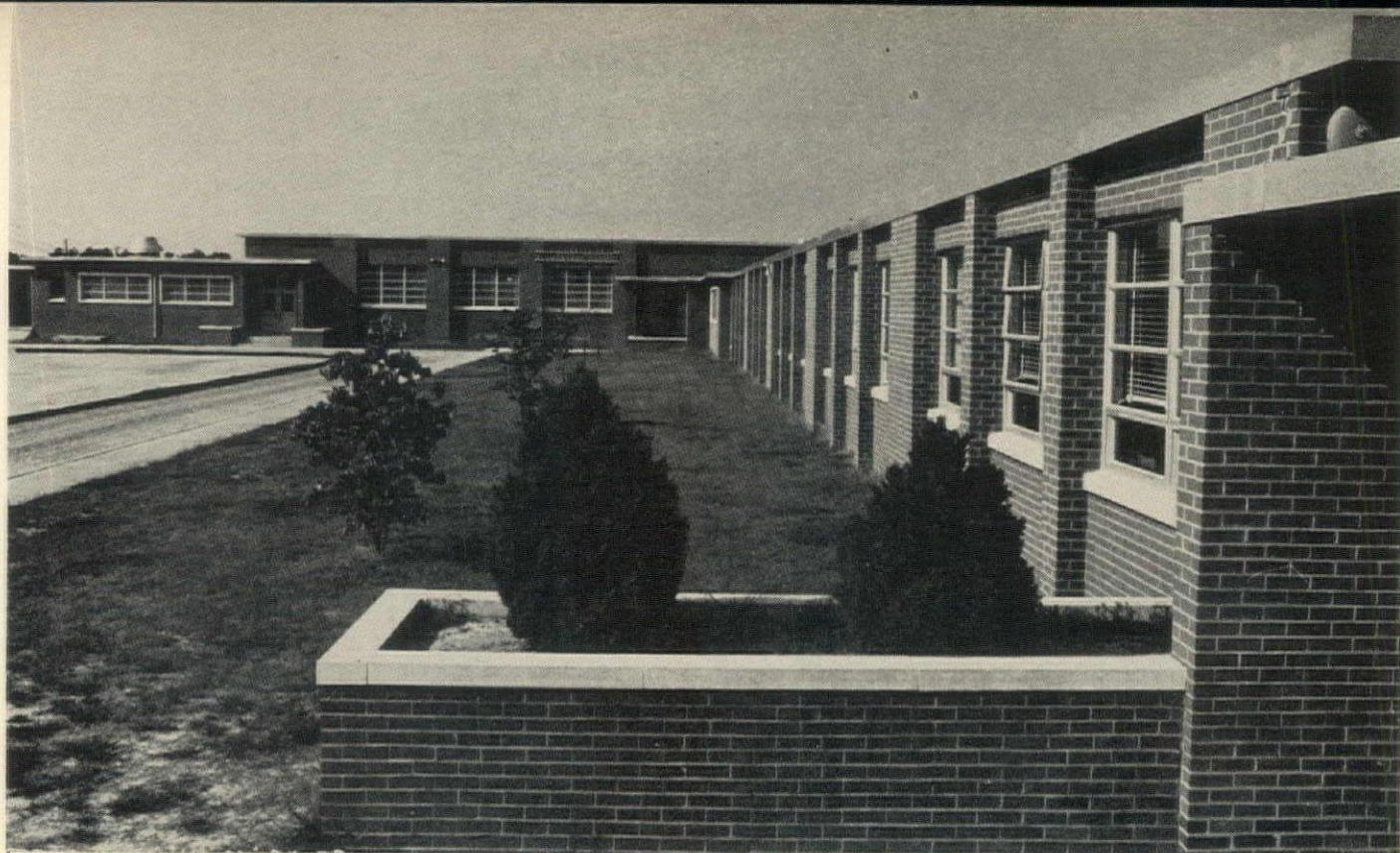
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TRAVELERS BUILDING

RICHMOND

VIRGINIA



(Photo: Courtesy of Richmond News Leader)

CLARENCE CURTIS ELEMENTARY SCHOOL

SAMUEL N. MAYO, AIA
Architect

Chesterfield
County

C. E. NUCKOLS
BURGESS CONSTRUCTION & CONTR. CO.
General Contractors

• The Clarence Curtis Elementary School consists of 30 class rooms, library, administrative suite, toilets, and multi-purpose room with stage and kitchen.

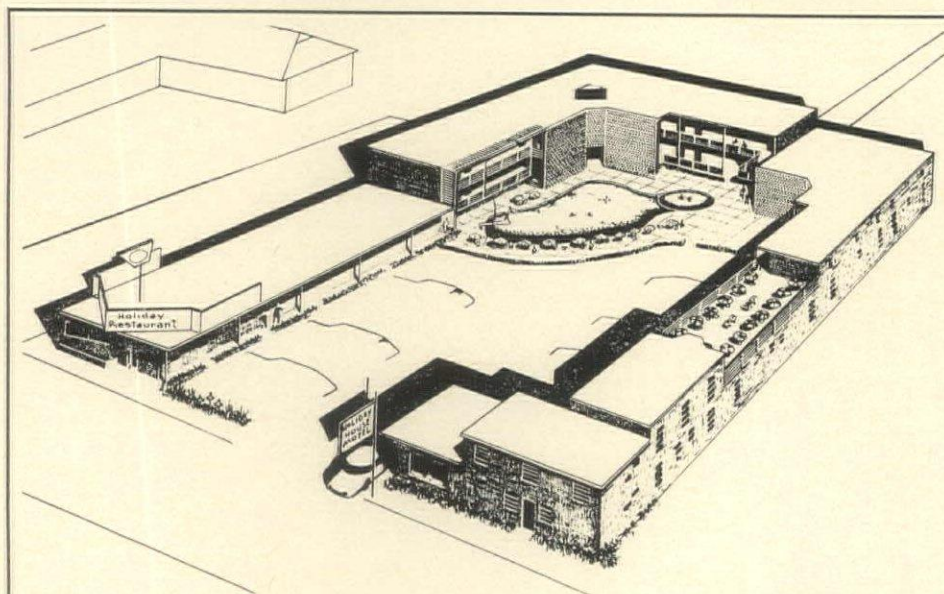
The multi-purpose room will seat

640 for assembly and 320 for cafeteria seating.

The corridors, kitchen and toilets have terrazzo floors and tile wainscots. The multi-purpose room has asphalt tile floor with tile wainscots; all other

areas have asphalt tile floors. All class rooms have tile wainscots below chalkboards.

Hot water heating system was used with unit ventilators in all instructional areas.
(Continued on page 79)



Holiday House Motel

WILLIAM BURTON ALDERMAN, AIA
Architect

LOCATED at the corner of Ocean Front and 14th Street in the City of Virginia Beach, approximately 100 yards south of the fishing pier, the Holiday House Motel property now consists of ten motel units, manager's apartment, office, a two-story frame building built in the 1880's and modernized in the early 50's, a modern restaurant, and parking lot.

The completed development will consist of 17 two-story oceanfront units modernly equipped. The north wing connecting the oceanfront units to the restaurant will be of two stories housing four studio apartments. The south wing is to contain six two-story large rooms designed and furnished for families. The main structure will be at an elevation one half story above grade affording space for mechanical equipment, servants quarters, utility room, and service area.

Oceanfront window walls will command a view of the beach and surf.
(Continued on page 81)



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Painting Contractor for the New Pembroke Towers Featured on Page 24.

R. M. WRIGHT, *Pres.*

E. G. HANCOCK, *Gen. Supt.*

ROBERT M. WRIGHT, CONTRACTOR, INC.

General Construction

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BASSETT, VIRGINIA

General Contractor for the New Collinsville Branch Bank, Featured on Page 53.

ANDREWS & PARRISH

GENERAL CONTRACTORS

State Registration No. 3218

Commercial and Industrial Construction

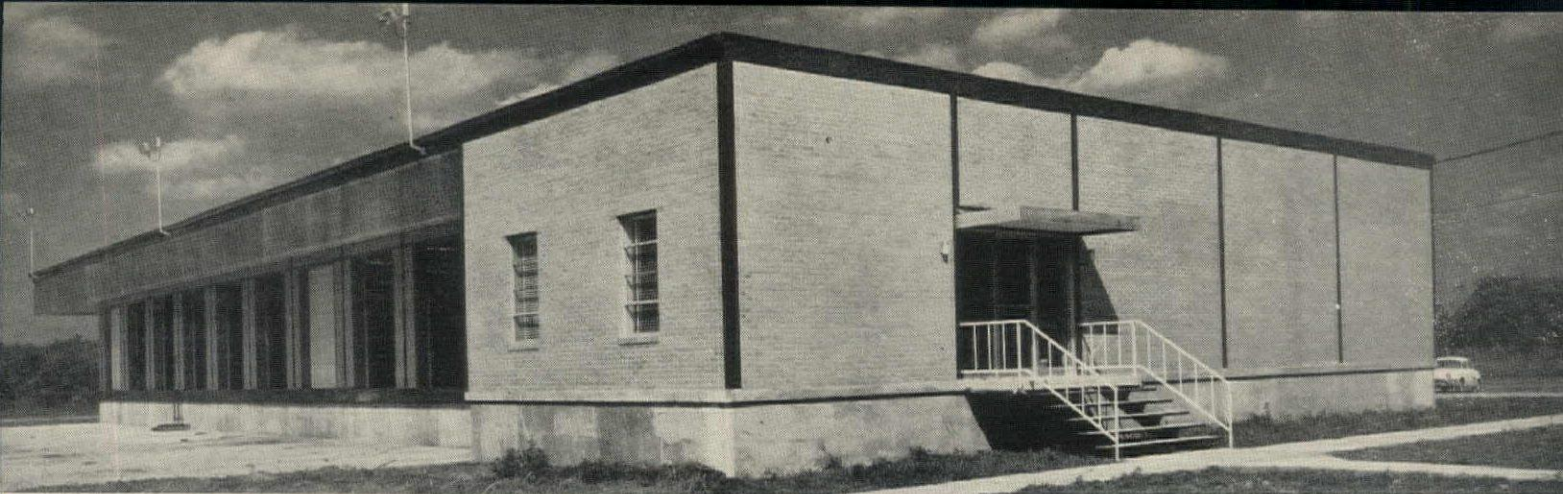
School St. at Aspen Ave. (Greendale)

P. O. Box 9498

Tel.

266-7656

Richmond, Va.



Thurston Motor Lines Terminal SOUTH NORFOLK

LEAVITT ASSOCIATES
Architect & Engineer

THE THURSTON MOTOR LINES, INC., which has its headquarters in Charlotte, North Carolina, operates a fleet of trucks serving points throughout the states of Virginia, South Carolina, North Carolina and Tennessee. To accommodate its rapidly expanding operations in the Tidewater area, a new office and warehouse building on Freeman Avenue in South Norfolk was constructed. It contains 1,850 sq. ft. of office space and 6,200 sq. ft. of warehouse space. There are sufficient

positions to accommodate 20 semi-trailer trucks simultaneously. The floor is constructed at tailgate height to ease loading operations.

The building is constructed of brick masonry and has a complete structural steel roof framing system to provide for future expansions. It is located on a 13-acre site to provide ample space for expansions to the warehouse and to accommodate associated shops and facilities should they be required in this area.

In order to minimize the maintenance and servicing which will be required for the building itself, terrazzo floors are used in the office, walls are plastic faced wallboard, and the mechanical system is a fully automatic air-to-air heat pump which operates throughout all seasons under the simple control of a thermostat in the main office.

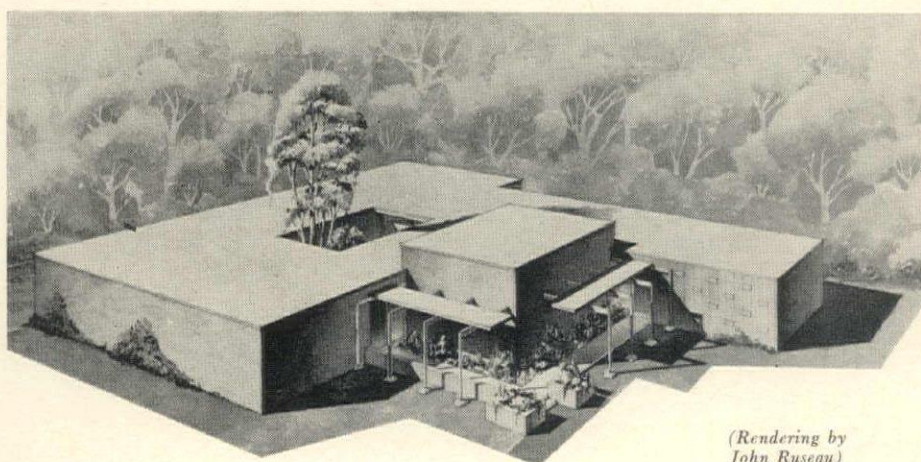
Layout of the office area permits the terminal manager to keep a good visual
(Continued on page 81)

• "A building that is contemporary, functional, free of windows within the offices, and expandable." These are the requirements which William H. Ford III, President of Aztec Associates, holding company of J. R. Ford Company, Inc. asphalt paving contractors, demanded of architect Willard C. Rhodes.

The structure was designed around an interior courtyard utilizing one side of the quadrangle as a reception area and the remaining sides as circulation spaces. Additional requirements were flexibility of room sizes, air conditioning and good lighting. Each of these were met in turn:

To provide a flexible arrangement of office spaces, removable walls were utilized. Future expansion is available in two different directions.

The lack of exterior windows facilitated the air-conditioning design and this was supplemented by the use of utility brick wall construction, filled with waterproof Vermiculite masonry fill. Usage was made throughout the 5300 square foot structure of Owens-Corning Fiberglas "polarizing" panels. The overall effect is one of brightness
(Continued on page 83)



(Rendering by
John Ruseau)

Lynchburg Contractors Building: Aztec Associates

WILLARD C. RHODES, AIA
Architect

M. LYMAN JOHNSON
Consulting Engineer

CONSTRUCTION INDUSTRIES, INC.
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Painting Contractor for Clarence Curtis Elementary School,
page 39.

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Excavating Contractor for the New Women's Gym,
Featured on Page 30 of This Issue.

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Police Administration Building, Featured on Page 32.

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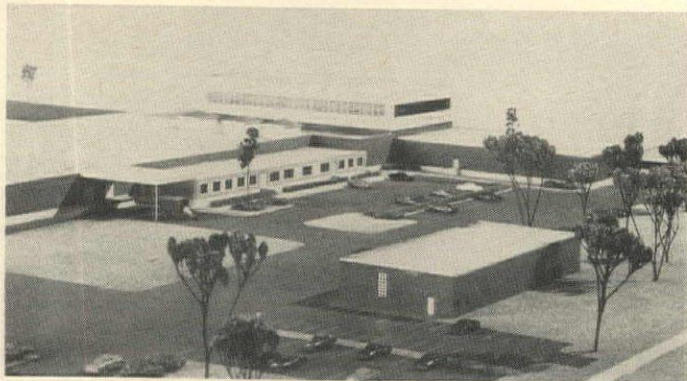
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See the New:
Bank of Dublin—Page 47.
Collinsville Branch Bank—Page 53.
Carroll County Bank—Page 29.
Bank of Hampton Roads—Page 49.

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Closeup of model showing office wing.



IMPERIAL TOBACCO PROCESSING PLANT

**Wilson Branch No. 2,
North Carolina**

E. TUCKER CARLTON, AIA
Architect

THOMAS W. SMITH: Mechanical Engineer

LEO T. GRIFFIN: Electrical Engineer

WILLIAM T. ST. CLAIR: Structural Engineer

T. A. LOVING & CO.
General Contractor

SUBCONTRACTORS & SUPPLIERS

S. M. Cozart Construction Co., Wilson, excavating; Raymond Concrete Pile Div., Raymond International, Inc., Atlanta, Ga., piling; Gray Concrete Pipe Co., Inc., Wilson, concrete, Solite block and brick; Boren Clay Products Co., Spring Garden, masonry supplier.

Bristol Steel & Iron Works, Bristol, Va., steel; C. W. Kirkland Steel Co., Charlotte, roof deck, steel roof deck; Easterby & Moomaw, Inc., Raleigh, steel joists; Waters Bros. Roofing & Sheet Metal Contractors, Rocky Mount, roofing; Superior Block Co., Charlotte, stone work; Withers-Clay-Utley, Inc., Norfolk, Va., windows, "Teleflex" multiple window operators.

Brewer Paint & Wallpaper Co., Inc., Rocky Mount, painting, plastic wall finish; Colonial Flooring & Acoustical Co., Inc., Durham, resilient tile; Bahnson Company, Winston-Salem, humidification system; Edwin C. Boyette & Son, Charlotte, composition flooring; Tomlinson Engineering Co., Charlotte, acoustical.

Jas. A. Smith & Son, Inc., Durham, plaster; Wilson Hardware Co., Wilson, hardware; Atlantic Construction Co., Rocky Mount, rail sidings; The Staley Co., Inc., Richmond, Va., steel doors and bucks; C & S Fence Co., Pacolus, fencing; Watson Electric Construction Co., Wilson, lighting fixtures, electrical work; J. J. Barnes, Inc., plumbing fixtures, plumbing, air conditioning, heating and ventilating; Automatic Sprinkler Corp. of America, Charlotte, automatic sprinkler.

All are North Carolina firms unless otherwise specified.

● Test borings of the site, just south of Highway 301 and paralleling the main north-south tracks of the Atlantic Coast Line Railroad, indicated unsatisfactory soil conditions. It was decided to support the structure on piling and the floor on a five and one-half foot bed of controlled compaction fill. The placement of the fill was contracted for and construction started before the general contract drawings were completed. Some 730 concrete-filled steel shell piles support the reinforced concrete grade beams.

The building is of steel frame supporting steel roof joists with a poured insulating concrete roof deck. Exterior walls are of sand-finish brick with lightweight concrete masonry block back-up. All brick and block walls throughout are reinforced with heavy-duty joint reinforcing to control shrinkage and cracking. This has proven completely satisfactory as walls are entirely free of such defects. All interior walls are of masonry block or brick. The office section walls are faced with a heavy sand-finish light pink Norman brick with cast stone panels and trim. All offices are paneled with custom molded Western Cedar paneling, acoustically ceiled and completely air-conditioned.

The plant floors are of heavy-mesh reinforced concrete, treated for dustproofing in all light traffic areas and heavy Armor-plate treatment in all heavy traffic areas. The high-rise section of the Prize Room, where the huge packers fill a hogshead with one pass of their hydraulic rams, is finished in corrugated asbestos sheet and continuous window bands on all four exposures. All ventilating sections of these windows are operated simultaneously, using Teleflex Controls, providing accurate control of draft conditions.

Receiving and shipping facilities for both truck and rail transportation are provided. Service roads lead to full 57 foot wide canopies providing complete covered unloading for the perishable leaf. Receiving sidings for rail cars are also fully covered. Storage and service facilities for company owned trucks, cars and fork-lift trucks are provided in a separate structure.

The mechanical systems include among other operating facilities a natural gas-oil fired boiler producing 40,000 pounds of steam per hour. One section of the giant plant, 180' x 440', is provided with complete humidification control. The seemingly endless lines of processing machines require electrical service designed for 5,000 amperes using 480 volt current. All phases were designed to provide for possible future expansion of the 300,000 square foot plant, the most modern plant of its kind in the country.

General contractor was T. A. Loving & Co., Goldsboro, N. C., who did also the work on foundations, masonry and carpentry.

Photo of building under construction



PHENIX HIGH SCHOOL, Hampton, completed September 1, 1962, was designed to accommodate 900 pupils. This plant is of irregular design with one 2-story wing which houses the administrative offices; 16 standard classrooms; science, language and nursing labs, and art room. An auditorium seating 1,028; gymnasium with a seating capacity of 900; and music room, are located in the front 1-story wing; while the cafeteria, which seats 400, is located in the rear 1-story wing. This wing also occupies the business classrooms; library, with facilities for audio-visual aid; homemaking and drafting rooms; and 2 shops.

This building has been so designed that all spaces may be utilized to the fullest advantage. The administrative offices have been located near the business classrooms in order that duplicating equipment may be used by both; the general library may be used also as a professional library. The clinic has been placed adjacent to the practical nursing laboratory to permit overflow of clinic activities when necessary, and guidance facilities next to a classroom in order that activities may expand into this area if necessary. The

(Continued on page 65)



PHENIX HIGH SCHOOL

FORREST COILE & ASSOCIATES
Architects

W. BOYCE BLANCHARD
Consulting Engineer

JOHN W. DANIEL & CO., INC.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Hussey & Lowe Contractors, Inc., Newport News, excavating; Southern Materials Co., Inc., Newport News, concrete; Ranhorne & Granger, Inc., Hampton, masonry contractor; Montague-Betts Co., Inc., Lynchburg, steel; R. C. Mahone Co., Detroit, Mich., steel roof deck; Fowler Roofing Co., Inc., Norfolk, roofing; Economy Cast Stone Co., Richmond, stone work; Artex Corp., Summerville, S. C., windows.
Also, Pittsburgh Plate Glass Co., Hampton, glazing; Shaw Paint & Wall Paper Co., Inc., Norfolk, painting; C. E. Thurston & Sons, Inc.,

Norfolk, insulation; Febré & Co. of Newport News, Inc., plaster; Ceramic Tile & Marble Co., Hampton, ceramic tile; Southeastern Tile & Rug Co., Inc., resilient tile; George Roberts Lumber Co., Charlotte, N. C., wood flooring.
Ruffin & Payne, Inc., Richmond, millwork; American Steel Product Corp., Brooklyn, N. Y., steel doors and bucks; Smith & Keene Electrical Service, Newport News, electrical work; Hungerford, Inc., Richmond, heating and ventilating; Tom Jones Hardware Co., Inc., Richmond, hardware.

First Mortgage Corporation, Willow Lawn

FIRST MORTGAGE CORPORATION now occupies its new office building on Willow Lawn Drive, across from the Willow Lawn Shopping Center, in Richmond. The First Mortgage Corporation is a state-wide lending agency. Designed by David Warren Hardwicke and Associates, Richmond, and completed this fall by Thorington Construction Company, Inc., it has a total area of 27,480 sq. ft.

The ground area of the building is used mainly for parking with only the fire stairs, mechanical room and entrance lobby located on the ground. The first and second floors are reached

DAVID WARREN HARDWICKE
& ASSOCIATES
Architects

HANSON & CRAIG
Structural Engineers

SPRATLEY & VANSANT
Consulting Engineers

THORINGTON CONSTRUCTION CO., INC.
General Contractor

by an elevator. First Mortgage Corporation occupies the first floor and one-fourth of the second floor. The balance of the second floor is being leased for short terms and will provide expansion room for First Mortgage.

The basic structural system is poured in place reinforced concrete. On the exterior of the building the concrete is exposed and has been finished with contrasting surfaces of rough hammered and smooth texture. Over the parking area is a suspended ceiling of sand finish plaster. The sides of the building are characterized by two story

(Continued on page 70)



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Building featured on Page 49.

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RICHMOND, VIRGINIA

Roof Deck for J. A. Chalkley Elementary School.
See Page 50.

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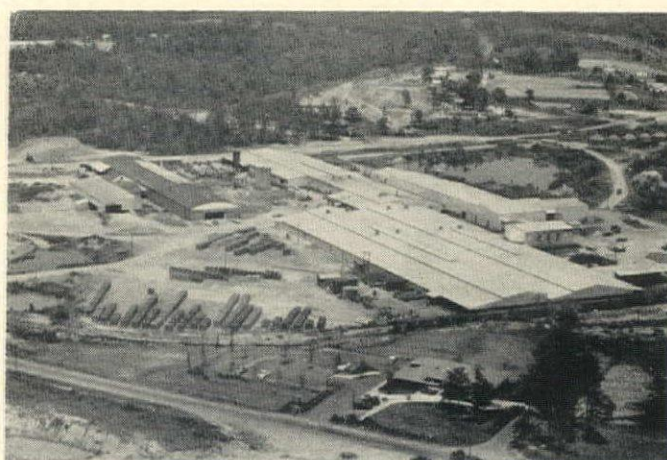
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New Marion High School SMYTH COUNTY

• Marion Senior High School was constructed for a total contract cost of \$719,500.00, containing 64,632 square feet for a unit price of 71 cents per cu. ft., and \$11.13 per sq. ft. The contract included site improvements and kitchen equipment.

The fixed equipment cost, not including students' desk and chairs, was \$61,496.00; concrete caisson foundation —\$32,832.00.

Some of the outstanding features of this school are as follows:

The auditorium seats 1000, being used as a community service. The Mathematics Lab has been commended and publicized by the V. E. A. These labs are equipped with the very latest in teaching facilities, including an auxiliary AC-DC panel for conducting experiments.

The balance of the school is furnished with the Brunswick Corporation's latest development in school equipment.

Trinkle & Dobyns, Inc., Dublin, was general contractor, doing also the work on foundations and concrete. Sub-contractors and suppliers included the following:

O. E. Sayers, Marion, excavating; McKinney Drilling Co., Alexandria, caisson work; General Shale Products Corp., Johnson City, Tenn., masonry supplier; Tom Sawyers, Marion, masonry contractor; Structural Steel Co., Inc., Roanoke, steel; Engineering Sales Corp. (Truscon), Bristol, windows, steel roof deck; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete.

Industrial Decking & Roofing Co., Inc., Bristol, insulation, roofing; Southern Cast Stone Co., Knoxville, Tenn., stone work; Binswanger Glass Co., Roanoke, glazing; Tilley Paint Co., Pulaski, painting, plastic wall finish; Metropolitan Tile Co., Canton, Ohio, structural tile; Joe Rainero Tile Co., Bristol, terrazzo, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient

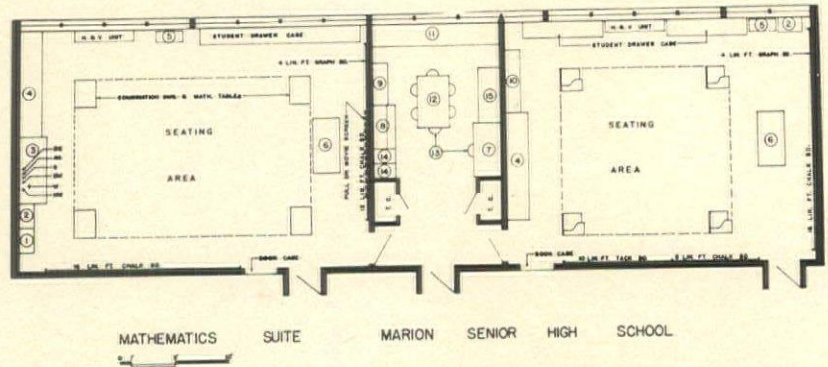
tile, acoustical.

A. C. Horn Corp., New York, N. Y., waterproofing; Zero Weatherstripping Co., New York, N. Y., weatherstripping; K. W. Jackson Co., Kingsport, Tenn., plaster; Montague-Betts Co., Inc., Lynchburg, (Corbin) hardware; City Lumber Co., Knoxville, Tenn., millwork, wood flooring; Williamsburg Steel Products, through Roanoke agent, steel doors and bucks; Southwestern Electric Co., Roanoke, electrical work—Perfeclite fixtures; Barnette, Inc., Richlands, (American-Standard) plumbing, heating and ventilating.

Engineering Sales, Bristol, supplied metal lockers, and William P. Swartz, Jr. & Co., Inc., Roanoke, kitchen equipment.

ECHOLS-SPARGER & ASSOCIATES
Architects-Engineers

TRINKLE & DOBYNS, INC.: General Contractor

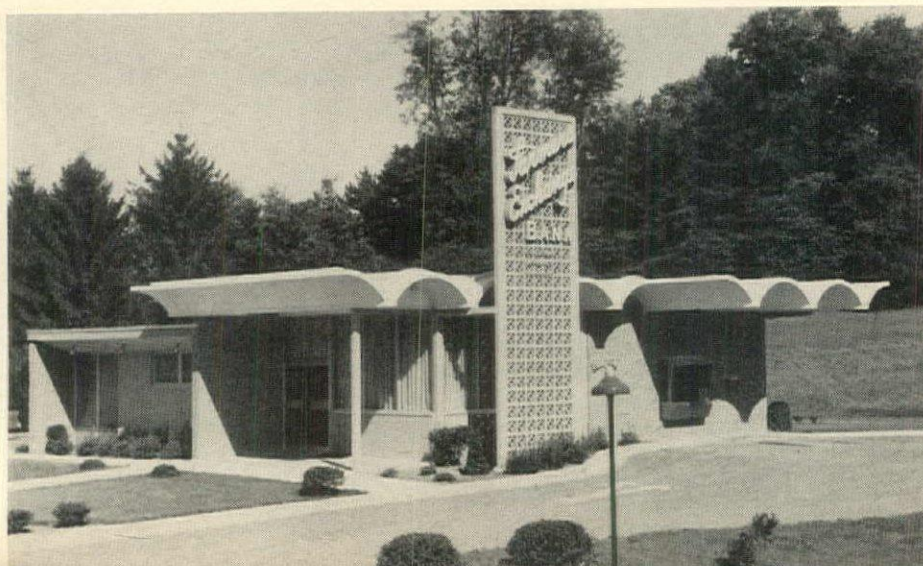


FARMERS EXCHANGE BANK NEAR BRISTOL

ECHOLS-SPARGER & ASSOCIATES
Architects-Engineers

RICHARD E. PHILLIPPI, INC.
General Contractor

TOWNE & COUNTRY
Interior Decorator



• The Farmers Exchange Bank's Bristol Branch is located east of the city in Washington County. On a 7½ acre site, it fronts on U.S. Highway 11 near the Interstate 81 interchange.

Designed by Echols-Sparger & Associates of Marion, provision is made for drive-in facilities at present with space allocation for a complete banking operation in the future.

The building is square, measuring 48 feet on each side. It is roofed with pre-stressed concrete vaults covered with built-up roofing.

(Continued on page 85)

BANK OF DUBLIN

SMITHEY & BOYNTON
Architects

TRINKLE & DOBYNS, INC.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Old Virginia Brick Co., Inc., Salem, masonry supplier; Roanoke Iron & Bridge Works, Roanoke, steel; Wheeling Corrugating Co., Wheeling, W. Va., steel roof deck; T. L. Kirby, Radford, roofing; Joe Rainero Tile Co., Bristol, stone work, terrazzo; Roanoke Engineering Sales Co., Roanoke, (Mesker Bros.) windows, (Erveen Company) window walls.

Pittsburgh Plate Glass Co., Roanoke, glazing; Tilley Paint Company, Pulaski, painting; Charles J. Krebs Co., Roanoke, resilient tile; J. M. O'Neil, Roanoke, acoustical; J. R. Van Hoy, Newbern, plaster; Graves-Humphreys, Inc., Roanoke, hardware; Valley Metal Products Corp., Roanoke, steel doors and bucks; D. W. Allen & Son, Hillsville, electrical work.

Harris Plumbing & Heating, Radford, plumbing, heating; Diebold, Inc., Baltimore, Md., vault work; American Furniture & Fixture Co., Inc., Richmond, furniture and fixtures.



THIS NEW BANK now under construction is representative of the progressiveness of this Southwest Virginia area, given additional impetus recently by the completion of the New River Valley Airport close by. The bank is located on the north side of Route 11, near the intersection of State Route 100.

Entering the main public banking room, the customer directly faces the tellers counter. Space is provided for five tellers and a note department. This high-ceilinged room which is two full stories in height also contains the officers space and an entry to the main vault. Adjacent to the vault is a private conference room-office which projects from the building as a one story wing. A drive-in window is at the opposite end. A bookkeeping room, book vault, toilets, and a stairway to the second floor complete the elements on the first floor. This stairway is easily attainable from a rear parking space.

The second floor contains a balcony

at the head of the stairway overlooking the public banking space below. This balcony leads to the Board of Directors Room, which will also be available to community groups for meetings. Also, on the second floor level is a record vault, toilets and a mechanical equipment room containing three heat pump units.

The lower portion of entire south-front is glass—enclosed to present as open an aspect to the public as possible. A canopy provides protection from the sun and serves as cover for one of the main approaches to the bank. Brick is generally used as facing material; buff-colored sandstone accents the main entry and the vault; porcelain enamel is used for window wall panels and gravel stops.

The cost of this building is \$84,647.00 including site development, but not including interior furnishings and fixtures. Net building unit cost is \$17.65 per sq. ft.

SOUTHWEST DISTRICT HEALTH OFFICE AND LABORATORY AT ABINGDON

CHARLES B. McELROY, AIA
Architect

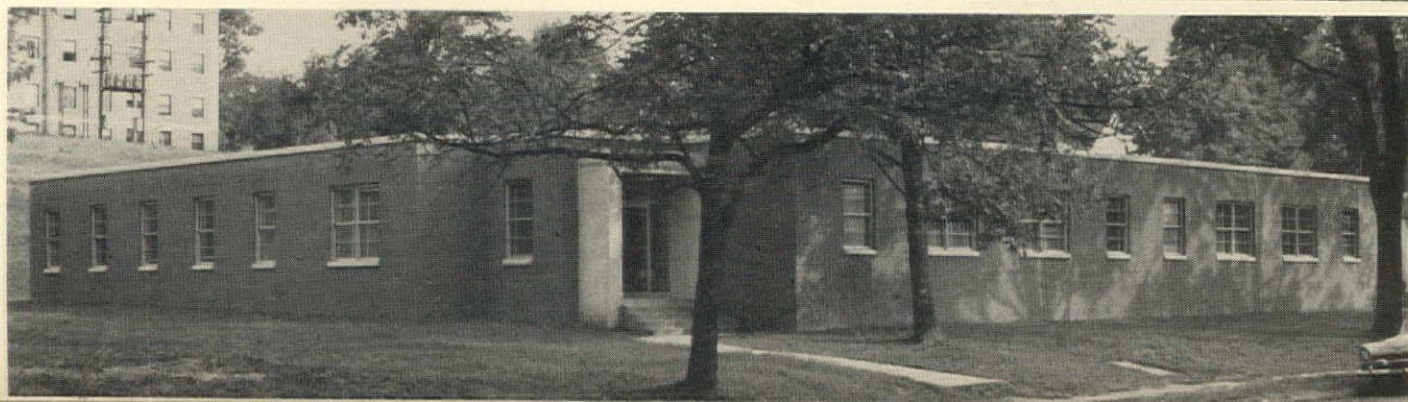
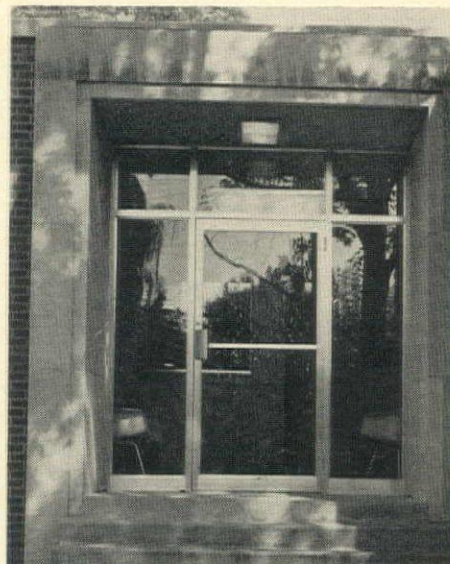
LOEST & STANLEY
Consulting Engineers
Mechanical, Electrical, Plumbing

CLICK CONSTRUCTION CO., INC.
General Contractor

• The Southwest District Health Office and Laboratory building was completed in September of this year. The building is an ell-shaped, one story building, 115 feet across the face with the leg of the ell extending 95 feet toward the rear.

The public entrance of the building is located at the ell, with a public lobby common to both the District Offices and to the laboratory portion of the building. The building is completely air conditioned, with a four zone cen-

(Continued on page 85)



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- Federal Office Building, Page 17.
- First Mortgage Corp., Page 44.
- Albemarle Building, Page 27.
- Central State Hospital, Page 38.
- Women's Gymnasium, William & Mary, Page 30.
- Virginia Baptist Building, Page 18.
- Addition to Richmond Eye Hospital, Page 34.



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NASHVILLE, TENN.
GULFPORT, MISS.
MOBILE, ALA.
ORLANDO, FLA.

Electrical Contractors:

- Pembroke Towers, Page 24.
- Federal Office Building, Page 17.



HAMPTON ROADS BRANCH BANK

FORREST COILE & ASSOCIATES: Architects

W. BOYCE BLANCHARD: Consulting Engineer

M. R. PILAND & SON: General Contractor

THIS COMPACT branch bank was designed to answer the needs of the drive-in service and walk-up service which would serve pedestrians from a new shopping center immediately across from this site.

To make the best use of a somewhat small site, and to keep as much usable floor area as possible, the equipment room was placed above the vault, offices and employees' lunch area and enveloped with the same solar screen that was placed in the lobby, thus creating a unity of design to fit the

Benson-Phillips Co., Inc., concrete; R. R. Hedrick Brick & Stone Contracting Co., Inc., masonry contractor; Brown & Grist, Inc., windows; Twin City Electric Corp., electrical work; Wood Plumbing Co., Inc., heating and plumbing; Payne Air Corp., air conditioning; C. F. Wright & Sons Steel Works, steel. All are Newport News firms.

Others were Hall-Hodges Co., Inc., Norfolk, steel roof deck; Clarke Sheet Metal Works, Hampton, roofing; Walker & Laberge Co., Inc., Norfolk, glazing; Ceramic Tile & Marble Co., Hampton, ceramic tile; Southern Tile Co., Inc., resilient tile; Door Engineering, Norfolk, steel doors and bucks; Newman Bros., Inc., Cincinnati, Ohio, handrails; Livers Bronze Co., Kansas City, Mo.; American Furniture & Fixture Co., Inc., Richmond, furniture and fixtures.

simplicity of the entire site arrangement.

The materials used were block back-up and glazed brick exterior, painted steel frame expressed on exterior, painted block interior, vinyl asbestos floors and a focal point of glazed 1" x 1" ceramic tile on the face of the vault. The office and vault end wall are framed in walnut with acoustic plaster ceiling in lobby with recessed fluorescent fixtures. The entire building is air-conditioned, and heated by fin-tube radiation.

• The American National Red Cross, Roanoke County Chapter and the Red Cross Appalachian Blood Center will combine their operations in a new home to be located in Roanoke at the site of the present Chapter office, 352 Church Avenue, S. W. This 64' x 115' two story building includes complete facilities for collection and processing of blood, plus quarters for the various functions of the Chapter.

Construction was started in September by Martin Brothers, Contractors, Inc., whose low bid of \$182,700.00 was well under the appropriated amount for this project. The building is scheduled for completion in March 1963.

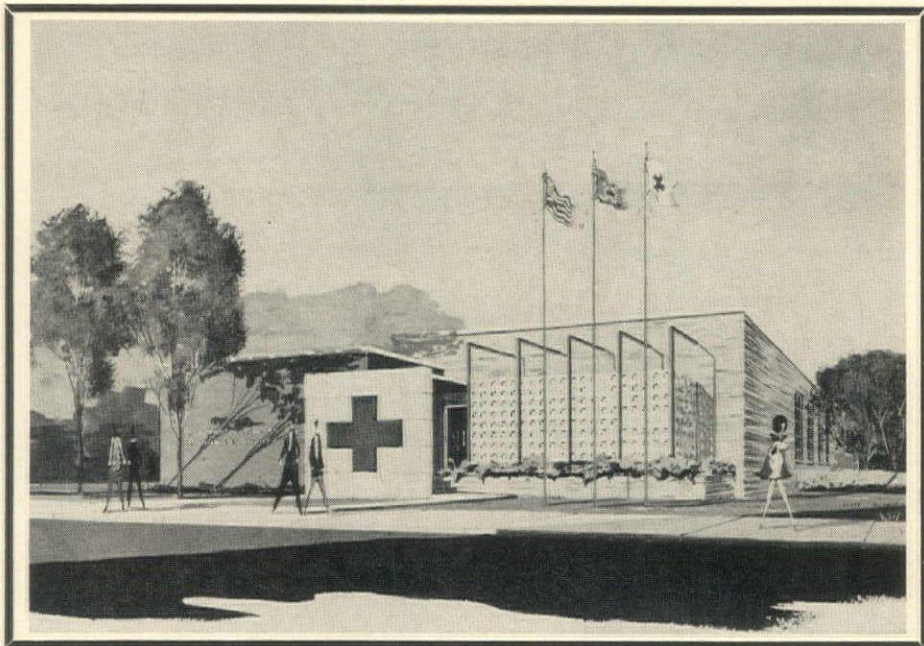
The basic construction of this completely year round conditioned building is to be Solite Concrete masonry units, brick faced, bar joist and concrete floor slab and metal roof deck. All interior walls to be exposed masonry units painted, floors to be covered with vinyl asbestos tile and ceilings to be Armstrongs Fire-Guard suspended acoustical tile.

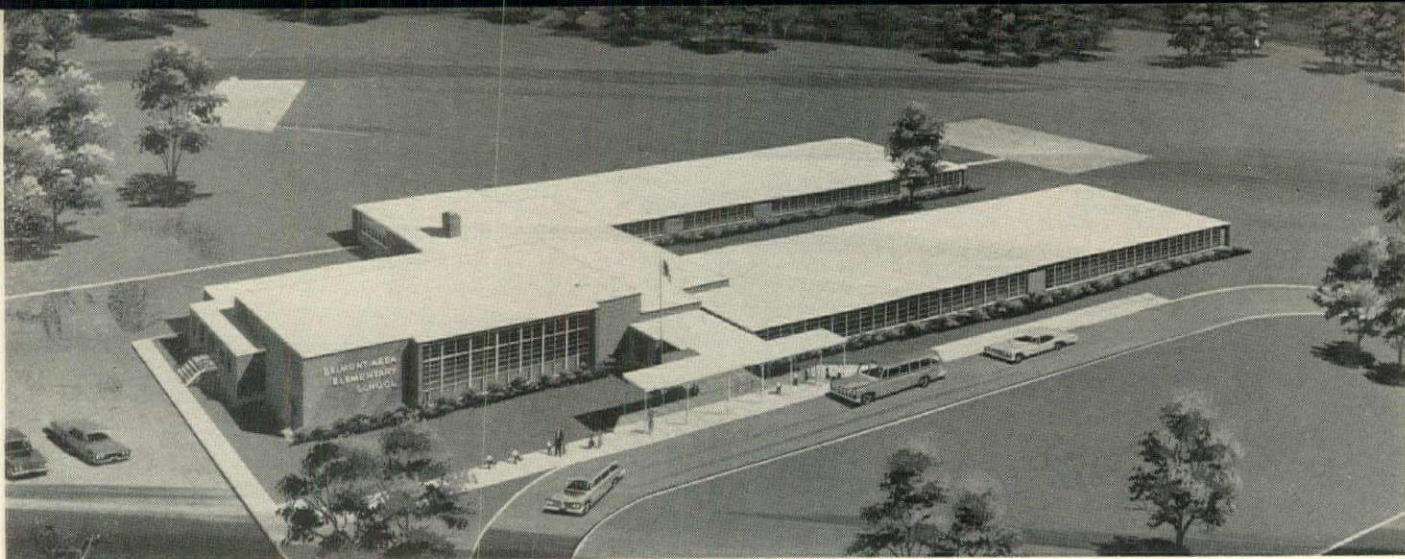
(Continued on page 69)

ROANOKE COUNTY RED CROSS CHAPTER BUILDING

J. GARRY CLAY, AIA
Architect

MARTIN BROTHERS, CONTRACTORS, INC.: General Contractors





CHESTERFIELD COUNTY SCHOOL

G. B. PEASELEY, JR.
Electrical Consultant

DIXON & NORMAN
Architects

AUSTIN BROCKENBROUGH & ASSOCIATES
Sanitary Consultants

THE J. A. CHALKLEY ELEMENTARY SCHOOL is located on a 20 acre site on Turner Road, south of Route 360, in the Northlake Hills subdivision of Chesterfield County. Designed by Dixon and Norman, Architects, it contains 21 elementary classrooms to accommodate 630 pupils in grades 1 through 7.

In addition to the classrooms, there is a multi-purpose room with a stage and kitchen facilities. The library consists of two reading rooms and work, conference and audio visual rooms. There is also a teachers' lounge with a separate teachers' work center, an administrative suite and a health suite.

Of one floor design, the building is constructed with a concrete slab on grade which is finished with terrazzo corridors and vinyl and asphalt tile elsewhere.

The exterior walls are cavity type

ENGLISH CONSTRUCTION CO., INC.
General Contractor

The general contractor, English Construction Co., Inc., of Altavista, also handled the work on excavating, foundations, concrete, structural tile, wood flooring and carpentry and served as masonry supplier and contractor. Principal subcontractors and suppliers included:

Liphart Steel Co., Inc., Richmond, handrails, steel; J. B. Eurell Co., Richmond, roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, ventilating, roofing; Economy Cast Stone Co., Richmond, stone work; Truscon Steel Div., Republic Steel Corp., Richmond, windows; Sash, Door & Glass Corp., Richmond, glazing; H. D. White & Co., Lynchburg, painting, waterproofing.

Others were Stonnell-Satterwhite, Inc., Richmond, ceramic tile, terrazzo; McL. T. O'Ferrall & Co., Richmond, resilient tile, insulation, acoustical; Tom Jones Hardware Co., Inc., Richmond, hardware; Mottley Construction Co., Inc., Farmville, millwork; The Dages Co., Richmond, steel doors and bucks.

Also, L. W. Roberts Co., Richmond, lighting fixtures; W. M. Bowman, Inc., Petersburg, electric heating, electrical work; J. H. Cothran Co., Inc., Altavista, plumbing—American-Standard fixtures; Richards-Wilcox Mfg. Co., Ashland, folding partitions.

with insulation. Interior partitions are of masonry block. The roof is gypsum deck covered with a built up surface and supported by a steel joist system. The corridors have a wainscot of ceramic glazed tile and are painted above.

All ceilings are suspended and are of acoustical tile. Insulation is located above the ceiling. The toilets have terrazzo floors, glazed tile wainscot, painted walls and plaster ceilings.

The multi-purpose room has an exterior wall of porcelain faced panels containing extensive glass areas.

The building is heated by electricity with individually controlled unit ventilators in each class room. There is a separate driveway for cars and buses and parking facilities for the faculty and visitors. Play areas for the pupils are hard surfaced. The building is served by an on-site sewage disposal system.

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Roofing Contractors for Marion Senior High School, Page 46,
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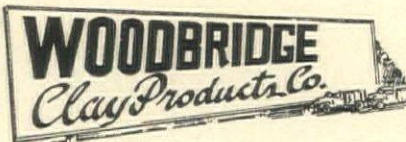
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Masonry Supplier for the Fred M. Lynn School, Page 55

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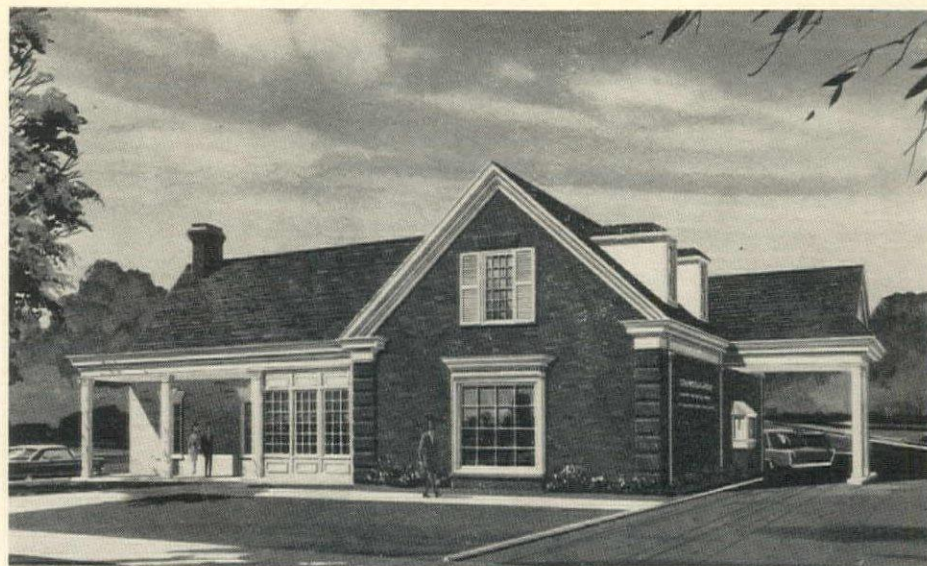
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ROBERT M. WRIGHT, CONTRACTOR, INC.
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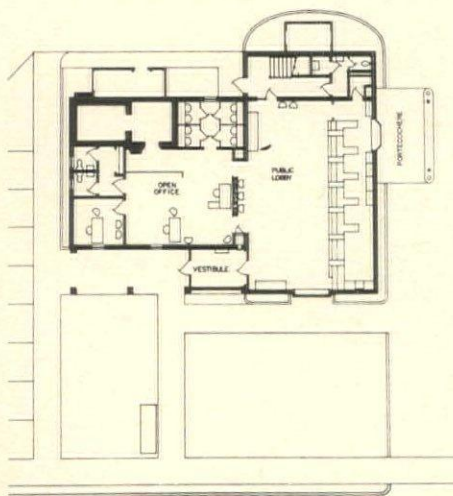
AMERICAN FURNITURE & FIXTURE CO. INC.
Interiors



The latest addition to the county and city banking system of the First National Bank of Martinsville and Henry County is located in Collinsville, a heavily populated and shopping center village of Henry County. This branch office is located an equal distance from the industrial centers of Martinsville, Bassett, and Fieldale.

The building is of Colonial design as requested by the owners due to the location in a residential district. Adequate parking area is provided with entrances from two highways. The night depository, which is in an enclosed vestibule, and the drive-in banking window are used to full advantage by the many patrons in the surrounding area.

The interior is of cherry paneling, scenic wallpaper, draperies, and vinyl tile flooring. A meeting room is provided in the second story attic space which is accessible by means of exterior door and stairway separate from the banking facilities. The room is air



conditioned and is at the disposal of civic and business organizations in the community.

The central office of the First National Bank is located in downtown Martinsville. Other offices are located in South Martinsville, Druid Hills, and Fieldale.

Robert M. Wright, Contractor, Inc., Bassett, was general contractor and did the work on foundations, masonry, wood roof deck, carpentry, resilient tile, waterproofing, weatherstripping, insulation, structural wood, and paneling.

Other suppliers and subcontractors were Covington & Jefferson Asphalt Paving, Martinsville, excavating; Williams Ready Mix Concrete, Martinsville, concrete; Webster Brick Co., Inc., Roanoke, masonry supplier; Martinsville Iron & Steel Co., Martinsville, handrails, hardware, steel; Helms Roofing Co., Martinsville, roofing.

Also, Building Supply Co., Inc., Martinsville, windows, millwork, paneling; Binswanger Glass Co., Greensboro, N. C., glazing, steel doors and bucks; Richard L. Shough, Martinsville painting, plastic wall finish and wallpaper; Hite Tile Co., Collinsville, ceramic tile; Lee Brothers Electrical Co., Martinsville, lighting fixtures, electrical work; Hackler-Seymour Metal Works, Inc., Martinsville, plumbing fixtures, plumbing; Virginia Blower Co., Collinsville, air conditioning, heating and ventilating.

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Excavating and Grading for Office Building, Aztec Corporation, Page 41.

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General Contractor

• The Fred M. Lynn School, presently under construction, has presented a challenge to all concerned with the project from its inception.

The challenge to the School Board and tax payers of Prince William County was one of finances. Prince William County in recent years has felt the tremendous expansion of the Washington Metropolitan Area within its boundaries. Woodbridge particularly has not only experienced a population increase of approximately ten times its size of ten years ago, but is affected by the transient nature of a service area with Fort Belvoir and Quantico Marine Base near by. The County found itself faced with a staggering number of children to educate on a rural County tax base. Financial help was sought and obtained through the Housing and Home Finance Agency of the U. S. Government for this federally impacted area.

The project challenged the architects, H. D. Nottingham & Associates, because the firm was entering the very competitive field of School Design for the first time. At the architect's suggestion of saving in excess of \$50,000 by combining a 1000-student junior high school with a 600-student elementary school to be built on the same 30 acre site, the project took the shape of a combined split level Elementary and Junior High School.

Stuart Beville, Superintendent of Schools, particularly found this combined scheme challenging from an educational standpoint. He plans to

place one of his most progressive principals in charge of the school to carry on an experimental program whereby mature and precocious elementary students may take advantage of the facilities of the junior high school, and the slower junior high student will have access to the elementary school library and special instruction classes to bring his educational level up to par, or if not possible, to let him seek reading material and interests compatible to his intellectual level.

The first increment of construction provides for a complete 600-student elementary school and the chassis for a 1000-student Junior High School with facilities for 550 junior high students initially. Working drawings are presently under way for the final increment which includes a gymnasium, industrial art shops, band and choral suites and classrooms for an additional 450 students.

A contract awarded in the amount of \$736,600 includes \$66,000 for site

work. The square foot cost for the building less the site work resulted in a new low figure of \$8.44 for schools in the Northern Virginia Area.

M. L. Whitlow, Inc., Alexandria, is general contractor, and is also doing the work on foundations and carpentry. Principal subcontractors and suppliers are as follows:

Martin & Glass, Inc., Merrifield, excavating; Virginia Concrete Co., Inc., Springfield, concrete; Woodbridge Clay Products Co., Manassas, masonry supplier, Innamorato & Pavone Co., Alexandria, masonry contractor; Arlington Iron Works, Inc., Arlington, steel.

Rose Brothers, Co., Arlington, roofing; Arban & Carosi, Inc., Alexandria, stone work; Cupples Products Corp., Washington D. C. windows; Allen Glass Co., Inc., Alexandria, glazing; Arlington Maintenance Co., Arlington, painting; Specialty Coating Co., Silver Spring, Md., plastic wall finish; McClary Tile, Inc., Annandale, ceramic tile.

Printz Floor Co., Inc., Arlington, resilient tile; Southern Floors & Acoustics, Inc., Arlington, acoustical; Dodd Bros., Inc., Falls Church, plaster; Dewey Hardware Co., Arlington, hardware; Lank Woodwork Co., Inc., Washington, millwork; Shone Building Products, Washington, D. C., steel doors and bucks; Trovato Electric Co., Inc., Arlington, electrical work; F. W. Harris, Inc., Annandale, plumbing, heating and ventilating; Natural Slate Blackboard Co., Pen Argyl, Pa., chalk and tackboards.

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Second International

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To Be Held in February

• Mazatlan, Mexico will be the locale for the Second International Decking and Lamination Conference during the first week in February 1963.

This meeting will emphasize outstanding lamination and decking structures in Latin America, the United States and Canada—with their designers and builders in attendance to explain concept of design and unique technical building aspects involved.

One featured structure is to be the immense "El Centro Civico," recently completed at Puebla, Mexico, commemorating the city's 500th anniversary. Of interest, too, will be explanation of the Lamella construction by Walter Knoll, structural engineer from St. Louis and participation in the meeting of Charles Woodworth, vice president of Timber Laminators, Inc. Mr. Woodworth wrote the wood lamination section of the Douglas Fir Usage book, published by the West Coast Lumbermen's Association, which won the A. I. A. award as best single publication on wood usage for architects.

Also present will be Engineer Federico Martinez de Hoyos, designer and builder of "El Centro Civico" who will illustrate techniques which made possible this amazing structure. Also in attendance will be personnel from Dana-Deck—which firm, in joint sponsorship with Kootenay Forest Products, Ltd., made possible the First International Decking and Lamination Conference held in British Columbia in 1961.

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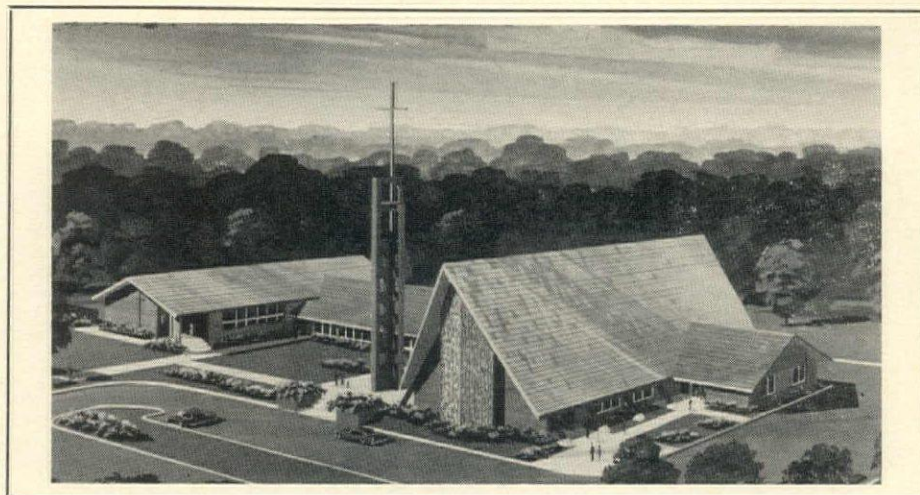
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THE PROPOSED St. Philip Evangelical Lutheran Church is to be built on a corner lot fronting on U.S. Route No. 117 and Deer Branch Road in North Roanoke County.

The small congregation now holding services in a House Chapel plan the development of their new church in a three stage program. The first unit of construction is to be approximately 4,000 sq. ft. of floor space, containing one classroom each for all Sunday School Classes, and a small Chapel to seat 108, including Choir. The second stage of construction will contain the permanent Nave, seating approximately 225, Pastor's Study, Church Office, Library, Choir Room and additional Class Rooms. Upon the construction of the second unit, the Chapel in the first

unit will be converted to Class Rooms.

The third stage of construction will include a large Fellowship Hall, Stage, Kitchen, Storage Rooms, and Scout Room. Until such time as the third stage is constructed, the congregation will continue to use the existing House Chapel for a Fellowship Hall. Upon the construction of the third stage the House Chapel will either be moved to another location or demolished.

The first unit of construction, which in the overall scheme is the connecting length between the permanent Nave and Fellowship Hall, will be concrete slab on earth, with brick and concrete block exterior walls.

The roof construction will span the width of the building with laminated wood beams at 10' 0" o.c.; three inch thick mill plank deck and slate roof.

Interior partitions will be exposed concrete block, painted. Floor to be vinyl asbestos. Most areas will have exposed plank deck ceilings. The corridor will have a suspended acoustic tile ceiling which will serve as an air plenum.

Windows will be architectural projected steel with the top operating sections removed and fixed glass installed.

The first unit will be heated and air conditioned with the two heat pumps. The heating elements will be removed from the units and placed in each room in order to allow individual room control. Construction of the first unit will begin the latter part of 1962.

Sowers, Rodes, and Whitescarver of Roanoke, Virginia are Engineers for the Heating, Plumbing, Electrical and Air Conditioning work.

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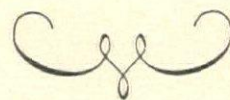
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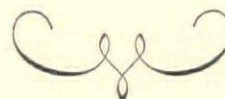


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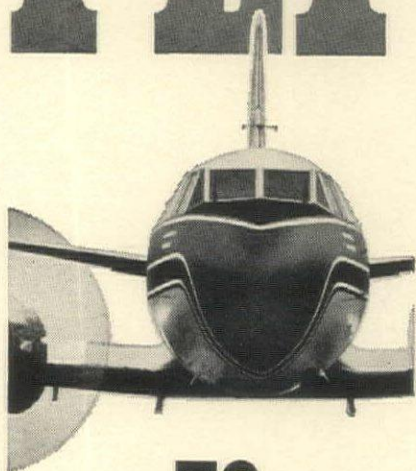
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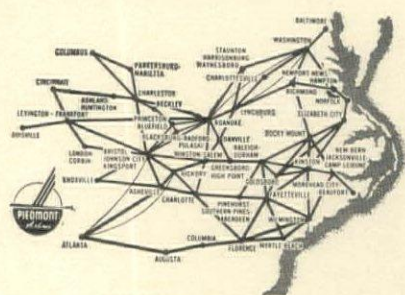
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VIRGINIA BUSINESS PROFILE

Stanley Furniture President Retires; New Officers Announced

● At a meeting of the Board of Directors of the Stanley Furniture Company, Stanleytown, Virginia, held this summer, Thos. B. Stanley, Sr., tendered his resignation as President to be effective on July 16, his 72nd birthday, after serving as its first and only President for more than 38 years. He was then elected to the Chairmanship of the Board and will continue on active duty as Chairman retaining the office of Treasurer which he has held since the Company was organized. Thos. B. Stanley, Jr., formerly Executive Vice President and General Manager, was elected President succeeding his father. He was succeeded in the office of Executive Vice President by his brother, John David Stanley, who is in charge of Production. H. H. Chatham is Vice President and General Sales Manager, H. N. Wright is Vice President and Secretary, and G. R. Holsclaw is Vice President and General Superintendent.

New officers named were H. E. Barnes, Vice President and Plant Manager; J. M. Parsons, Vice President and Plant Manager, and C. R. Peters, Jr., who has been As-

stant Sales Manager, was named Assistant Vice President and retains the position of Assistant Sales Manager.

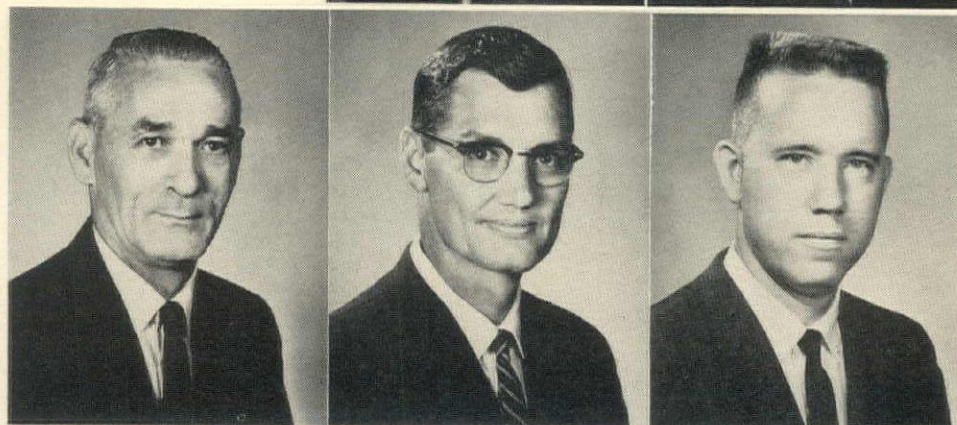
The company was organized April 7, 1924, by Thos. B. Stanley, his late brother John W. Stanley, and his nephew Fred A. Stanley, now President of Pulaski Furniture Corporation. In its first six years it produced only dining room furniture. The many calls it had for bedroom furniture prompted the Board of Directors in 1929 to double the plant size and increase production 100%. Again in 1950, it expanded by building new dry kilns, converting the former ones into dry lumber storage and erecting a three story addition.

Need for more production soon became evident and the decision was reached in 1956 to expand with a modern one story steel and brick building covering seven acres. This new plant and related facilities represented an investment of \$4,250,000.00. Operation of this plant has doubled production.

The need for continued growth again became apparent last year and Stanley's expansion program for 1962 will amount to \$1,000,000.00.

NEW OFFICERS: STANLEY FURNITURE COMPANY

Top row, left: Thos. B. Stanley, Jr.; right, John David Stanley. Second row, left to right: H. E. Barnes, J. M. Parsons, C. R. Peters, Jr.



Photos by Remsen Studio, Martinsville

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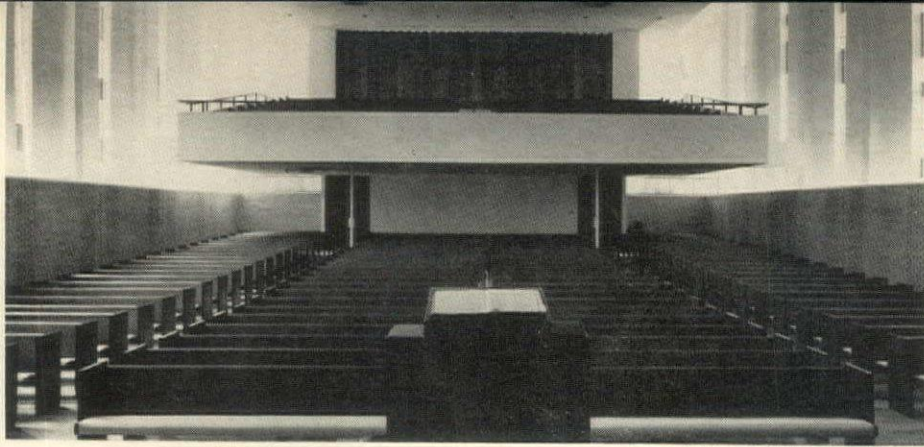
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(Continued from page 33)

structure should be light and airy, using contemporary materials economically suited to the enclosure of the required space, with the obvious requirement that the complete structure should read as a religious type of building. The Sanctuary should appear to be a Sanctuary. The Educational Section should project the feeling of Christian Education. In addition to requirements con-

cerning the architectural concept, adequate parking for several hundred cars was planned to the rear of the physical plant, inasmuch as the location of the site on a main highway prohibited any off-site parking.

With these requirements in hand, and with considerable assistance from the Pastor, The Reverend Jack Hill, the
(Continued on next page)



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Page 53.

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Western Branch (from page 61)

Architects proceeded to complete a program of space requirements which was approved by the Building Committee. Construction was completed by the summer of 1962. The Sanctuary area contains approximately 7700 sq. ft., while the Educational Section and Administration Areas contain approximately 22,300 sq. ft. Final cost of construction, including site work, was \$363,620. Based on these figures and cost estimates, the Sanctuary area cost approximately \$21 per sq. ft., and the Educational area approximately \$9 per sq. ft. These costs are exclusive of architectural fees and furnishings, but include some minor equipment.

The Sanctuary portion of the building is steel framed, with the upper portion of the exterior walls formed of precast concrete panels with exposed aggregate. Tinted glass windows occupy the 2-ft. wide spaces between the suspended panels and with brilliant hues of blue, red, yellow and green glass give color accent to the building. During the day the colored glass gives its sparkle to the interior, while at night the effect is reversed and interior illumination spills out from between the panels and along the bottom edge. The front, or east facade, is largely composed of precast units with deep yellow glass inserts, forming a brilliant colored screen, again illuminated from the outside during the day and from the inside at night. The entire precast screen is suspended from the structural

(Continued on page 64)

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MADISON HEIGHTS, VIRGINIA

Western Branch (from page 62)

frame above. The lower portion of the exterior walls are exposed salmon-tan masonry, both inside and out. At the southeast corner, dominating the east facade, is the triple cross tower, which gives the structure its strongest religious feeling. These crosses are formed of painted rectangular steel tubing with welded joints and are anchored to concrete foundations. The entire Sanctuary is set on an earth platform, graded to the surrounding site. Sidewalks are located at the main front entrances for the discharge of automotive passengers.

The Educational wing is primarily load-bearing construction with interior partitions of exposed painted masonry block and plaster ceilings. Resilient tile floors are used throughout both Sanctuary and Educational wing areas. All windows are aluminum framed, as are also the main entrance doorways. Built-up roofing covers both Sanctuary and Educational areas.

Conrad Brothers, Inc., Norfolk, was general contractor, and also did the work on excavating, foundations, concrete, carpentry, weatherstripping, insulation, structural wood, wood flooring and aluminum handrails. Principal sub-contractors and suppliers included:

Batchelder & Collins, Inc., Norfolk, masonry supplier; Snow, Jr. & King, Inc., Norfolk, masonry contractor; Standard Iron & Steel Co., Inc., Norfolk, steel; Hall-Hodges Co., Inc., Norfolk, steel doors and bucks, steel roof deck; Economy Cast Stone Co., Richmond, precast concrete wall panels.

American Sheet Metal Corp., Norfolk, roofing, waterproofing; Brown & Grist, Inc., Hampton, windows; Walker & Loberge Co., Inc., Norfolk, glazing, aluminum entrances; E. Caligari & Son, Inc., Norfolk, painting; Joshua Swain & Co., Inc., Portsmouth, ceramic tile; Grover L. White, Inc., Norfolk, resilient tile; A. D. Stowe, Portsmouth, acoustical plaster, plaster; Ajax Co., Inc., Norfolk, terrazzo.

Seaboard Paint & Supply Co., Inc., Norfolk, hardware; Portsmouth Lumber Corp., Portsmouth, millwork; John A. Bender, Portsmouth, lighting fixtures, electrical work; Adams Bros. Plumbing Corp., Virginia Beach, plumbing fixtures, plumbing, air conditioning, heating, ventilating and audio system.

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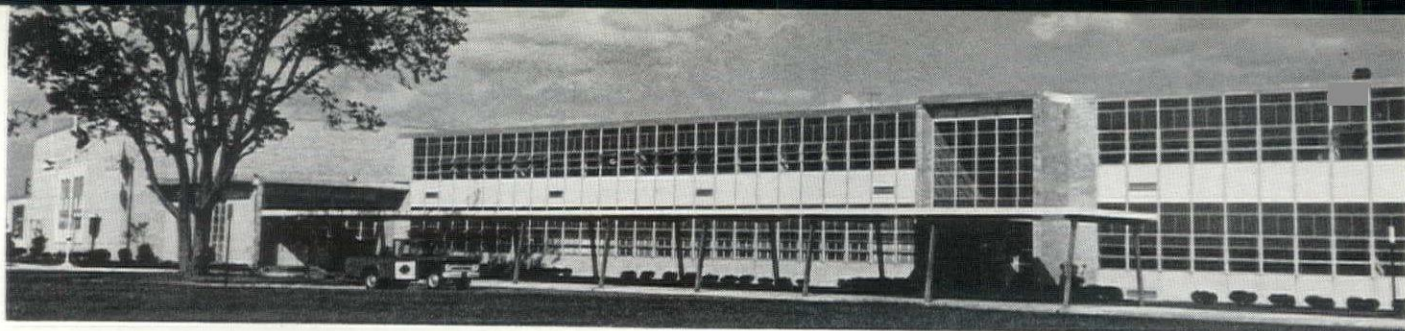
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PHENIX HIGH SCHOOL (Continued from page 44)

closely knit classroom arrangement tends to accelerate period changing.

The building is of brick with aluminum awning-type windows, built-up

roof, and lightweight concrete masonry interior walls. All standard instructional spaces have asphalt tile floors, painted masonry walls, and acoustical

metal deck ceilings; other instructional spaces have vinyl tile floors. All toilets have marble stalls and ceramic tile floors.

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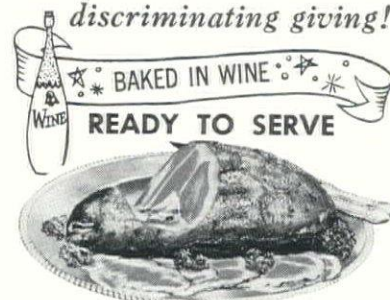
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Electrical Contractors for Fred M. Lynn School. See Page 55.

ALBEMARLE PAPER CO.

(Continued from page 27)

office layout was evolved to conform to the requirements of the business of the client. The interior does not vary greatly from the other strictly modern office construction, but the decor does: General Lee's portrait hangs at the end of the Board Room and its chandeliers came from the Williamsburg Inn.

It is hoped that soon some cannon will be mounted on the lawn, but these cannon must be authentic. They must have been cast by the Tredegar Company, which is a part of the deep front lawn of the Albemarle Office.

As one looks southwardly from the taller buildings of Richmond or as one drives north on Lee Bridge, he must admit that Mr. Gottwald's desires have been carried out. It "Looks Like Virginia."

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Virginia Engineering Co., Inc., Newport News, general contractor, foundations, carpentry; Garrett & Company, excavating; Southern Materials Co., Inc., concrete; C. E. Young Company, Salem, masonry; Old Virginia Brick Co., Inc., Salem, brick manufacturer; Eastern Building Supply Co., Inc., brick supplier; Globe Iron Construction Co., Inc., Norfolk, steel; Economy Cast Stone Co., roof deck; N. W. Martin & Bros., Inc., roofing, waterproofing; Empire Granite Corp., stone work; Miller Mfg. Co., Inc., windows, structural wood, glazing, millwork; Lane Brothers, Inc., painting; Valley Lumber Corp., Roanoke, paneling; Manson & Utley, Inc., weatherstripping; Reid Hayden, Inc., Baltimore, insulation; W. Morton Northen & Co., Inc., acoustical, resilient tile; Stowe & Denton, plaster and lathing; Oliva & Lazzari, Inc., structural and ceramic tile, terrazzo; Henry Walke Company, Norfolk, steel grating; Montague-Betts, Co., Inc., steel doors and bucks; Globe Iron Construction Co., Inc., Norfolk, handrails; Morris Hunter, Inc., Holophane lighting fixtures, electrical work; S. H. Guza Co., Inc., plumbing fixtures, plumbing, air conditioning, heating, ventilating, (Noland Company plumbing and heating fixtures); Woolery Stone Co., Inc., Bloomington, Ind., limestone; Buckingham-Virginia Slate Corp., blue-black slate; Virginia Steel Co., Inc., reinforced steel; Salem Foundry & Machine Works, Inc., Salem, Virginia Elevator Co., Inc., Richmond, elevator, dumbwaiter; Dillard Paper Company, toilet accessories; Door Engineering, Norfolk, rolling aluminum shutters; Pleasants Hardware, finish hardware; Stationers, Inc., metal shelving; A. Lynn Thomas Co., Inc., insulation for piping and duct work; Buffalo Forge Company, Buffalo, N. Y., fan equipment; Nelson Crumley, Inc., York, refrigerating equipment; John G. Kolbe, Inc., kitchen equipment; E. F. Hauserman Co., furnishing and installing movable partitions; Richmond Paving Service, Inc., paving. Unless otherwise noted, the above are Richmond firms.

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- Women's Gymnasium, College of William & Mary, Page 30.

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Intensive Treatment Building (Continued from page 38)

cavity walls of brick exterior and Solite block back-up and steel double hung window wall units.

The \$800,000.00 building was completed in January 1962.

General contractor was J. W. Enochs, Inc., Hopewell. This firm also handled the work on foundations, carpentry, painting, acoustical and plaster.

Principal subcontractors and suppliers were as follows:

Holderfield Bros., Colonial Heights, excavating; Ceco Erection Co., Washington, D. C., concrete forming for waffle slabs; Webster Brick Co., Inc., Roanoke, masonry supplier; Arthur Winfield, Lawrenceville, masonry contractor; Montague-Betts Co., Inc., Lynchburg, steel, handrails.

Also, the following Richmond firms: N. W. Martin & Bros., Inc., roofing, insulation, water-proofing; Economy Cast Stone Co., stone work; The Staley Co., Inc., windows, window walls, plastic wall finish, steel doors and bucks; Binswanger Glass Co., glazing; Oliva & Lazzari, Inc., ceramic tile; McL. T. O'Ferrall & Co., resilient tile; Pleasants Hardware, hardware; Ruffin & Payne, Inc., millwork.

E. H. Saunders & Sons Electrical Contractors, Inc., Hopewell, lighting fixtures, electrical work; Wachter & Wolfe Corp., Richmond, plumbing fixtures, plumbing, air conditioning, heating and ventilating; Virginia Steel Co., Inc., Richmond, reinforcing steel and steel joists; Elevator Engineering Co., Baltimore, Md., hydraulic elevator.

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- First Mortgage Corp. Building. Glazing. See Page 44.
- Women's Gymnasium, College of William & Mary. Windows, Window Walls, and Glazing. See Page 30.
- J. A. Chalkley Elementary School. Glazing. See Page 50.
- Willow Plaza Office Bldg. Curtain Walls and Glass. See Page 32.

Roanoke Red Cross

(Continued from page 49)

Interesting features of the front or Church Avenue elevation are Bostik textured coating in a rich blue color, a white polished marble screen wall with a lighted, red, plastic cross, and a patio with pierced masonry units shielding it from the public.

Laboratories, blood processing areas, toilets and showers will have exposed concrete masonry units covered with an impervious surface of Cement Enamel to provide a monolithic surface for ease of maintenance and sanitation.

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The year round conditioning system consists of four electric heat pumps totaling 50 tons, as manufactured by Carrier Equipment Company and installed by Garland J. Hopkins, Inc., who is also plumbing subcontractor. All plumbing fixtures to be American Standard as furnished by Noland Company, Roanoke, Virginia.

Principal subcontractors and suppliers, of the Roanoke area unless otherwise noted, are as follows:

Charlie Overstreet, excavating; Roanoke Ready Mix Concrete Corp., concrete; Lightweight Block Co., Inc., Webster Brick Co., Inc., masonry suppliers with the general contractor serving as masonry contractor.

Roanoke Iron Works, Inc., steel, handrails; Roanoke Iron and Bridge Works, steel roof deck; James A. Harmon Roofing & Sheet Metal, roofing; E. V. Poff & Son, Inc., ceramic tile, stone work; Montague-Betts Co., Inc., Lynchburg, windows; Parkway Glass Co., glazing; Davidow Paint and Wallpaper Co., painting; Magic City Tile Co., wood flooring, resilient tile; Shields, Inc., acoustical; John H. Hampshire, Inc., plaster.

Graves-Humphreys, Inc., hardware; Valley Lumber Corp., millwork; Valley Metal Products Corp., steel doors and bucks; Clayton G. Tinnell, electrical work; G. J. Hopkins, Inc., plumbing, air conditioning, heating and ventilating; Economy Cast Stone Co., Richmond, Bostik architectural coating; Cement Enamel of North Carolina, cement enamel.

The general contractor also handled the work on carpentry, waterproofing and weatherstripping.

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Painting Contractors for Fred M. Lynn School, Page 55.

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NORFOLK 10, VIRGINIA

First Mortgage (from page 44)

panels of natural red moulded brick and fixed plate glass windows which are set in and grouped about the concrete columns.

All building measurements are based on a two foot by two foot module which is seen in the two foot square ceiling acoustical panels, mechanically suspended with metal tees. All partitions are job built using wood studs and 5/8 inch gypsum board. Outside wall are plastered, floors are covered with resilient tile and the toilets are ceramic tile. Vinyl wall covering, wood paneling and carpeting have been used extensively.

The heating and air conditioning system is dual-duct high velocity with automatic controls which control temperature and humidity to more than 40 different zones. Humidity controlled warm and cool air is supplied to the various areas by the combination ceiling lighting diffusers and from diffusers mounted in the window stools. Under-floor ducts supply electrical power and telephone lines throughout the building.

Principal subcontractors and suppliers, all of Richmond unless otherwise noted, were as follows:

Special foundations, McKinney Drilling Co., Alexandria, concrete, Capital Concrete Corp; caulking, E. S. Chappell Co., Inc.; metal doors, The Staley Co., Inc.; paving and grading, The Luck Corp.; elevator, W. W. Moore & Sons; floor covering, acoustical ceilings and wall coverings, W. Morton Northen & Co., Inc.

Also, electrical, Northside Electric Co.; glazing, Sash, Door & Glass Corp.; plumbing, heating and air conditioning, J. W. Bastian Co.; hardware, Pleasants Hardware; insulation, W. K. Hawkins Engineering Co.; miscellaneous metal, Montague-Betts, Co., Inc.; millwork, Ruffin & Payne, Inc.; masonry, A. Lynn Thomas Co., Inc.; plastering, John G. Duggan; painting, S. P. Terry; reinforcing, Va. Steel Co., Inc.; roofing, R. P. Whitley Roofing Co.; ceramic tile, Oliva & Lazzuri, Inc.

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General Contractor for Fred M. Lynn School.
See Page 55.

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Installation of Dover Elevator in First Mortgage Corp. Bldg.
See Page 44.

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St. Paul's Addition

(Continued from page 23)

Gradually the Church assumed an almost interdenominational leadership in the downtown business life of the city. Lenten services were attended by business leaders of all faiths, come to hear sermons by great preachers of many denominations.

The new building posed a complex problem. It should provide adequate meeting and dining facilities, parking spaces, Church administrative offices, Sunday School classrooms, choir and sacristy rooms. Above all, it should complement the beautiful and historic structure of St. Paul's Church. The site, fortunately augmented by the donation of the remaining property of the whole half block, was adequate in extent, but existing buildings had deep basements. Soil conditions were troublesome.

The exterior of the Parish House is designed in the Greek Revival style used in Richmond about 1850, of a decidedly residential character. Every effort has been made to keep the building subsidiary to the Church, with no entrance on the Grace Street elevation, the main doors opening into the cloister. Exterior was finished in stucco to match the Church. Generous planting areas are provided, both in the cloister and along Grace Street, where several large water oaks were planted.

The parking is provided by two decks, both below the Grace Street pavement level, with entrance from Eighth Street and exit to the alley. The

(Continued on page 75)

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first floor is at the same level as the Church, but separated from it by a cloister, affording a view of it from the west. Access to the Church is provided by a corridor at the rear, and a colonnade at the front. Meeting rooms are located on the Grace Street side, and include a large assembly room. Church offices face on the cloister, and the sacristy and clergy robing rooms are adjacent to the Church. Normally, the choir processional will form in the rear corridor, and enter the Church by the side door, but on five feast days, the processional will cross the colonnade and enter the Church from the front. Sunday School classrooms occupy the second floor.

Internally, finishes are utilitarian except for the meeting rooms and assembly room which are panelled in classic tradition. The first floor is air conditioned generally; the second floor is not, because the Sunday School does not operate in summer.

Principal subcontractors and material suppliers include E. G. Bowles, excavating and piling; Southern Materials Co., Inc., concrete; William E. Tucker, masonry; Houck & Greene Steel Co., steel, steel roof deck; N. W. Martin & Bros., Inc., roofing, waterproofing; Economy Cast Stone Co., cast stone work; Truscon Steel Division, steel windows; Roanoke Engineering Sales Co., metal doors and frames; John K. Messersmith Co., Inc., metal toilet partitions. W. H. Stovall & Co., Inc., supplied the Georgia marble.

Others are Shaw Paint and Wall Paper Co., Norfolk, painting; James G. Rose Co., insulation; McLain T. O'Ferrall & Co., resilient tile, acoustical; J. A. Wilton, Jr., & Bro., plaster; Stonnell-Satterwhite, Inc., ceramic tile; Marsteller Corp., Roanoke, mastic flooring; R. E. Richardson & Sons, Inc., millwork.

Also, Chewing & Wilmer, Inc., electrical work; Hungerford, Inc., plumbing, air conditioning and heating; Empire Granite Corp., granite; A. D. Whitney Co., Inc., metal lockers and shelving; The Staley Co., Inc., aluminum louvers; John J. Bagley, vault door, and John G. Kolbe, Inc., kitchen equipment.

All are Richmond firms unless otherwise specified.

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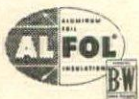
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Fairfax County Police

(Continued from page 32)

the Chief and Deputy Chief of Police, the Traffic Department and the Vice Squad. The basement contains provisions for storage, mechanical equipment, receiving, lockers, lounge, armory and polygraph installation.

Exterior walls are principally of brick with exposed concrete masonry and plaster interior partitions. The roof is built-up. The windows are aluminum while the floor finish is vinyl asphalt tile on concrete.

Willow Plaza

(Continued from page 32)

not the same, and special zoning variances had to be obtained.

R. W. Cabaniss is the general contractor. Principal subcontractors and suppliers include the following Richmond firms:

Virginia Elevator Co., Inc., elevator; Southern Brick Contractors, Inc., brick work; Richmond Steel Co., Inc., steel; Union Steel Erectors, Inc., steel erection; Rabe Electric Co., Inc., electrical work; N. W. Martin & Bros., Inc., roofing; Carroll & Rowe, plaster.

Also, W. Morton Northen & Co., Inc., floor and ceiling tile; Sash, Door & Glass Corp., curtain wall and glass; Nick Ulisse, concrete; J. W. Bastian Co., mechanical; James P. Dillard, paving; Leo H. Bourne, ceramic tile; Donald D. Dickerson, painting; W. F. Weiler Co., insulation; Richmond Primoid, Inc., waterproofing.

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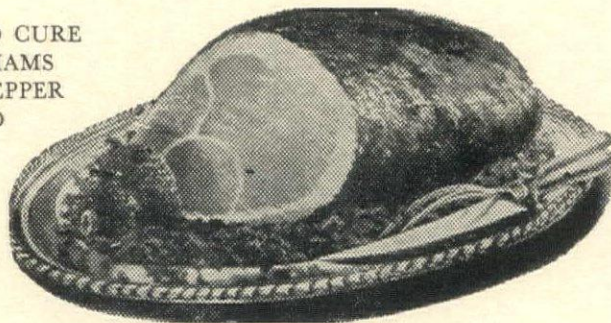
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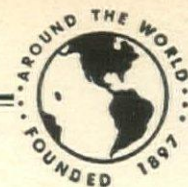
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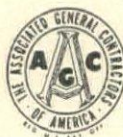
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ROANOKE, VA.

Clarence Curtis School

(Continued from page 39)

tional areas and multi-purpose room; fluorescent lighting in all areas except kitchen and storage rooms.

The building was designed by Samuel N. Mayo, AIA, Richmond, and the first unit of 21 class rooms was constructed by C. E. Nuckols, Richmond, and a nine room addition was constructed by Burgess Construction and Contracting Company, Richmond. The first unit cost 424,600.00, \$9.60 per sq. ft. and \$675.00 per pupil; the addition, including an asphalt paved play area 150' x 125', cost \$95,219.00, \$7.95 per sq. ft. and \$353.00 per pupil.

Principal subcontractors and suppliers, all Richmond firms unless stated otherwise, were as follows:

Anning-Johnson Co., Raleigh, N. C., Gypsum roof deck; J. S. Archer Co., vault door; Binswanger Glass Co., glass and glazing; Bowker & Roden, Inc., reinforcing; E. S. Chappell Co., Inc., caulking; W. A. Dagenhart & Son, plumbing and heating; Douglas Company, lathing and plastering; Economy Cast Stone Co., precast joists, cast stone; Engineering Steel Equipment Co., Norfolk, office counter, key cabinet.

Flowers School Equipment Co., Inc., classroom equipment; J. C. Hungerford, Inc., painting; A. D. Whitney Co., Inc., chalkboard and corkboard, also distributor wardrobes and lockers from The Interior Steel Equipment Co.; N. W. Martin & Bros., Inc., roofing and sheet metal; Miller Manufacturing Co., Inc., millwork; Montague-Betts Co., Inc., hardware, flag pole.

W. Morton Northen & Co., Inc., asphalt and acoustical tile; Oliva & Lazzari, Inc., ceramic tile, stone and terrazzo; Plastic Sign Sales, Roanoke, plastic name plates; Riner Construction Co., excavation, blacktop; Ross Iron Works, Inc., structural steel and miscellaneous iron; S & W Steel Co., Inc., steel joists; Southern Brick Contractors, Inc., masonry; Varina Electric Co., electrical; Virginia Steel Co., Inc., aluminum windows, mesh; Withers-Clay-Utley, Inc., hollow metal doors and frames.

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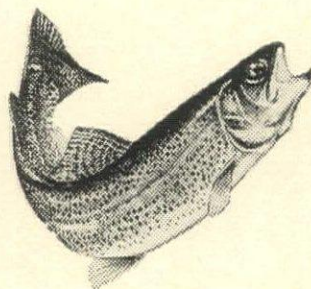
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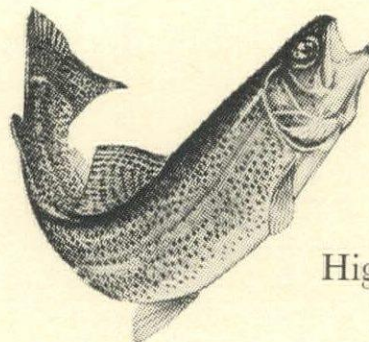


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NEWPORT NEWS, VIRGINIA

General Contractor: Hampton Courthouse Addition.
See Page 37.

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Thurston Motor Lines

(Continued from page 41)

control of the office as well as of the warehouse. A spare sleeping room is available for drivers who reach the terminal at a late hour.

A feature suggested by the architect has made it possible to economize in the daily electrical power consumption in the building by the use of large translucent skylights in the roof of the warehouse. In this way, on a normal day, no artificial illumination is necessary in the warehouse and good visibility is maintained. He arranged these sources of natural illumination in a pattern to give uniform coverage to the warehouse floor.

Principal subcontractors and suppliers included: Viola Brothers, Inc., Portsmouth, excavating, foundations, and—with Morris Construction Co., Greenville, S. C., concrete; Webster Brick Co., Inc., Roanoke, masonry supplier; Morris Construction Co., carpentry, paneling, masonry contractor; Houck & Greene—Div. of Tredegar Co., Richmond, handrails, steel; Virginia Roof Decks, Inc., Norfolk, Perlite roof deck.

Thompson & Son Roofing & Sheet Metal Co., Greenville, S. C., roofing; The Wm. Bayley Co., Portsmouth, windows; Door Engineering, Norfolk, overhead doors; Pittsburgh Plate Glass Co., Norfolk, glazing; J. A. Nickles Co., Greenville, S. C., painting; Economy Tile Co., Inc., Norfolk, ceramic tile; Manson & Utley, Inc., Norfolk, acoustical ceiling; Plywoods & Supply Co., Norfolk, wallboard.

Ajax Co., Inc., Norfolk, terrazzo; Burton Lumber Corp., Norfolk, millwork; Alston, Inc., Norfolk, electrical work (Lithonia fixtures); E. B. Sams Plumbing & Heating Co., Norfolk, plumbing; C & P Air Conditioning Corp., Norfolk, air conditioning, heating and ventilating; E. V. Williams Co., Inc., Norfolk, grading, paving; Typhoon Heat Pump Div., Hupp Corp., heat pump.

Holiday House Motel

(Continued from page 39)

Room decor will include light-colored terrazzo floors, exposed face brick walls, and acoustic plaster on the ceilings. Each bathroom will contain built-in combination vanities with circular lavatories, square tub-shower combinations, and colored ceramic tile wainscot. All units will be conditioned by individual climate control for year round comfort. Public access balconies will connect with stairways contained behind decorative solar walls overlooking the terrace; an irregular-shaped swimming pool with wading pool for children will complement the terrace area.

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See Page 55.

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Erectors and Suppliers of Steel and Ornamental Iron, Virginia Baptist Building, Page 18; Steel Joists, Clarence Curtis Elementary School, Page 39.

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Page 18.

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Page 41.

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NORFOLK 4, VA.

Aztec Associates Building

(Continued from page 41)

of low intensity, and at minimum of harsh shadows.

The building is to be occupied, at present, by the owner's several firms and three other contracting and equipment organizations.

General contractor was Construction Industries, Inc., Lynchburg, who with J. R. Ford Co., Inc., Lynchburg, did the excavating. Also handled by the general contractor was work on foundations, insulation and carpentry. Sub-contractors and suppliers included:

Lynchburg Ready Mix Concrete Co., Inc., Lynchburg, concrete; Boren Clay Products, Pleasant Garden, N. C., masonry supplier; Carson Adams, Lynchburg, masonry contractor; Montague-Betts Co., Inc., Lynchburg, steel, hardware, steel doors and bucks; Southern Roof Deck Co., Roanoke, roof deck, acoustical; T. B. Dornin-Adams Co., Inc., Lynchburg, waterproofing, roofing.

Pittsburgh Plate Glass Co., Lynchburg, windows, glazing; Simpson Logging Products, plastic wall finish; Kennedy's Linoleum Shop, Lynchburg, resilient tile; J. E. Sears & Co., Inc., Lynchburg, paneling, millwork, structural wood; W. T. Rice Electrical Co., Inc., Lynchburg, electrical work—Daybrite and Litecraft fixtures; Roberts & Burruss, Lynchburg, plumbing—American-Standard fixtures; Virginia Air Conditioning Co., Inc., Lynchburg, air conditioning, heating and ventilating.

"Polarizing" lighting panels were Owens-Corning Fiberglas; insulation was Zonolite waterproof masonry fill.

H. J. Clements

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- Intensive Treatment Building, Central State Hospital, Page 38.
- Women's Gymnasium, College of William & Mary, Page 30.

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Farmers Exchange Bank (Continued from page 46)

Located in a community that experienced a rapid growth recently, it is in a section of the area being sought by the City of Bristol as part of annexation proceedings.

The total floor area of the facility is over 4000 square feet. It cost approximately \$24.50 per square foot including the site work, landscaping and decorating, which was by Towne & Country of Bristol.

Walls of the building are brick with interior partition of block. The windows are aluminum. Floors are finished in vinyl and asphalt tiles. The large site was used to provide a carefully studied setting for the building, with particular attention being paid to the landscaping of the approach.

Richard E. Phillippi, Inc., Wytheville, was general contractor. Principal

subcontractors and suppliers were as follows:

Va.-Tenn. Investment Corp., Bristol, excavating; Bristol Ready-Mix Concrete Co., Bristol, concrete; General Shale Products Corp., Johnson City, Tenn., Taylor Clay Products, Salisbury, N. C., masonry suppliers; Bristol Steel & Iron Works, Inc., Bristol, steel, windows.

Also, Southern Cast Stone Co., Knoxville, Tenn., prestressed concrete; Industrial Decking & Roofing Co., Inc., Bristol, roofing; Central Glass Company of Va., Inc., Bristol, glazing and store front; Coe and Sons Paint & Paper Store, Wytheville, painting; Joe Rainero Tile Co., Bristol, ceramic tile, terrazzo.

Others were Montgomery Equipment Co., Johnson City, Tenn., resilient tile; Wade Manufacturing Corp., Charlotte, N. C., paneling, fixture work; American Sisalcraft Corp., Attleboro, Mass., waterproofing; K. W. Jackson Co., Kingsport, Tenn., acoustical plaster; Montague-Betts Co., Inc., Lynchburg, hardware, steel doors and bucks.

Climate Control Co., Bristol, electrical work—Westinghouse, Lightroler, Lite-Craft and Perfectite fixtures; Fred Hayes Plumbing & Heating, Bristol, plumbing—American-Standard fixtures; Allied Metals Co., Johnson City, Tenn., air conditioning, heating, ventilating; Herring-Hall-Marvin Safe Co., Hamilton, Ohio, vault equipment; Phillipswood Garden Center, Bristol, landscaping.

Southwest District Health Office (from page 47)

tral plant multi-zone heat pump installation. This building was constructed at a cost of \$157,620.00, including all of the laboratory case work and considerable millwork.

The building has a built-up roof over an insulating slab, steel joists, suspended fire-rated acoustic ceiling; exposed light-weight aggregate masonry interior walls; trowelled seamless floor throughout the laboratory portion; double hung aluminum windows were used throughout; a cavity wall construction with brick facing for the exterior.

Click Construction Co., Inc., Elizabethton, Tennessee was the General Contractor and did all of the excavating and grading work, foundations, carpentry, and general construction.

Major subcontractors were Climate Control Co., Bristol, who did the electrical work, and Black Plumbing & Heating Co., Kingsport, Tenn., who did the heating, plumbing and air conditioning.

Others included General Shale Products Corp., Richlands, brick supplier; Bristol Concrete Products Corp., Bristol, supplier of Solite block; Roanoke Iron & Bridge Works, Roanoke, miscellaneous steel; John W. Hancock, Jr., Inc., Roanoke, steel joists. Industrial Decking & Roofing Co., Inc., Kingsport, roofing; Ingalls Stone Co., Bedford, Ind., stone work. Windows were by Michael Flynn Manufacturing Co.

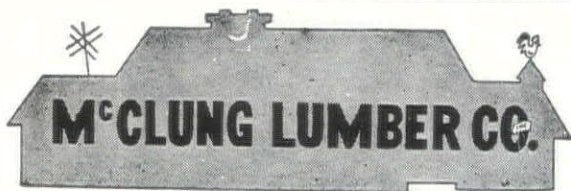
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Roofing Contractors for First Mortgage Corporation, Page 44.

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- Women's Gymnasium, College of William & Mary, Page 30.
- Virginia Baptist Building, Page 18.
- Addition to Richmond Eye Hospital, Page 34.

"I Hate To See . . ."

(Continued from page 5)

tense, and said, "You do have some good modern buildings. I thought everything would be romantically old, but some of your new buildings could be in Dallas."

Choking down an anguished groan, I thanked her, since she meant to be kind, and said, "Yes, a number of our cities—Norfolk, Roanoke, Lynchburg, as well as here—have good representative architecture in some of the new public buildings, and—"

"That's the odd thing," the gentleman interrupted, apparently wanting to leave a friendlier impression. "When we saw Richmond from the outside, it had an impressive skyline. It looked solid and well formed, making a real pattern, and some of the buildings near our hotel—your Medical College, I believe, and some new state office buildings—are, as you say, good representative architecture. In fairness, I found some of the older buildings very interesting, but there doesn't seem to be any blend of the two, the new and the old. It's like you're living in two eras."

"All old cities are like that," I said, feeling on surer ground.

"But they all don't *stay* like that," he replied. "The progressive cities have a plan, they know what they want to be. You can't adapt to the latter part of the twentieth century with a mental attitude of vanished time—like the Civil War."

"It's not the time of the Civil War. Richmond was then a very bland world capital, recognized by European visitors for its charming public places and agreeable social atmosphere."

"Then what happened to give you"—and he grinned this time—"the cow-country psychology?"

"Not cowcountry. Just plain countrified, rural. After the Civil War, the planter class lost its power and the farmers got control. Until after World War II, there were more ruralites than urbanites in Virginia, and now that the population of the cities outnumbers the rural, the psychology has not changed with the shift. Most of the politicians are still under the influence of the country attitude. That's why, for instance, they're afraid to vote for serving alcohol in public places."

"Don't they ever drink before meals?"

"For the privileged there are bottle clubs. The big industries here, that bring in technicians from other parts of the country, have to keep block memberships in these bottle clubs to pre-

vent some of their good imports from—as you say—fleeing back to civilization.”

He looked at me aghast. “This is worse than being divided between two eras. With this hypocrisy at the basis, you’re divided between reality and an attitude that doesn’t apply to the actual conditions of your state. Why, in Dallas—”

Mrs. Dallas cleared her throat.

He gave a sheepish smile. “I promised my wife I wouldn’t talk about Texas. I know that man you asked me about from Highland Park High School. How did you know him?”

“He played end on our Rose Bowl team.”

“What do you know. Well, can you suggest anything for us do tomorrow before we take the plane?”

“Well, the cemeteries are open.”

“How can you tell around here when you’re in one?” he asked with a return of bitterness.

“The architecture is all of a piece.”

He gave me a long, hard look. “You know, you may have something there. Your architecture can’t be of a piece unless the city has a plan—what we now call an ‘image.’ After all, the architect has to please the customer. Of course, like a good merchant he can try to guide the customer. He can suggest, for instance, that a black Hom-burg doesn’t go well with sports clothes, and he can point out that the hard ‘Hoover’ collar has been replaced by more functional materials that are also more attractive, but he’s still limited by the customer’s basic wishes. Now, what your city needs is an idea about itself, a concept. With that, your architects could work toward expressing a single character.”

“You mean that all building is a response to a society’s demands?”

“Well, yes. The physical character of a city reflects the character of the people. I’d say that here the architects are being retarded by this split in the attitude—the cowcountry psychology in a state becoming industrialized.”

The dinner was then mercifully over and we all moved away from the table. Soon the evening would end and the Dallas couple would make their way through the deserted streets to a hotel that offered nothing except the sanctuary of a room. There they could give

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Masonry Contractor: Hampton Courthouse Addition, Page 37.

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- Suppliers of Precast Concrete for Farmers Exchange Bank, Bristol Branch, Page 46.
- Contractor for Stone Work on Marion Senior High School, Page 46.

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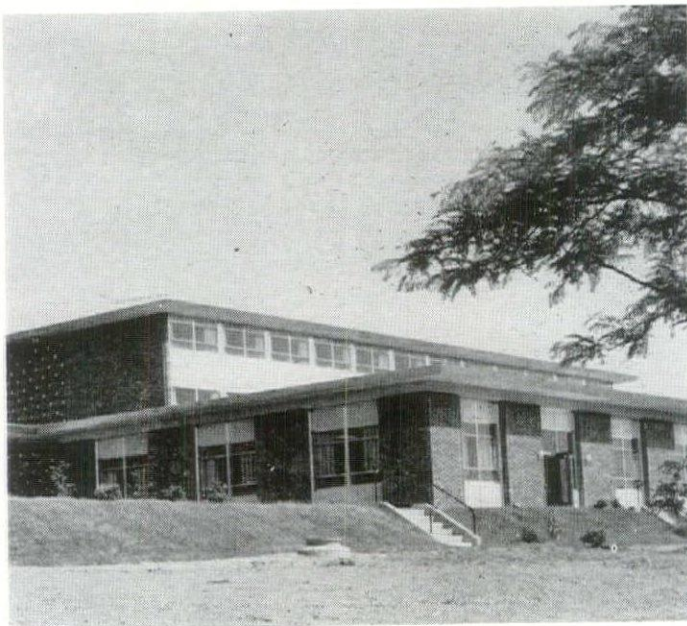


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in and buy that bootleg bottle or watch bowling on television. But I had a notion the lady had brought along some Nembutal against such an emergency, and I could picture the man reading the paper again, memorizing the museums and parks and cemeteries that, on a Saturday night in a strange city, he could wait for Sunday to visit. I could not blame them for getting that noon plane out, and I harbored a disloyal thought: is what's good enough for Virginians good enough for everybody else?

In intangible qualities, I felt sincerely that our society was superior. The fundamental character of the state and its government I believed to be among the more important achievements in twentieth century America. But I could not advance a reasonable argument to defend the physical expression of the character as observable by visitors. And I don't think that what's not good enough for relatively undemanding visitors should be good enough for Virginians.

The decent couple would have been satisfied with either a quiet highball, an educational channel on television, or a non-Hollywood motion picture. They couldn't be accused of being frivolous. In fact, they were very culture-conscious.

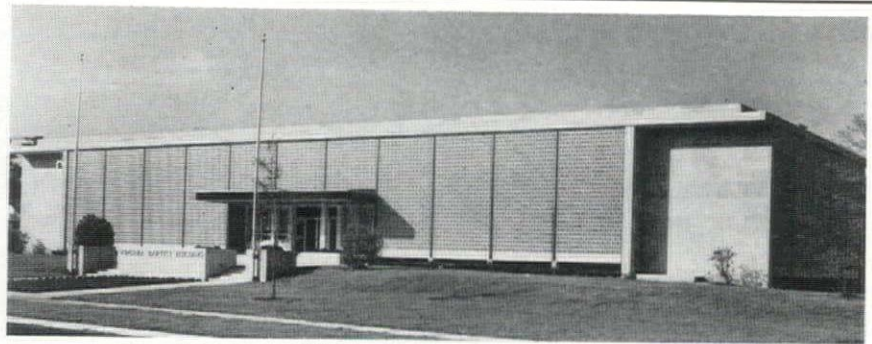
After the evening was over, I thought mostly of what this successful, literate financier said about architecture. It must grow from a community in response to demands. We read much of the need to reactivate the downtown centers of Virginia cities. No city can maintain a downtown center on a nine to five basis. Though the state might be under the influence of a rural attitude, the people do not go to

bed when the sun goes down. But they certainly have nothing to draw them away from home television, which has to face such little competition that they run animated advertising programs broken by segments of untalented buffoons who would have gotten the hook at the old Lyric.

With a downtown that is a center of activity, the city could be built organically, as everything grows, from

the core outward. As of now, the architect can do little more than suggest that the Homburg not be worn with a sport shirt. And here and there some good buildings will appear among a spreading wasteland of parking lots, all deserted after dark.

Clifford Dowd



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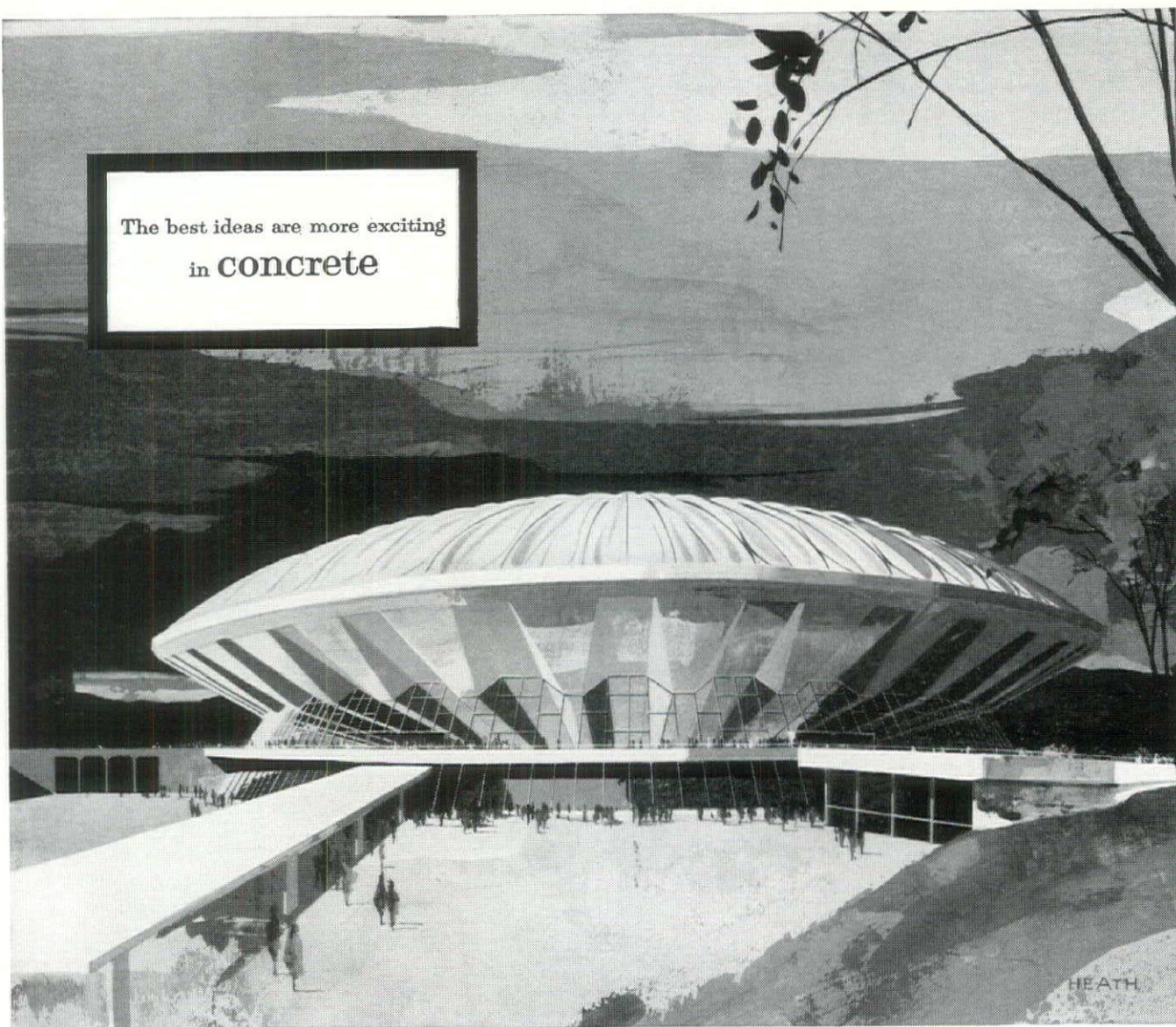
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Natural gas was selected to heat the new Allegheny Freight Lines Building and the new Caldwell-Sites Bldg., page 22.

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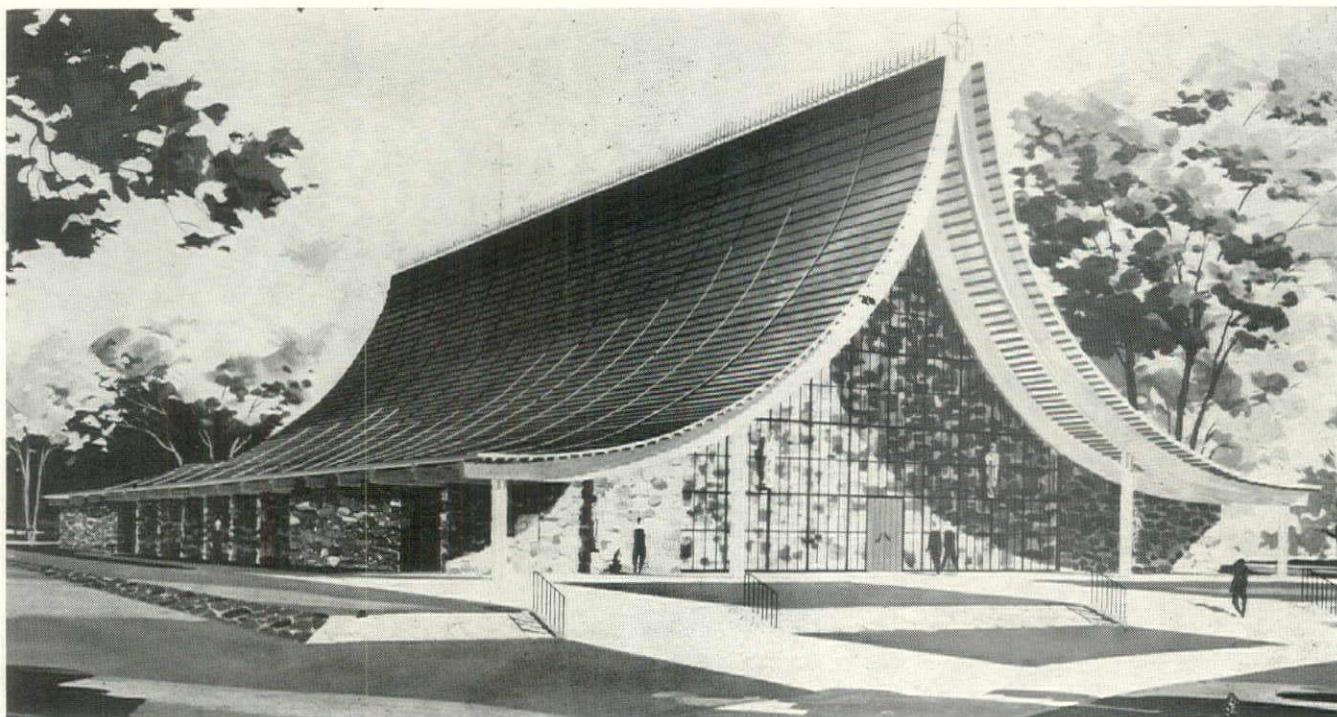
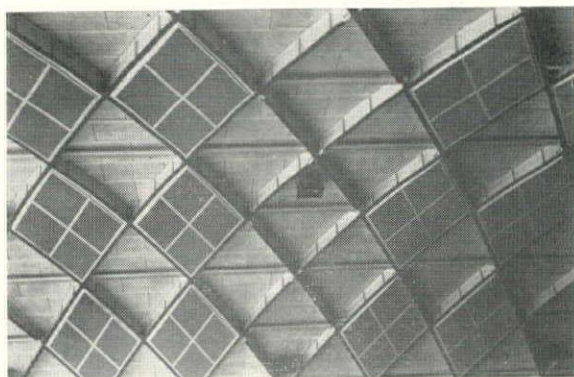
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(Above) Shrine Chapel of Our Lady of Orchard Lake. Architect: Walter J. Rozycki, A.I.A. Detroit. (Right) Meadowdale Junior High School, Edmonds, Wash. Architect: Theo Damm, Seattle. General Contractor: Verne Beauchamp, Inc., Everett, Wash. (Below) Tectum Form Plank. St. Robert Bellermino Chapel, Xavier University, Cincinnati, Ohio. Architect: Albert V. Walters. Contractor: Universal Construction Co.

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