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FEBRUARY

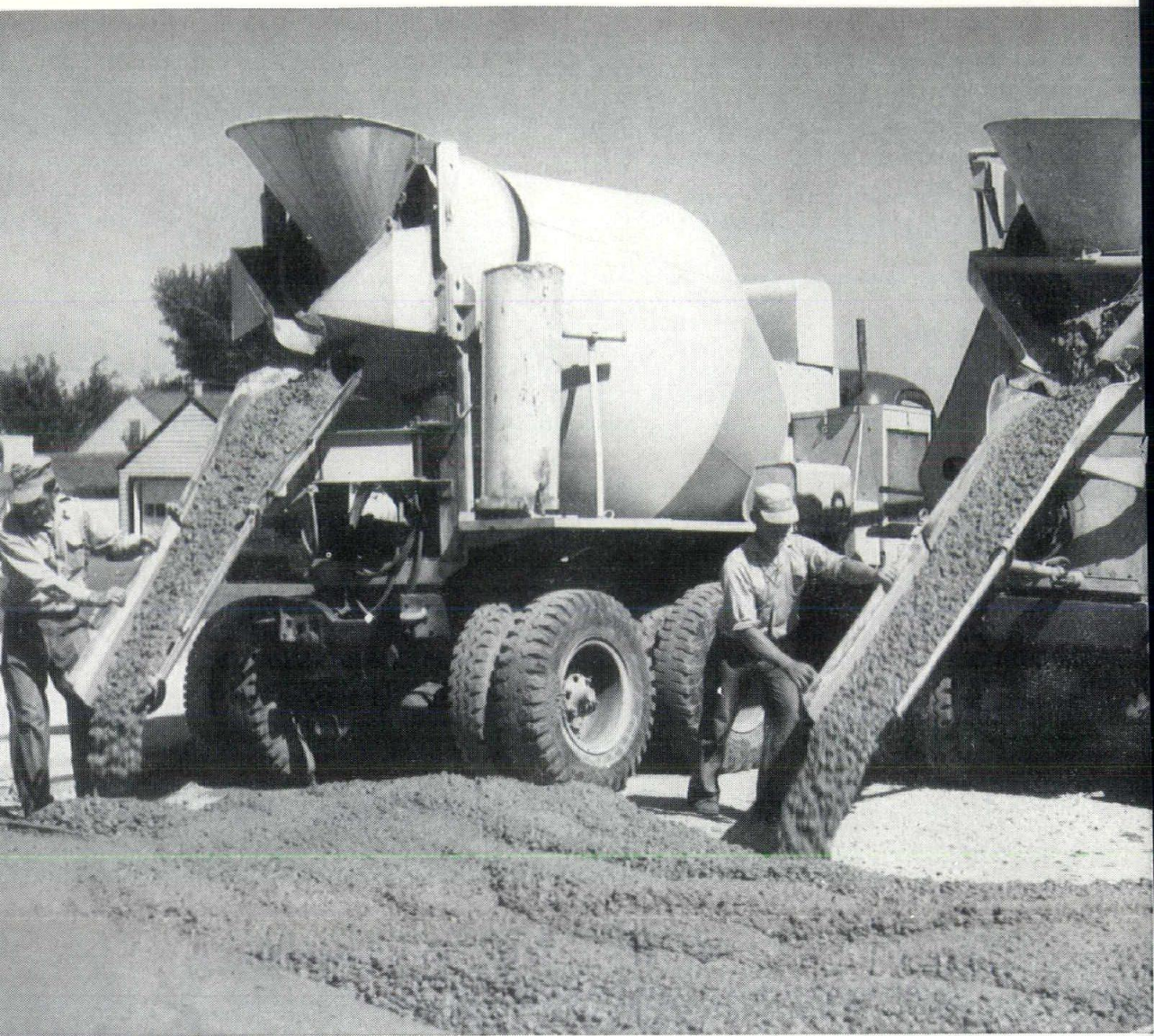
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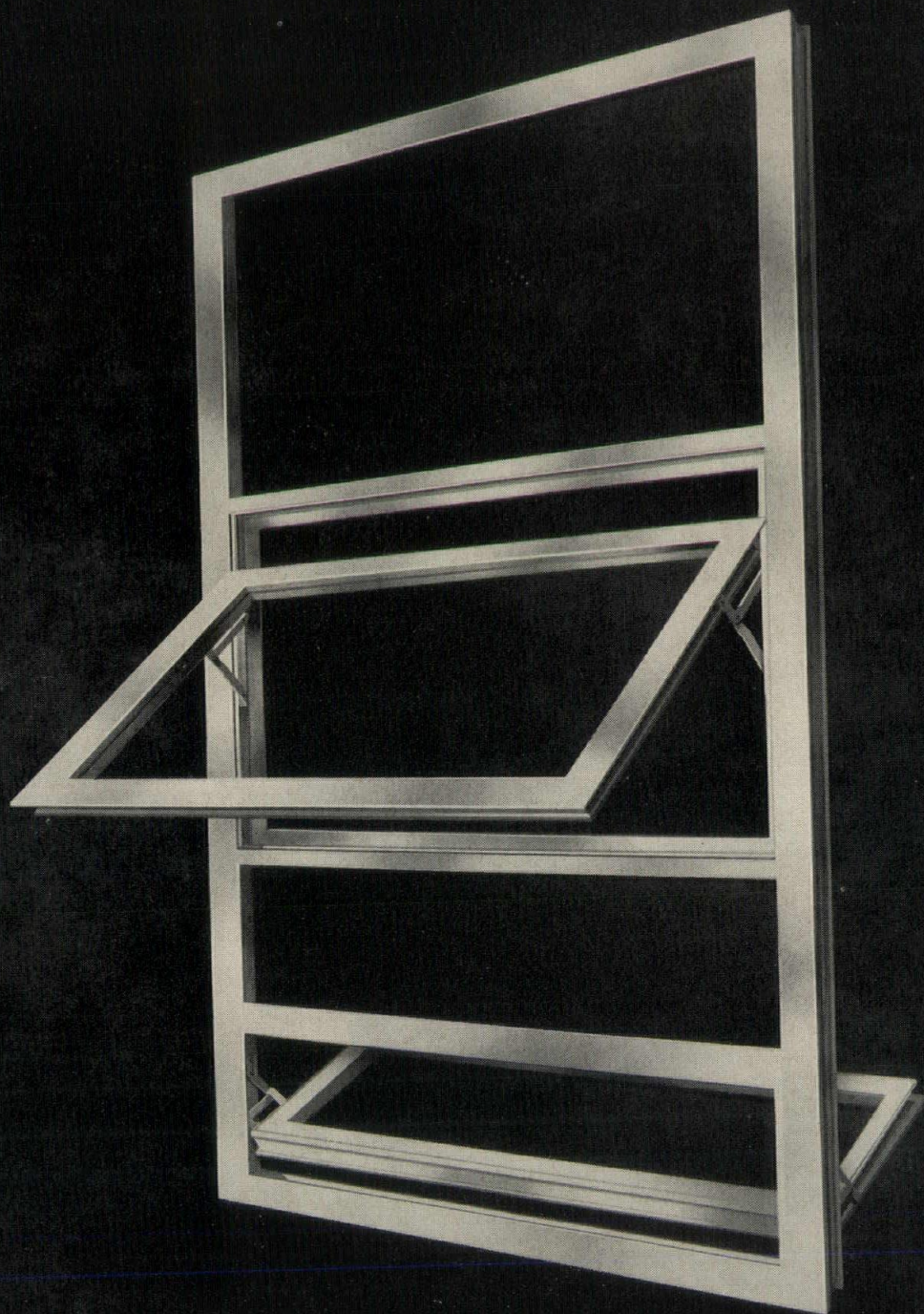
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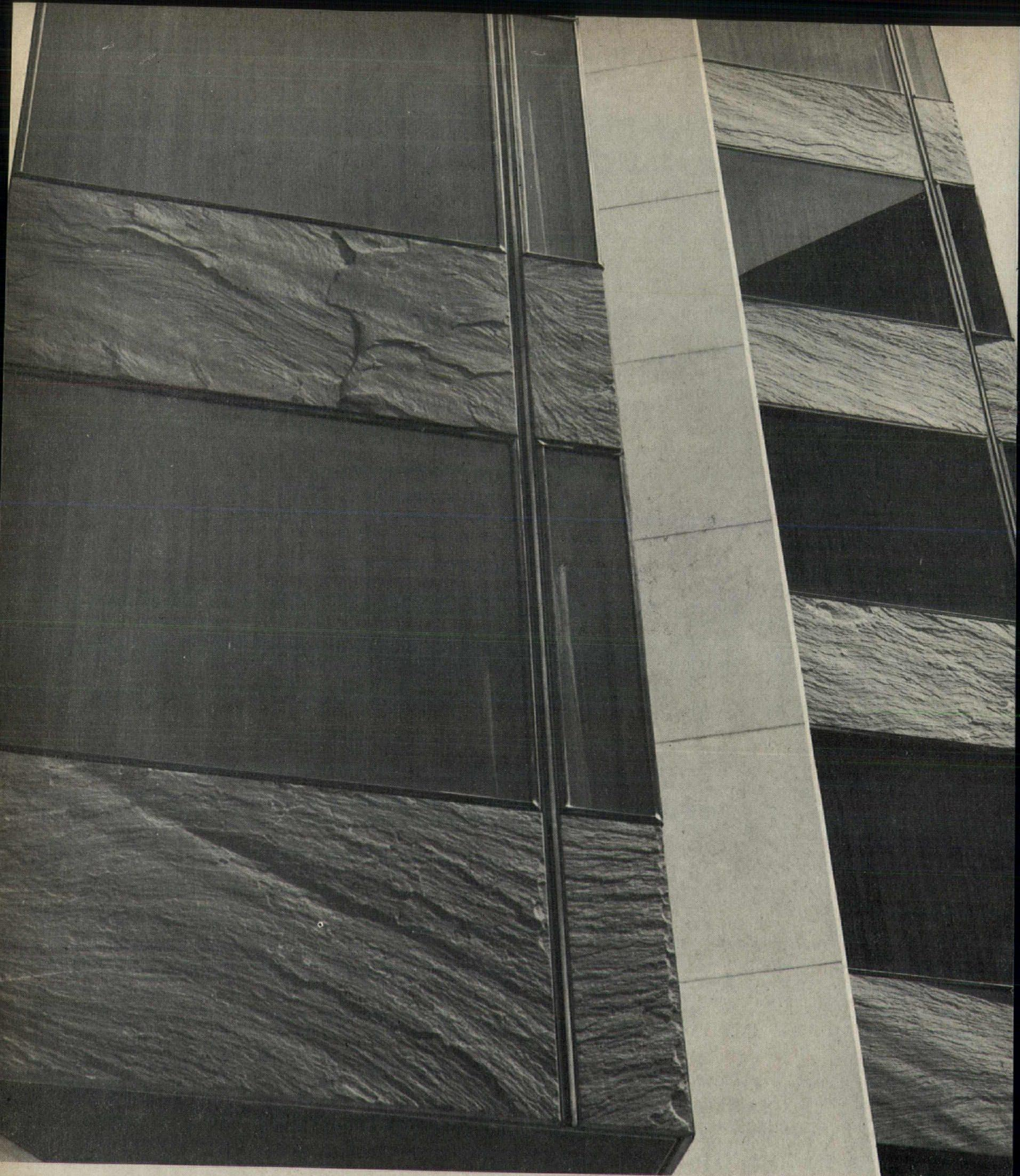
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VOLUME LXXXVII FEBRUARY 1965 PRICE 35¢ NUMBER TWO

## A Psychiatrist on Every Block

RECENTLY I WAS TALKING with a friend who, prominent in the circles of higher education, personally combines broad erudition with a cosmopolitan worldliness. The immediate subject was the financial status of the college athletes being contracted to confer their skills on professional football. Mr. Rhome, representing the gridiron fortunes of Tulsa University, had surpassed all previous performances in throwing an inflated pigskin to a receiver, as a result of which the two professional leagues were bidding for his services. Mr. Rhome, not yet among the gainfully employed, deferred making his decision until he conferred with his lawyer and "tax consultant." Then a Mr. Namath, who had left the mill regions of Pennsylvania to perform with the University of Alabama, loomed as even greater than Mr. Rhome. To some he was the greatest football-thrower ever beheld. To obtain his services, a team in New York paid him a bonus of \$100,000 for agreeing to work for them, and guaranteed a salary of \$100,000 a year for three years. An automobile was thrown in, as a drink used to be, to celebrate the occasion of signing the contract.

What had struck me most forcefully about these financial settlements was the comparison with the remuneration received by the faculties at the institutions or which the young gladiators performed. No professor at either Alabama or Tulsa would have, even at retirement age, earned as much as \$400,000 in his lifetime. Students leaving college in the same classes with Messrs. Rhome and Namath will, by dint of part-time work and sacrifice, manage to earn their Master's and Ph.D.'s, in something over the period of time in which Mr. Namath will have already pocketed \$400,000, and then begin the slow rise from assistant to full professor. With the higher pay today, these future educators might hope to earn \$400,000 by the time of retirement, and in their lifetime they will be responsible for part of the education of perhaps as many as 2,000 students, representing several generations.

My cosmopolitan friend found it amusing that such comparisons concerned me. "If," he said, "you start thinking about this sort of thing, you'll drive yourself crazy."

I mentioned the values involved and he dismissed this. "Are you going to change human values?" he asked. "People pay as little as possible to educate their children and all they can for their own entertainment. Television has transformed professional football into show business and these young athletes are now entertainment properties. Look at the ridiculous sums earned by television personalities. People pay for what they want. They don't really want education—for themselves, their children, or anybody. They send their children to schools and colleges in order that they can get on in the world and not be educated people. What they call 'education' means simply providing their children with the necessary requirements for getting jobs. Parents historically pay the teacher as a necessary evil, like taxes, and nothing will cause them to wonder why they entrust their children's future to persons so illy paid."

He did admit that the comparisons between the athletes and the teacher made a sharper contrast because the athletes used educational facilities by way of

(Continued on page 49)

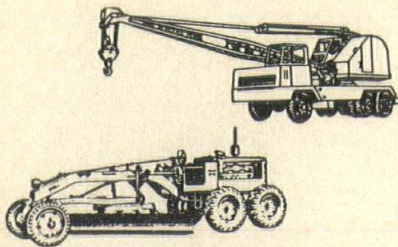
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THE COVER shows "1401 Wilson Boulevard" in Arlington County. Designed by Vosbeck-Vosbeck & Associates, Virginia's tallest office building overlooks the Potomac across from a panoramic view of the nation's capital, from the Washington Cathedral to the National Airport. For full particulars, see the story on page 15.



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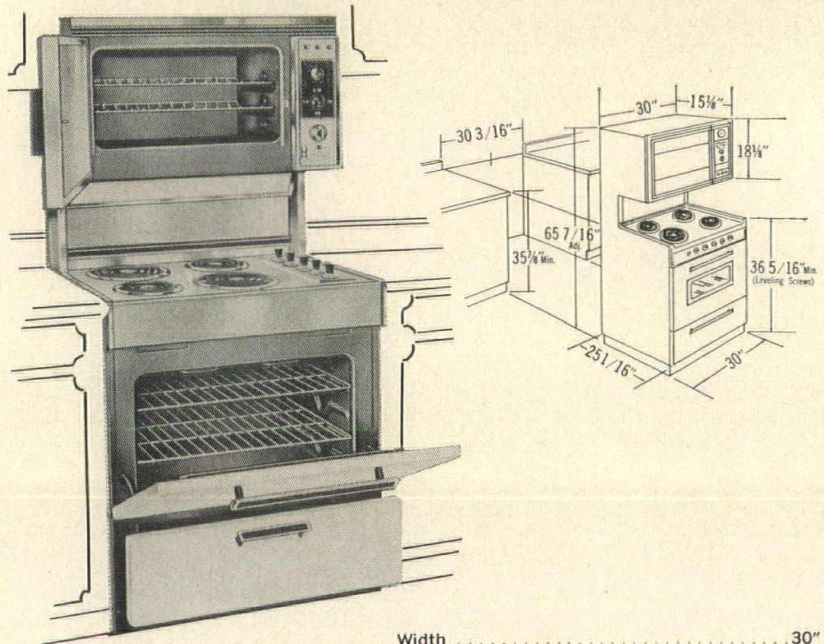
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# NEWS

## AIA VIRGINIA CHAPTER

The Philadelphia architectural firm Mitchell/Giurgola Associates has been selected in a year-long nationwide competition to design a new headquarters building for The American Institute of Architects in Washington.

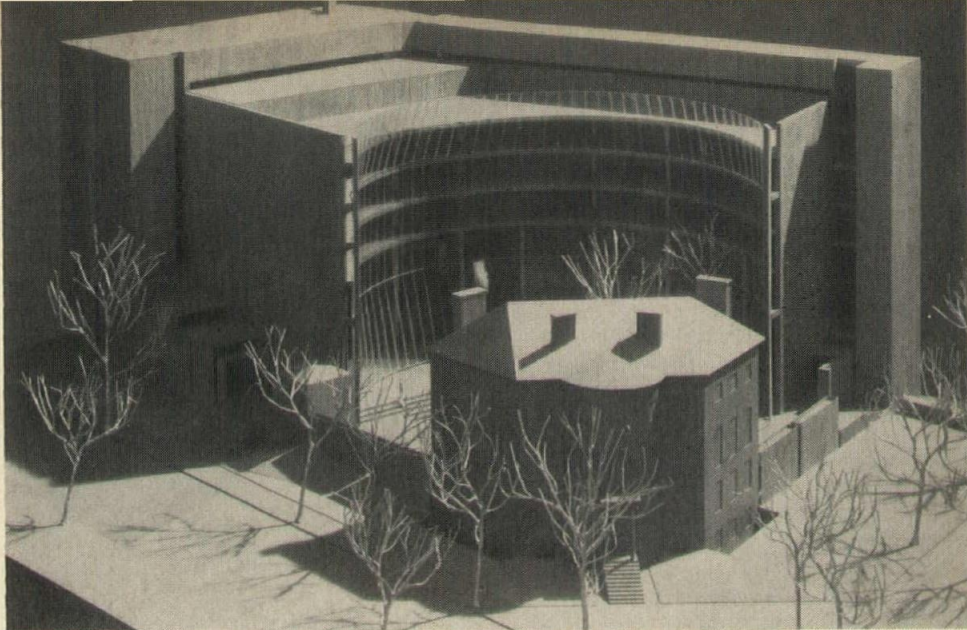
The Mitchell/Giurgola design concept blends contemporary architecture with the Georgian style of the historic Octagon House on the same site. It was picked from seven finalists in the competition originally including 221 submissions.

The AIA competition called for "a building of special architectural significance, establishing a symbol of the creative genius of our time, yet complementing, protecting and preserving a cherished symbol of another time, the historic Octagon House."

Ehrman B. Mitchell, Jr., AIA, and Romaldo Giurgola, AIA, are the principals of the winning firm. They envision a five-story, red-brick structure featuring a semi-circular wall, with liberal use of glass, embracing the gardens and the Octagon House at the corner of New York Avenue and 18th Street. The structure will enclose approximately 50,000 square feet of usable floor space.

According to the architects, the "building order develops naturally from the condition of the site, oriented toward the gardens and facing the Octagon, a building form completed only by its presence. The garden is a quiet place, a meeting ground of the historically traditional and the contemporary."

The Octagon House, completed in 1800, 57 years before the formation of The American Institute of Architects, was purchased by the AIA in 1899 at a cost of \$30,000. It was designated a Registered National Historic Landmark in 1961. Last month it followed the White House and the Capitol in a major list of "landmarks of great importance (which) must be preserved." That list was issued by the Joint Land-



**WINNING DESIGN**—Mitchell/Giurgola Associates, Philadelphia architectural firm, was selected to design the new headquarters building of The American Institute of Architects in Washington, on the basis of this concept. The winning firm was picked from 221 submissions throughout the nation. Unique design problem was to blend distinctive contemporary architecture with the historic Octagon House, completed in 1800 and a registered national landmark.

marks Committee of the National Capital Planning Commission and the Commission on Fine Arts.

The new headquarters building will be erected at an estimated cost of \$1,450,000. An additional \$30,000 has been allocated for the use of sculpture or other fine arts.

The winning design features a ground-floor exhibition gallery, which the architects describe as "a significant area for communication between the public and the architect. The library becomes a sector of the gallery. The

high purpose of both bring them together as one entity."

Architect Hugh Stubbins, FAIA, of Cambridge, Massachusetts, chairman of the competition's jury, said of the winning design:

"Mitchell and Giurgola have offered a unique approach to a difficult and unusual problem. Their concept is a thoughtful and meaningful proposal capable of the highest development.

"Most important, perhaps, is that the concept fulfills the stated requirement."  
(Continued on page 8)

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ment of demonstrating that a distinctive contemporary building can live in harmony with fine architecture of a former time."

The Mitchell/Giurgola firm was started in Philadelphia on January 1, 1958, with each principal bringing several years of experience to the association.

In November, Mitchell/Giurgola Associates won the Gold Medal of the Philadelphia Chapter of the AIA for "the most significant contribution to architecture." The best-in-show design, picked from more than 75 entries was

a new parking facility for the University of Pennsylvania.

In 1961 the firm won a Philadelphia AIA Chapter first award for the American Center for Insurance Education at Bryn Mawr, Pennsylvania. It was one of eight finalists from 256 entries in the Boston City Hall National Competition in 1962 and its design for the Franklin Delano Roosevelt Memorial won an honorable mention citation in 1961.

Other finalists in the AIA competition included I. M. Pei Associates, New York City; the Perkins and Will Partnership, Chicago; Charles R. Colbert,

FAIA, New Orleans; Donald B. Thelme, FAIA, Houston; Jean Labadie, FAIA, and Carr Bolton Abernethy, Princeton, New Jersey; and C. Julian Oberwarth & Associates, Frankfort, Kentucky.

Jurists, in addition to Chairman Stubbins, were Edward Larrabee Barnes, AIA, New York City; J. F. Carroll, Jr., FAIA, Philadelphia; Neil Ford, FAIA, San Antonio; John Carl Warnecke, FAIA, San Francisco. A. Stanley McGaughan, AIA, Washington, D. C., was professional advisor.

• The 52-year-old Richmond architectural firm of Marcellus Wright & Partners became a six man partnership on January 1, as Marcellus Wright, FAIA, Richard N. Anderson, Jr., AIA, Frederic H. Cox, Jr., AIA, Stevens L. Jones, RA, William W. Moseley, AIA, and Donald L. Strange-Boston, AIA, PE, formed a group of architects and engineers who will carry on the firm widely located and diversified work.

The new group will be known as Marcellus Wright & Partners, Architects-Engineers.

Scientific and research facilities occupy a large part of the firm's current practice and include the NASA Space Radiation and Effects Laboratory, Virginia Associated Research Center, NASA Stabilization and Control Laboratory and Photographic Laboratory at Patuxent River, Maryland.

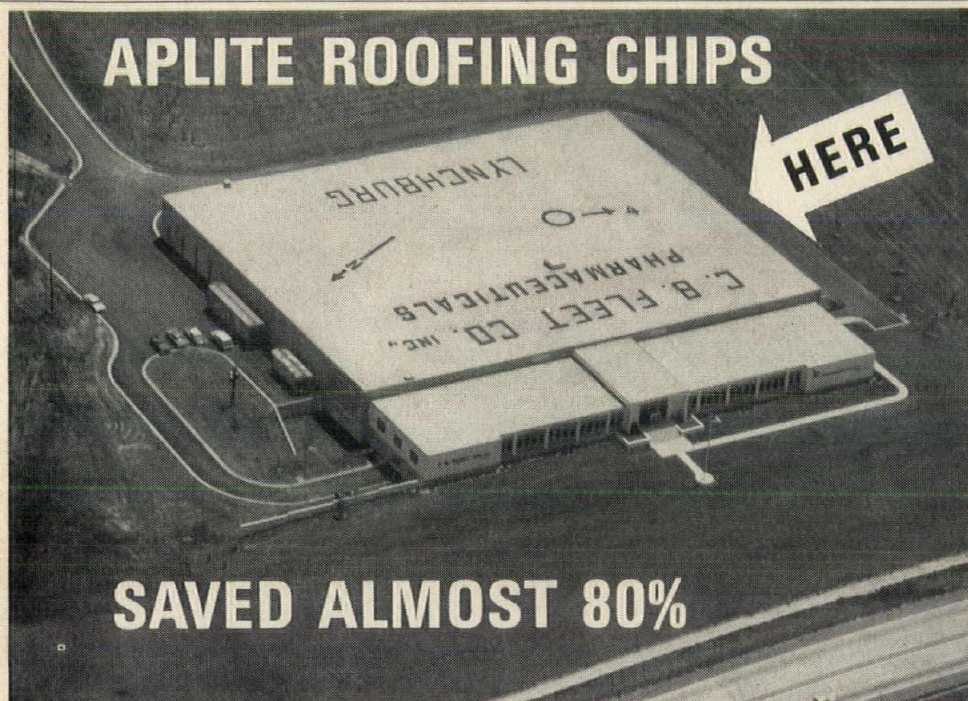
Long associated with Richmond Hotels, Inc. for whom they built the John Marshall, William Byrd and Chamberlin Hotels in the 1920's and completed extensive renovations within the past few years, this firm has undertaken the design of a large group of America House Motor Inns to be constructed for the hotel chain.

Navy Bureau of Yards & Docks and Army Corps of Engineers work now underway includes the Atlantic Fleet Intelligence Center in Norfolk and the Amphibious Warfare Research Center at the Quantico Marine Base.

Hospital work now being handled by the firm is the expansion program for the Dixie Hospital in Hampton (completed by the Wright office in 1959) and for the John Randolph Hospital in Hopewell. The new Southampton Memorial Hospital was designed by the firm.

Others include the Recreation and Occupational Therapy building, the twelfth of a projected 15 buildings at the new Western State Hospital in Staunton.

(Continued on page 11)



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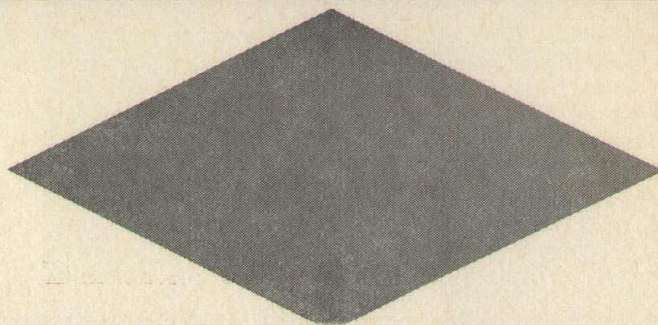
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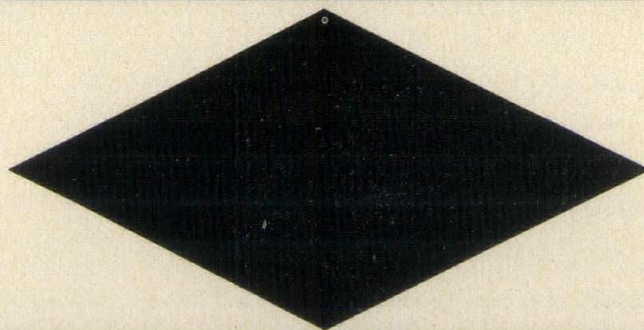
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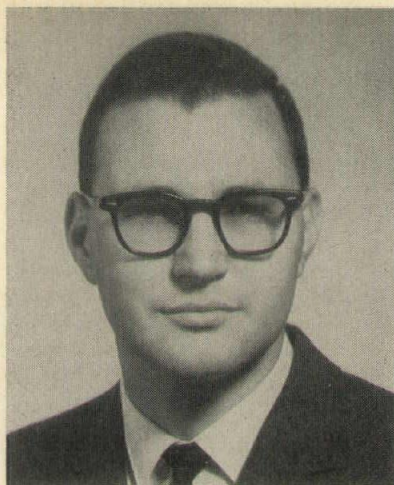
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### NEW CORPORATE MEMBERS, VIRGINIA CHAPTER, AIA



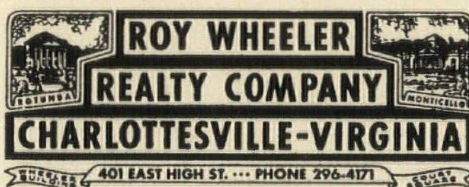
**JAMES WARREN BURCH**

Born January 28, 1924 in Richmond. Graduated from Thomas Jefferson High School, Richmond, and V. P. I. with a B.S. degree in 1951. Worked for Hercules Powder Co. in Radford; Smithy & Boynton, Architects; and Department of Mental Hygiene of the Commonwealth of Virginia, before forming partnership of Weimer & Burch in Richmond in August of 1964. Became an Associate Member of Virginia Chapter, AIA in 1959.



**RONALD ORLANDO CRAWFORD**

Born August 7, 1936 in Baltimore, Md. Graduated from William Fleming High School in Roanoke in 1954, and V. P. I. in 1959 with a Bachelor of Architecture Degree. Held the Tile Council of America Scholarship. Worked for Brown, Deacon & Clay; Eubank, Caldwell & Associates; and J. Garry Clay, Architect in Roanoke before joining the firm of Randolph Frantz & Associates in August, 1964.



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**GEORGE REVELL MICHAEL, JR.**

Born November 24, 1931 in Baltimore, Md. Attended Forest Park High School in Baltimore, and Parksley High School, Parksley, where he graduated in 1954. Graduated from College of William and Mary in 1954 with a B.A. Degree, and from University of Virginia in 1962 with a Bachelor of Architecture Degree. Has worked for Colonial Williamsburg, Inc., U. S. Army, and Milton L. Grigg, FAIA, Architect before becoming an Associate in the firm of Saunders and Pearson, Alexandria, in August 1963. Was member of Student Chapter at University of Virginia. He became an Associate Member in June, 1963.



**ROBERT STANLEY PILAND, JR.**

Born February 6, 1932 in Newport News. Graduated from Warwick High School, Newport News in 1950. Attended University of Richmond, and graduated from University of Virginia in 1960 with a Bachelor of Architecture Degree. Worked for Williams & Tazewell, Norfolk; Forrest Coile & Associates, Newport News, and Rancorn, Wildman & Krause, Newport News. Opened own office in April 1964 under the name R. S. Piland, Jr., Architect in Newport News.

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**PETER REISNER**

Born October 30, 1933 in Austria. Graduated from M. F. Maury High School in Norfolk in 1951, and from University of Virginia in 1956 with a B.S. Degree in Architecture. Worked for Oliver & Smith, Norfolk; Saunders & Pearson, Alexandria; E. W. Dreyfuss & Associates in Washington, D. C. prior to becoming an associate in the firm of Shriver & Holland, Architects, of Norfolk.



**JOHN OLIVER STEIN**

Born June 12, 1921 in Meadville, Penn. Graduated from Meadville High School in 1939, attended night schools, Carnegie Institute of Technology and Pennsylvania State College. Served with Seabees during World War II. Has worked for E. Paul Hayes, Architect, and Hayes, Seay, Mattern & Mattern in Roanoke, before becoming an Associate of the firm in 1953. Became an Associate Member of the Virginia Chapter, AIA in 1960.

**NEXT MONTH:**

**ANNUAL GARDEN WEEK  
ISSUE**



**DONALD LACHLAN  
STRANGE-BOSTON**

Born December 11, 1929 in Shreveport, La. Graduated from St. John's High School, Shreveport in 1946; Georgia Institute of Technology, Atlanta, Ga. in 1950 with a B.S. Degree, and in 1951 received a Bachelor of Architecture Degree from the same school. Worked for Silas Mason Co., Burlington, Ia.; John E. Sommerville, AIA, Green Bay, Wisc.; Frederick W. Raeuber, Architect, Manitowoc, Wisc. and Marcellus Wright and Son, Richmond. On January 1, 1965 became partner in firm of Marcellus Wright and Partners.



**ROBERT EVERETT  
WASHINGTON**

Born October 31, 1938 in Anderson, S. C. Attended Calhoun-Clemson High School and Daniel High School in Clemson. Attended University of South Carolina before transferring to Clemson College where he received Bachelor of Architecture Degree in 1961. Worked for F. Louis Wolf, Architect, and James M. Hartley, Architect, both of Florida. Became partner in firm of Keeling, Washington and Associates, Norfolk in July, 1964.

*(AIA News continued on page 26)*

## **NEW PROFESSIONAL ASSOCIATES**

### **EDWIN B. SMALL**

Born January 21, 1921 in Norfolk. Graduated from Maury High School, Norfolk, in 1939. Has worked for various architectural firms in the Norfolk area until 1963 when he established his own office under the name of Edwin B. Small, Architect. (No picture available.)

### **ROBERT NELSON McLELLON**

Born April 19, 1928 in Washington, D. C. Graduated Woodrow Wilson High School, Portsmouth, in 1944. Received Associate at Arts Certificate from Norfolk Division, College of William & Mary-VPI, Norfolk, in 1949. Worked for Corps of Engineer in Norfolk before going to work for A. Ray Pentecost, Jr., AIA, Architect, Norfolk, in 1955. Presently partner in firm of Pentecost, Wade and McLellon, Norfolk. (No picture available.)

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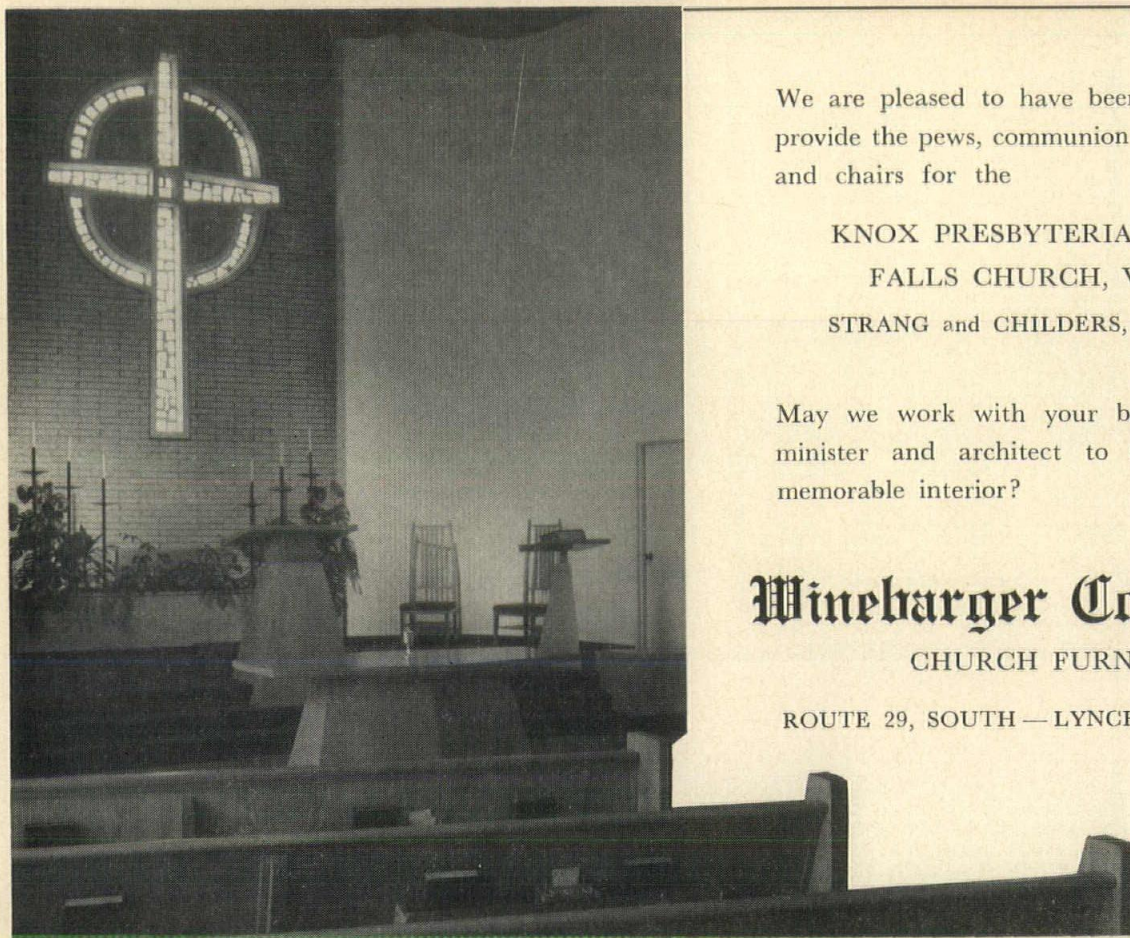
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**GASTONIA, N. C. — 28053**



# Virginia's Tallest Office Building Offers Panoramic View of Capital

VOSBECK-VOSBECK & ASSOCIATES: Architects

OAK HILLS COMPANY  
Owner and Builder

ERIC PAEPKE  
Landscape Architect

1401 Wilson Boulevard, Arlington County, Virginia's tallest office building, is located in the Rosslyn Re-development Area directly across the Potomac River from the nation's capital. Designed by Vosbeck-Vosbeck and Associates of Alexandria, the new building rises about five stories higher than any of its tall neighbours to afford its tenants a panoramic view of Washington, D. C. from the National Cathedral down the river to the National Airport.

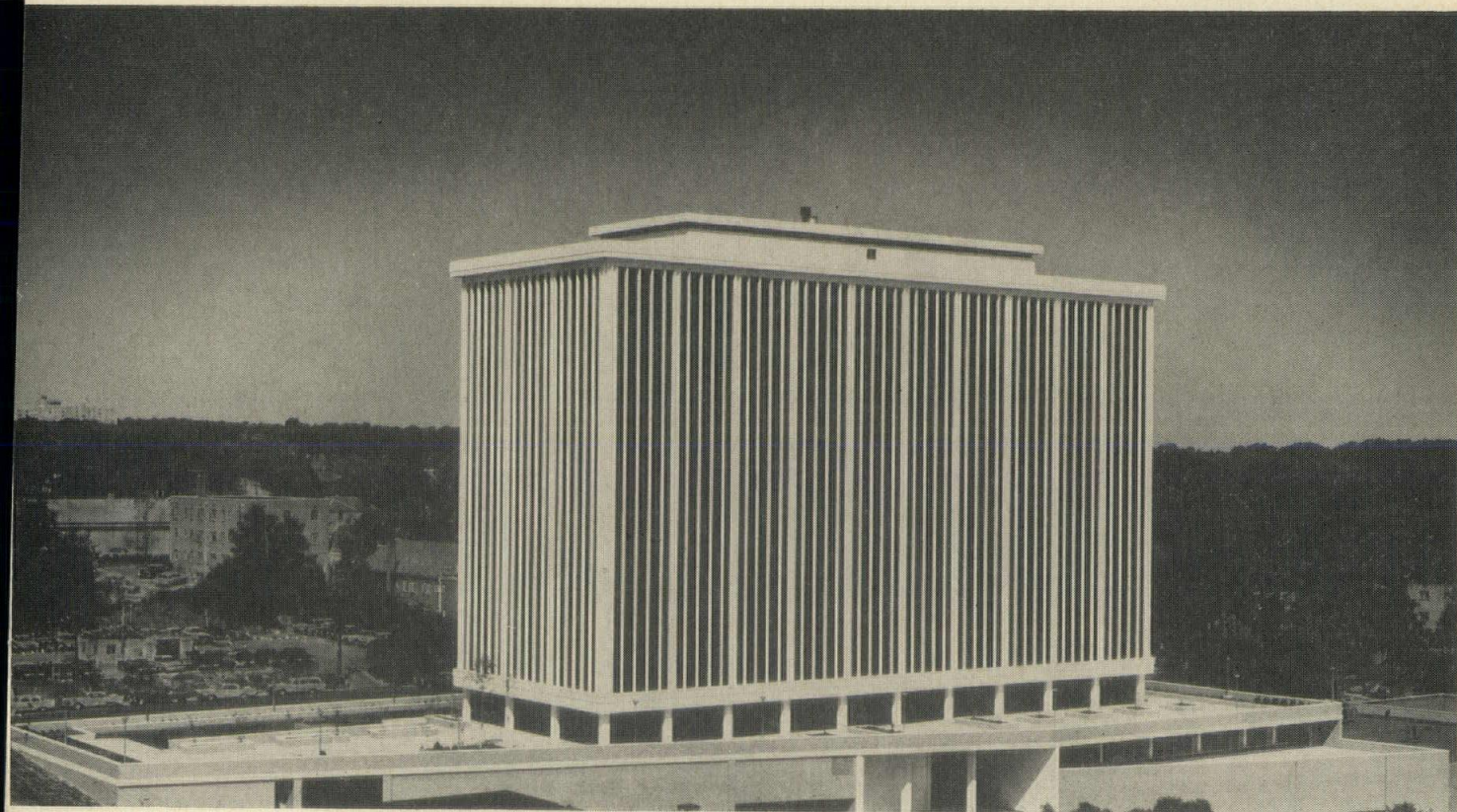
The tower of the \$5½ million building is faced with continuous pre-cast concrete vertical white sun fins and column covers located on a 4-foot module around the entire perimeter. A dark grey, glare and heat reducing glass is used between the fins, set in a dark grey epoxy window section above a dark grey spandrel cover. The entire structure rises to a height of 177 feet from its "C" level parking entrance on Nash Street.

There are four levels of parking below the first floor which will accommodate approximately 500 cars. On the first level, a large terrace and plaza level is the focal point of the total complex. This plaza has landscaping, trees, sitting areas, and affords an excellent view of the Washington skyline. There are two main lobbies to the building, one off Oak Street and one off of Nash Street. The lobby, as well as the first floor exterior columns, is of Grecian marble finish and a luminous ceiling gives a soft but efficient light to the lobby. The building is served from a central core on each floor composed of a lobby, six high speed elevators, two

stairs and toilet facilities. The elevators are of the high speed type, completely automatic, equipped with electronic devices for evaluating load and peak load conditions. The interior office space is designed on a four-foot modular system. The ceiling is suspended spline system with 2 x 4 acoustical tile panels and 2 x 4 recessed lighting fixtures arranged to give a maximum of flexibility in the office layout. The acoustical tile is perforated to provide a ventilated ceiling for heating and cooling. The entire area above the ceiling tile serves as a plenum for the conditioned air. The lighting fixtures can be moved to suit the particular office layouts. Office partitioning is of the movable type and is designed in a four-foot modular pattern to reflect the ceiling system above.

Leasing of rental office space is almost complete and it is apparent that a majority of the tenant firms will be of the research and development type doing contract work for the U. S. Government.

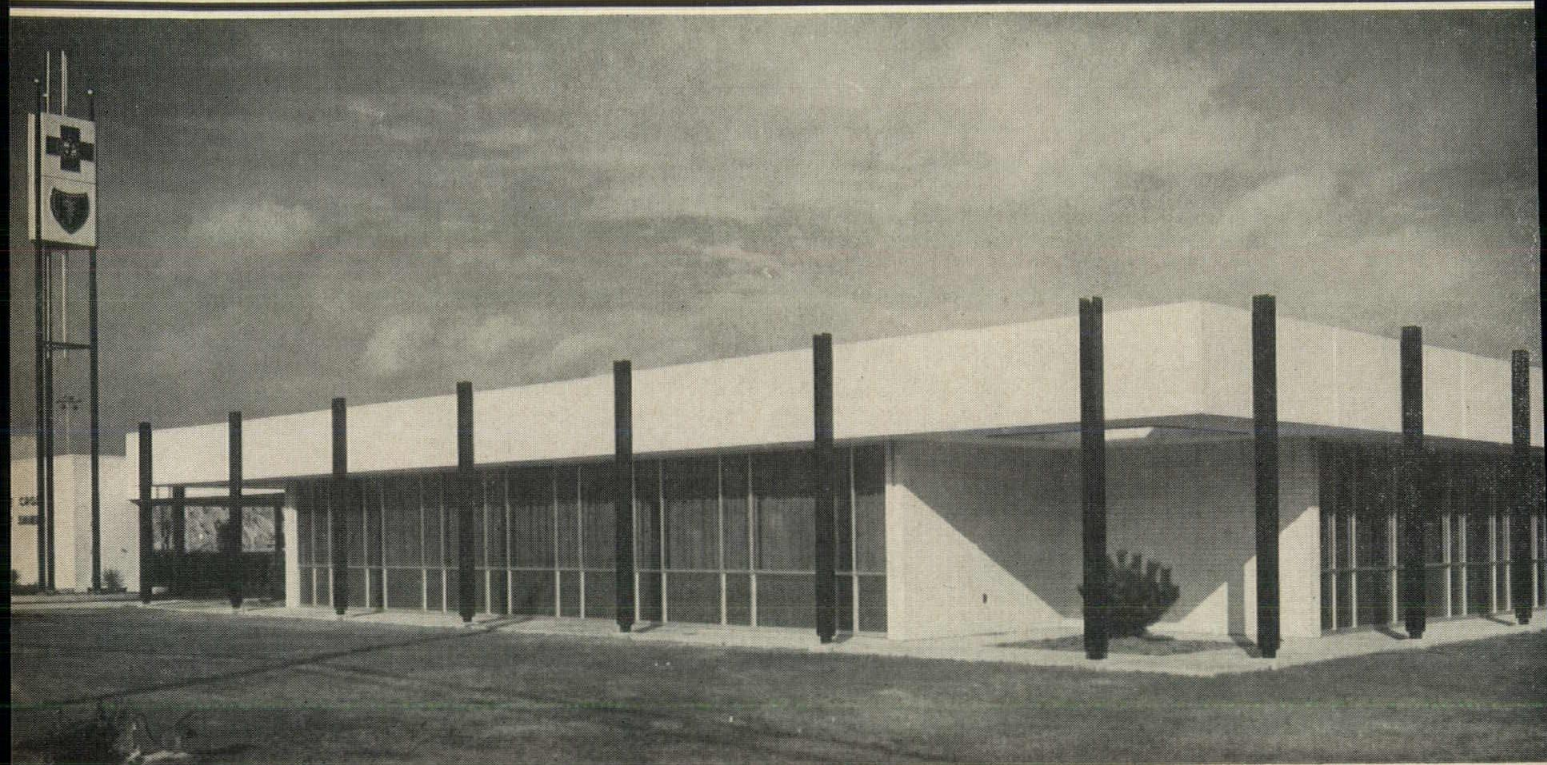
Principal subcontractors and suppliers included the following: concrete, Kirk-Lindsey; mechanical, C. S. Johnson; electrical, Trovato Electric Co., Inc.; acoustical ceilings, Southern Floors & Acoustics, Inc.; elevators, Otis Elevator Co.; roofing, Rose Brothers Co.; plastering, R. H. Mitchell & Son; marble and terrazzo, Franklin Marble & Tile Co., Inc.; partitioning, Anning-Johnson Co.; stonefront, Pittsburgh Plate Glass Co.; precast concrete, Tecfab, Inc.; windows, Hope's Windows, Inc.; landscaping, Thos. E. Carroll & Son, Inc. All are metropolitan Washington firms.





# NORFOLK BLUE CROSS OFFICES

OLIVER & SMITH, AIA, Architects • FRAIOLI-BLUM-YESSELMAN, Structural Consultants  
• VANSANT & GUSLER, Mechanical & Electrical Consultant • LANGLEY & McDONALD, Site Consultants  
• WALTER T. GREGORY Construction Corp., General Contractor



(Photos by Oliver & Smith, AIA)

**T**HE VIRGINIA HOSPITAL SERVICE ASSOCIATION's new branch office at 6222 Virginia Beach Boulevard, Norfolk, is a unique structure whose massive-appearing roof is supported by steel I-beams.

The interior, too, is a departure from

conventional arrangement. Offices and work spaces are located on the perimeter, around a utility core which serves a variety of functions.

The architects, Oliver & Smith, AIA, of Norfolk, made the building square, 80 by 80 feet, with an exterior

of block, brick, cast stone and aluminum and glass windows with ceramic tile spandrels.

The roof overhangs a walkway which runs around the entire building. At each of three corners is a planter over which the roof opens. At the

*At left is shown the reception area with secretaries' desks; at right, one of two conference rooms.*







*Left, employee's kitchen-coffee room. Right, meeting room.*

fourth corner is a patio for the use of employees during snack-time.

Interior walls are of white, glazed brick, plaster and wood paneling.

The utility core contains a conference room, a kitchen-coffee room, a room for telephone equipment, rest rooms, photo-copying department and

a storage room which provides access to the heating and air-conditioning units overhead. Heating is by natural gas. *(Continued on page 41)*

**T**HE NEW OFFICE BUILDING for Government Employees Insurance Corporation at 3237 Virginia Beach Boulevard, Virginia Beach, was designed to grow with a growing company.

The architects, Oliver & Smith, AIA, of Norfolk, planned the brick

and stucco structure so that a walk-through on the east side of the building can be converted to office space with a minimum of effort.

The walk-through is a trifle smaller, but otherwise similar to a drive-through on the west side of the building which GEICO staff members use to reach a

parking area in the rear.

Another expansion phase would permit the construction of a covered area extending back from the east end of the building.

A rectangle, 37 by 100 feet, the building is set back some distance from *(Continued on page 41)*



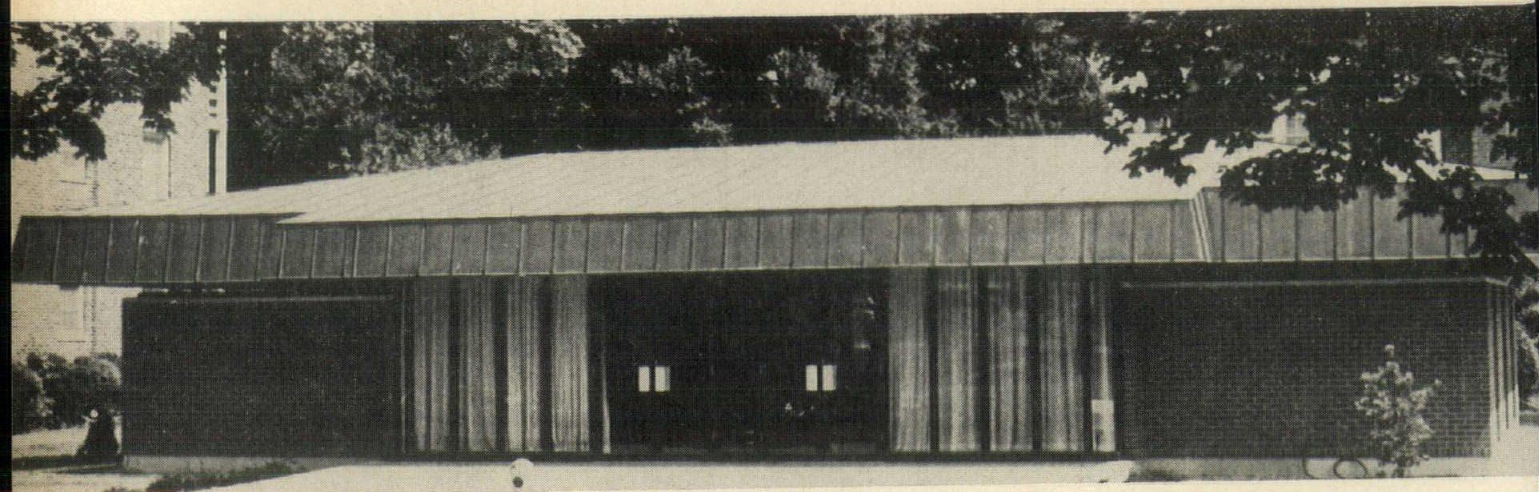
## INSURANCE COMPANY OFFICE BUILDING

OLIVER & SMITH, AIA, Architects • FRAIOLI-BLUM-YESSELMAN, Structural Consultants

• M. J. THOMPSON, III, Mechanical Consultant • E. H. BOWMAN, JR., Electrical Consultant

• W. B. MEREDITH, II, INC., General Contractor





# WINCHESTER SAVINGS & LOAN ASSOCIATION

MILTON GUREWITZ & ASSOC.  
Structural Consultants

COOPER & AUERBACH, AIA: Architects

HOWARD SHOCKEY & SONS, INC.  
General Contractors

**T**HIS DESIGN as presented to the Association's Board of Directors was a considerable departure from more frequently seen Colonial adaptations. However, it was felt that the Association should have identity indicative of present day business functions within the limits of good taste.

One major design consideration was a corner site in a semi-commercial area with a large Victorian residence across the street and, opposite the front entrance, a small apartment house on one side, and a church across the street on

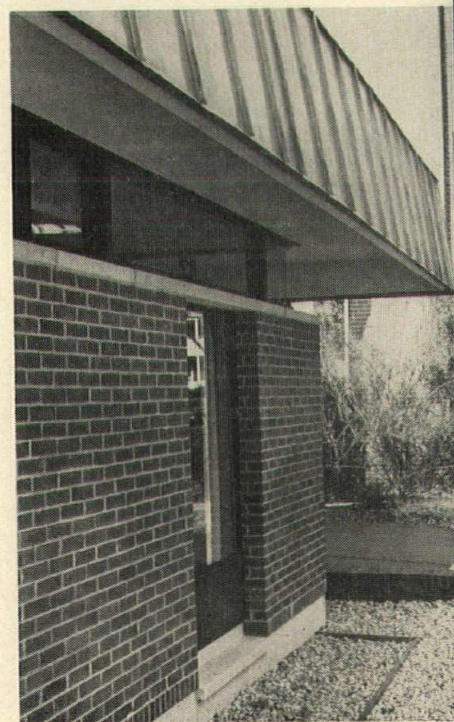
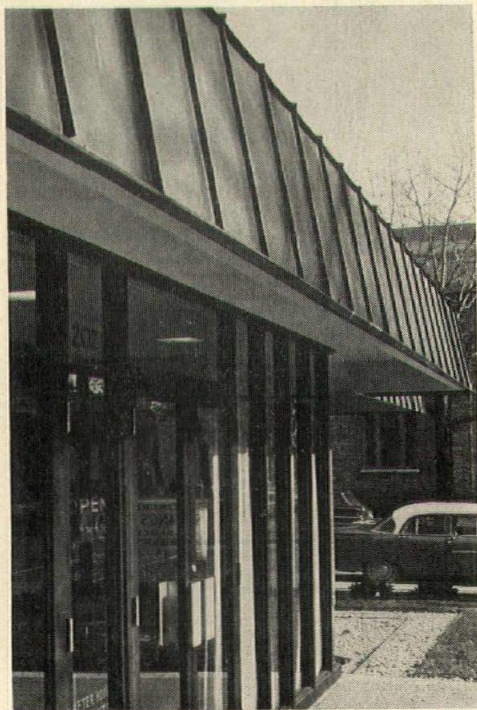
the other side. All of these structures were a minimum of three floors high.

A second consideration was the historical character of the city and many of its buildings. With the previous factors in mind plus the basic business nature of the Association, the architects decided the building should be somewhat formal and generally warm in character. The two principal design features resulting from this program were a symmetrical plan and a dominant roof shape. To alleviate the possibility of a visually heavy roof, a glass band was introduced around the entire building perimeter at ceiling level, thus visually separating wall and roof. Other design considerations evolved naturally from this basis.

Selection of major building materials to meet the design program were a sand finished brick similar in texture and color to older buildings in the area and the use of cast stone sills and building base with a finish color blending with brick mortar. Standing seamterne metal roof surfaces are common

to the area and considered appropriate for use here. However, copper for its durability and color was selected in lieu of terne. As the copper ages, it complements the brick tones. Quarry tile was selected for the entrance wall and the main floor area within the building. Again color selection was to complement the brick.

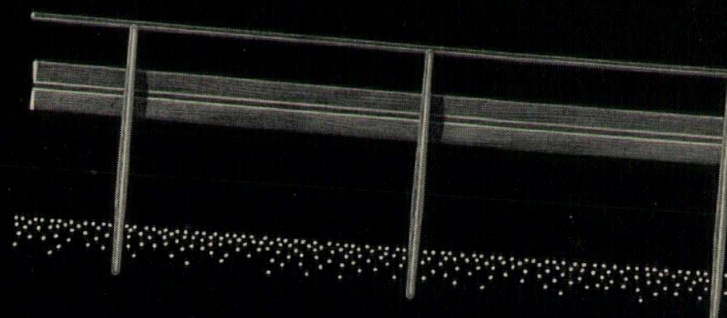
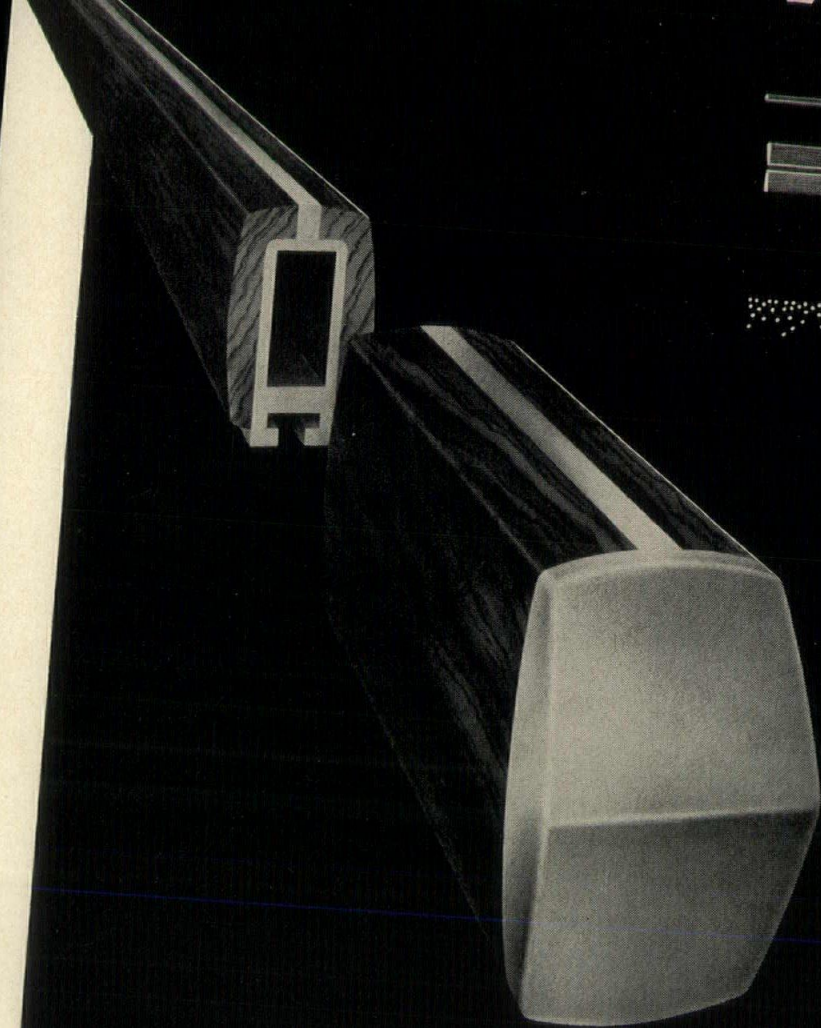
The main floor consists of lobby and teller area, work area, three offices, two secretarial areas, and vault. Lower level contains toilets, lounge, directors meeting room, storage and mechanical equipment rooms.



## SUBCONTRACTORS & SUPPLIERS

Howard Shockey & Sons, Inc., the general contractor, did the excavating, carpentry, acoustical and plaster work. Other subcontractors and suppliers, all Winchester firms unless otherwise noted, included Crider & Shockey, Inc., concrete; Haymaker, masonry contractor; Anderson Sheet Metal Works, Inc., roofing; Arban & Carosi, Alexandria, cast stone work; Overly Mfg. Co., Greensburg, Penna., window walls, steel doors and bucks; Pittsburgh Plate Glass Co., Hagerstown, Md., glazing; Clarence Swisher, painting; Commonwealth Tiles, Inc., ceramic tile; The Floor Shop, resilient tile; Blue Ridge Ornamental Iron Works, Inc., steel grating; Baker & Anderson Electrical Co., Inc., electrical work (Lightolier-Pittsburgh Reflector Co., fixtures); Miller & Anderson, plumbing (American-Standard fixtures), air conditioning, heating, ventilating. Insulation was by Owens-Corning.





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\*Trademark

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600 BRANDON AVENUE

# Three Charlottesville Apartment Dev

- 600 Brandon Avenue is a brick rectangular building 52,000 feet square. Two stories high, it has interior walls of plaster, a built-up roof, aluminum windows and wood parquet floors.

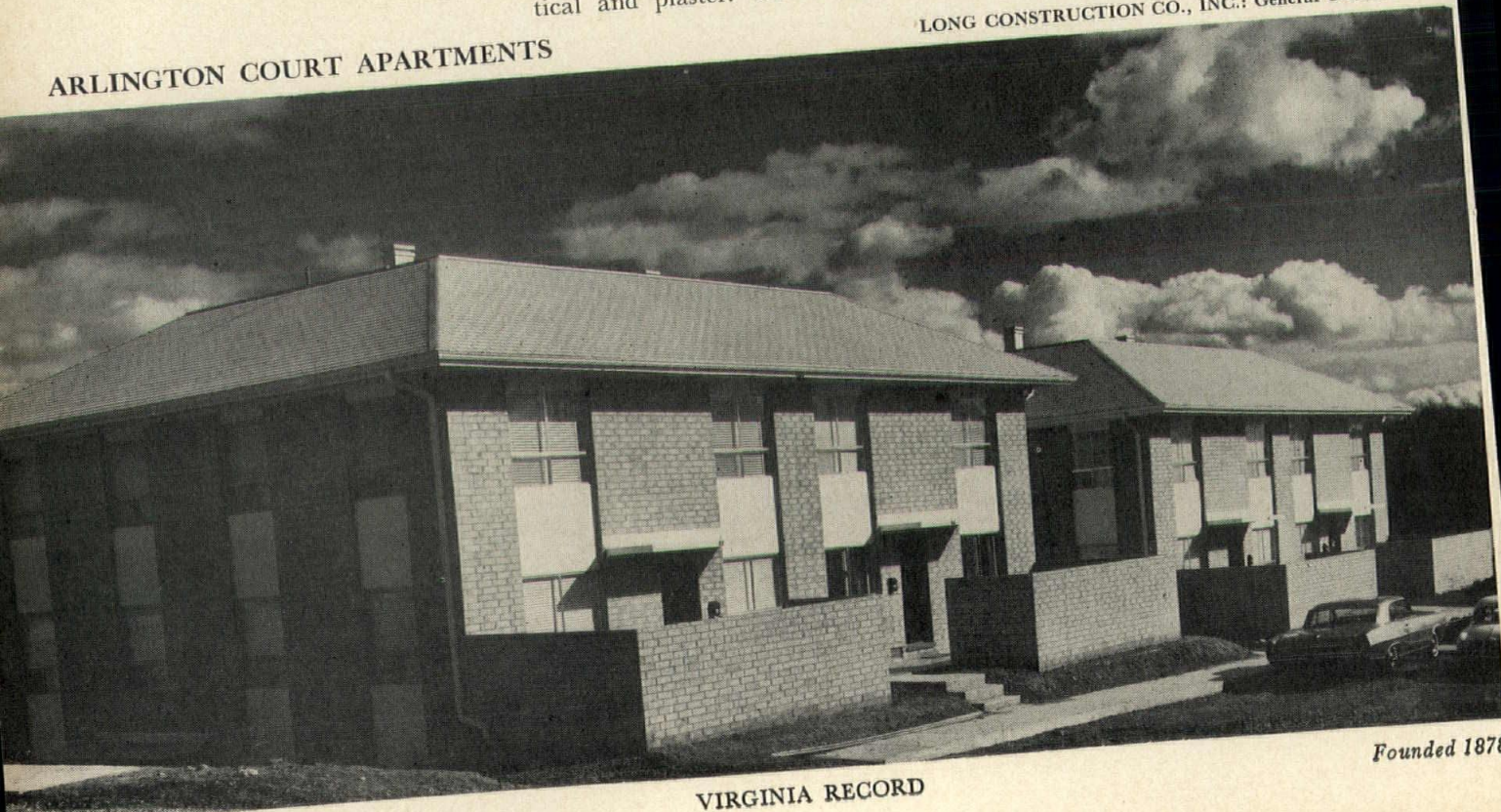
• Subcontractors and suppliers for the three apartment projects are as follows. All are Charlottesville firms unless otherwise noted.

For 600 Brandon Avenue: Dawes & Snead Associates, general contractors, did the work on foundations, concrete, masonry, steel, carpentry, waterproofing, weatherstripping, insulation, acoustical and plaster. Others were C. L.

Powell, excavating; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete; W. A. Lynch Roofing Co., roofing; Pittsburgh Plate Glass Co., windows, window walls, glazing; Davidson Paint & Wallpaper Co., Roanoke, painting; Standard Tile Co., Waynesboro, structural, ceramic and resilient tile, wood flooring; Republic Lumber Co., Inc., Waynesboro, millwork;

## ARLINGTON COURT APARTMENTS

LONG CONSTRUCTION CO., INC.: General Contractors



Founded 1878

VIRGINIA RECORD





LONG CONSTRUCTION CO., INC.: General Contractor

LAFAYETTE GALLERY APARTMENT

## ments Designed by Joseph T. Norris

southern Building Products Distributors, Inc., Roanoke, steel doors and trucks; Harry A. Wright's, handrails; Piedmont Electric Supply Corp., lighting fixtures; Birkhead Electric Co., electrical work; C. P. Martin Co., Inc., plumbing (American-Standard fixtures). Air conditioning, heating and ventilating were by General Electric.

For the Arlington Court Apartments: Long Construction Co., Inc., the general contractor, did the work on foundations, concrete, masonry, structural wood, carpentry, weatherstripping, insulation, wood flooring and ventilating. Others were Huffman Engineering Co., excavating; W. A. Lynch Roofing Co., roofing, waterproofing; Security Aluminum, Detroit, windows; Custom Home Furnishings, painting; Standard Tile Co., Waynesboro, ceramic and resilient tile; Johnson Winsett, Springfield, millwork; Ornamental Iron Service, handrails; J. M. Murphy, Roanoke, lighting fixtures, electrical work; Sullivan Heating & Cooling Co., Shenandoah, plumbing (Case fixtures). Air conditioning and heating were by Westinghouse.

• Arlington Court Apartments, located on Arlington Boulevard, consist of eight 66 x 40 foot two-story brick buildings rectangular in shape. Interior walls are of sheetrock, roof is asphalt shingle, windows are aluminum and floors are made of oak.

For Lafayette Gallery Apartment: Long Construction Co., Inc. did the work on foundations, masonry, roofing, structural wood, carpentry, glazing, painting, waterproofing, weatherstripping, and insulation. Others were C. L. Powell, excavating; H. T. Ferron, concrete; Miami Window Corp., windows; Standard Tile Co., Inc., Waynesboro, structural, ceramic and resilient tile, wood flooring; Willman Layman, plaster, Saunders Home Improvement Co., millwork; Harry A. Wright's, handrails; Piedmont Electric Supply Corp., lighting fixtures, W. E.

• The three-story Lafayette Gallery Apartment is a 45 x 137-foot rectangle, with a brick exterior and interior walls of plaster. Roof is built-up, windows are aluminum and floors are wood parquet.

Brown, Inc., electrical work; Brunton & Hicks, Inc., plumbing (American-Standard fixtures). Air conditioning, heating and ventilating were by Westinghouse.

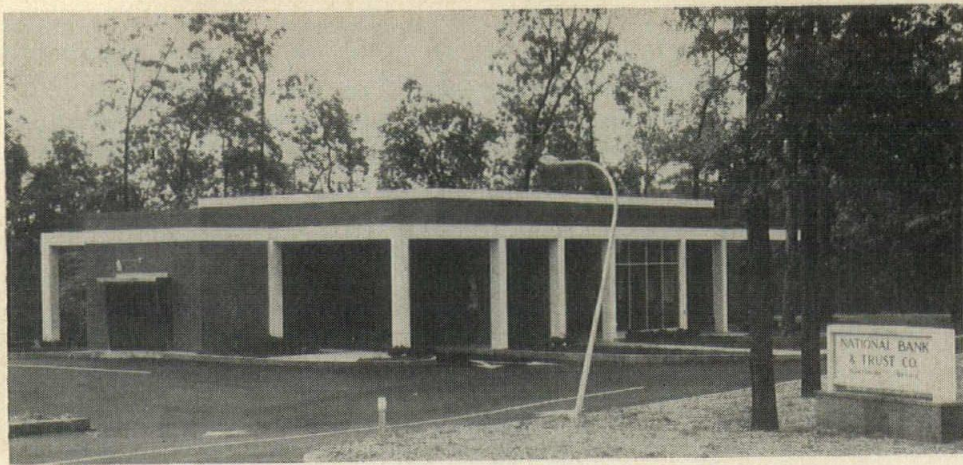
INTERIOR AT 600 BRANDON AVE.



FEBRUARY 1965

PAGE TWENTY-ONE





## Northside Office for National Bank & Trust Co. in Charlottesville

**T**HE NORTHSIDE OFFICE, latest constructed branch office of National Bank & Trust Co. of Charlottesville, was completed in June 1964. The desire of the owners to provide the most convenient and complete services to their customers prompted them to purchase a strategically located site in the expanding and desirable northwest section of the city. In an area which will in the future become the approximate centroid of the population of the city, businesses, shops, etc., and residences are rapidly developing and National Bank & Trust Co. is now prepared to better serve them.

The site is at the intersection of Hydraulic Road and Route 29 North, which offers excellent traffic circulation and patterns. At the time of the construction and completion of the banking facility, the building was nestled beautifully in a large wooded area, but in recent months a shopping center has developed immediately behind and on either side of the bank site.

The soft toned red brick walls serve as excellent background to accentuate the peristyle of cast-in-place white concrete columns, lintels and copings. The peristyle is broken on one side by an entrance vestibule and on the opposite side by a projection out of the manager's office space which has a panel of Buckingham slate between the columns. On the side of the building opposite the covered drive-in-teller there is a formal garden with a crape myrtle tree extending through open area of the peristyle. The well-planned landscaping layout complements the stately lines of the architecture.

STAINBACK & SCRIBNER  
Architects

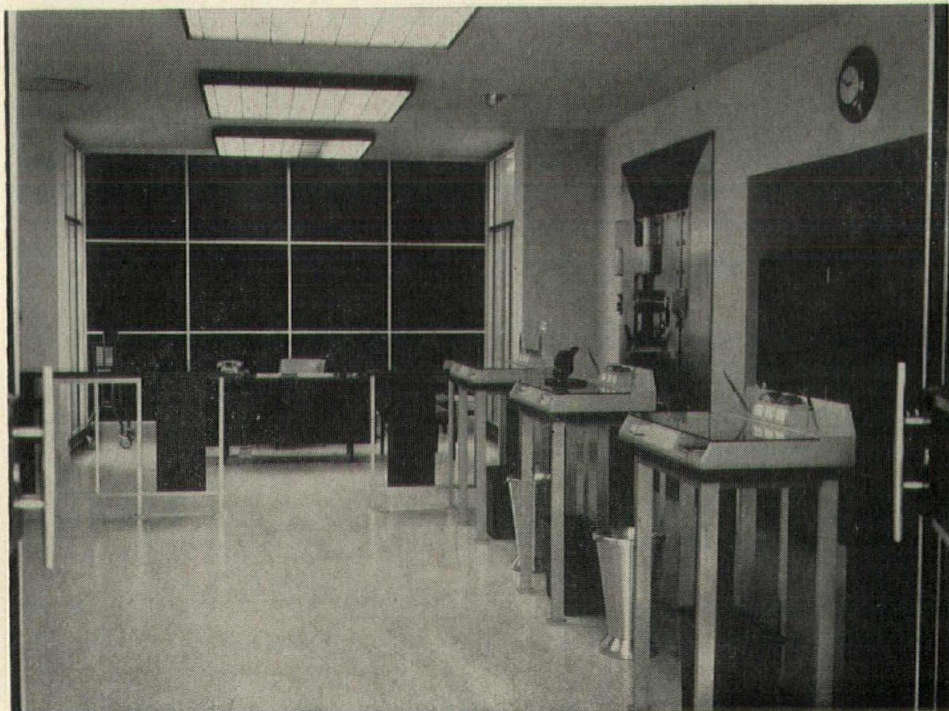
IVY CONSTRUCTION CORP.  
General Contractor

Interior features of the one-story structure include finished floor of "Dex-O-Tex" terrazzo using chips of same marble that is used for the base (Botticino), plastic coated wall covering over plastered walls and acoustical plaster ceilings punctured with recessed down lights. Walnut edged surfaced mounted fluorescent fixtures provide the illumination for the lobby and manager's office areas. A railing with panels of walnut set in aluminum framework separates the lobby from the executive space, vault and coupon booths.

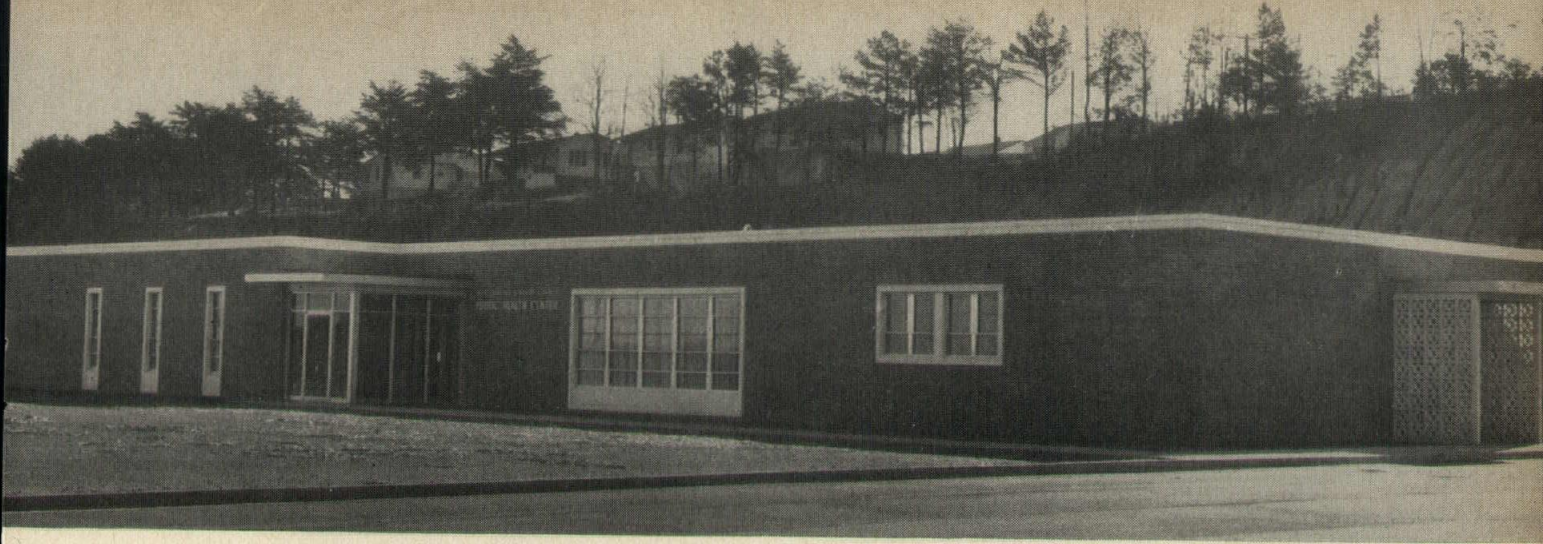
Services provided include three teller counters, two drive-in windows (one remote and one covered), manager's office which provides loan service, two roomy coupon booths, a spacious lobby, enclosed entrance vestibule, safety deposit boxes, night depository storage and toilet facilities and remote service and storage room. Well-lighted ample parking adjacent to the building has been provided with entrances and exits from both streets and, recently, entrance between the parking lot of the shopping center and the bank parking was opened.

### SUBCONTRACTORS & SUPPLIERS (Charlottesville firms unless otherwise noted)

C. O. Hall, Keswick, excavating; John W. Hancock, Jr., Inc., Roanoke, steel; W. A. Lynch, roof deck, waterproofing, roofing; Parkway Glass & Mirror Co., Roanoke, windows, window walls, glazing; A. L. Gianniny, painting, plastic wall finish; American Furniture & Fixture Co., Inc., Richmond, paneling, bank fixtures, handrails; R. H. Harris & Co., plaster, acoustical; Marsteller Corp., Roanoke, terrazzo, "Dex-O-Tex"; Barnes Lumber Corp., millwork; The Staley Co., Inc., Richmond, steel doors and bucks. Also, Piedmont Electric Supply Corp., lighting fixtures; Midway Electric Co., Inc., electrical work; L. A. Lacy Plumbing & Heating, plumbing fixtures, plumbing; Ray Fisher's Inc., air conditioning, heating, ventilating; S. L. Williamson Co., Inc., paving; Diebold Company, Hamilton, Ohio, banking equipment. The general contractor did the work on foundations, concrete, masonry, carpentry and insulation.







## MARTINSVILLE-HENRY COUNTY PUBLIC HEALTH CENTER

J. COATES CARTER, AIA: Architect

VANSANT & GUSLER  
Electrical Consultants

FRITH CONSTRUCTION CO., INC.  
General Contractor

• The Martinsville-Henry County Public Health Center was financed jointly by the City of Martinsville and County of Henry, with assistance from the Hill-Burton Act. Total contract cost of the project is \$150,850.00.

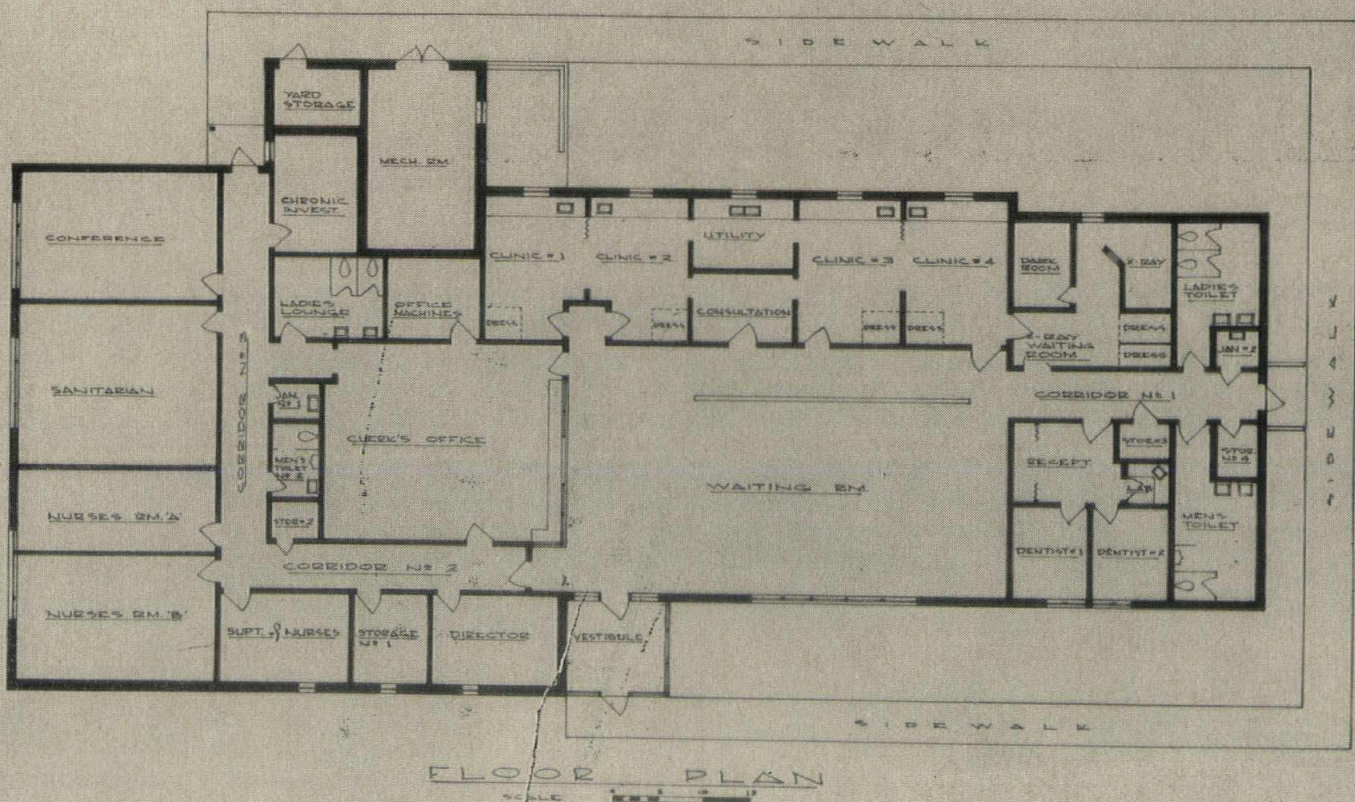
The building, which was to be completed and furnished by February 1, will serve a population of some 60,000 in the city and county. The plan provides for special waiting room, two dental clinics, four consultation and treatment rooms, x-ray equipment rooms, sanitation offices and offices for the director and nurses, and other miscellaneous spaces for storage or treatment.

There is a parking area back of the building for some 25 cars with access streets accessible to the major population center of the city and county.

This is the only medical center building provided for the city and county, other than remodeled residences during the past years. It is located in the city of Martinsville.

The entire area of building is 9,500 sq. ft., with air conditioning provided.

(Continued on page 42)





# THREE MODE WARD

## MAXWELL RESIDENCE

FORTUNE ENGINEERING  
ASSOCIATES

Structural Consultants

F. B. MORGAN  
(Beltsville, Md.)  
General Contractor

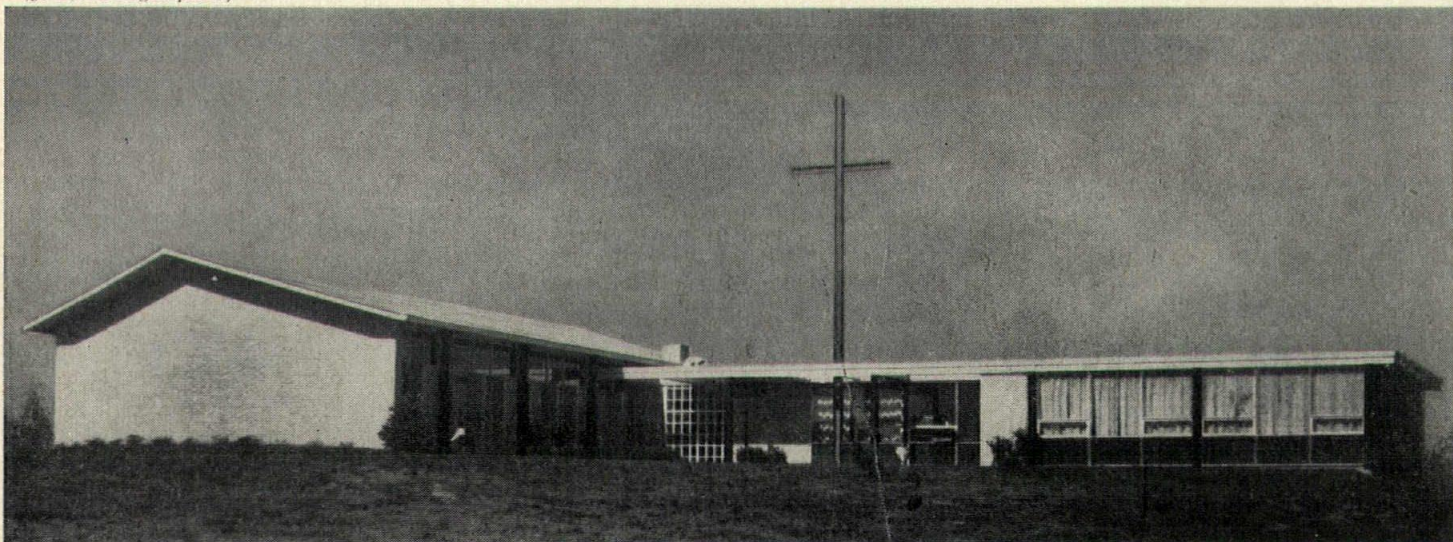
● The residence of Dr. and Mrs. Arthur E. Maxwell is located on Potomac Avenue in Washington. The exterior shown at the left and at bottom right of the opposite page, is of masonry construction with Glasweld panels. The two-story home, covering 30 by 50 feet, has a dry wall interior, aluminum windows and floors of hardwood and vinyl asbestos. Roof is built-up. Steel was erected by Arlington Iron Works, Inc.

● This modern church, shown in the center and bottom photographs, is located in Belair, Maryland. With an exterior of face brick, it is composed of one wing 65 by 31 feet with an asphalt shingle pitched roof and one wing, 70 by 36 feet, with a built-up flat roof. The interior is exposed steel, with aluminum windows and floors of asphalt and vinyl asbestos tile.

## GRACE LUTHERAN CHURCH

WRATHALL & OVALLE  
(Silver Spring, Md.)  
General Contractors

(J. Byron Logan photo)





# CONCEPTS BY ALL, AIA

# PROVIDENCE BUILDING

**KENDRICK & REDINGER**  
Mechanical & Electrical Consultants

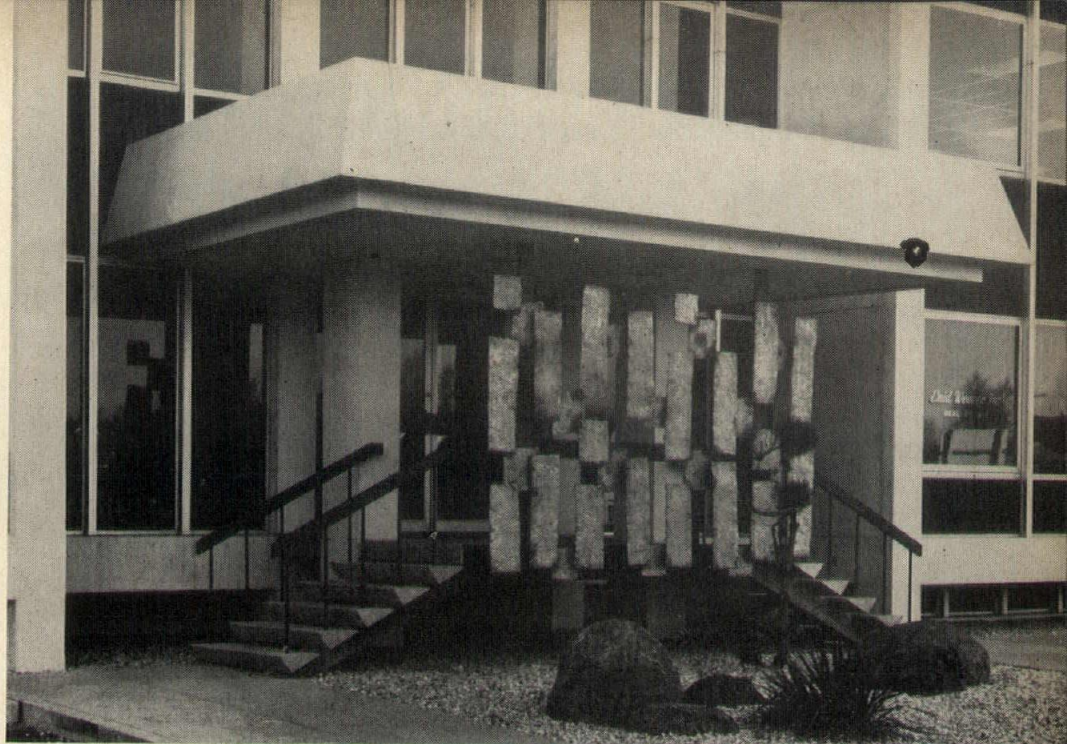
**FORTUNE ENGINEERING ASSOCIATES**  
Structural Consultants

**EUGENE SIMPSON & BROTHER**  
General Contractor

● The Providence Building, located in Falls Church, was completed last fall. The entrance is shown at top right and a photograph of the model at bottom left.

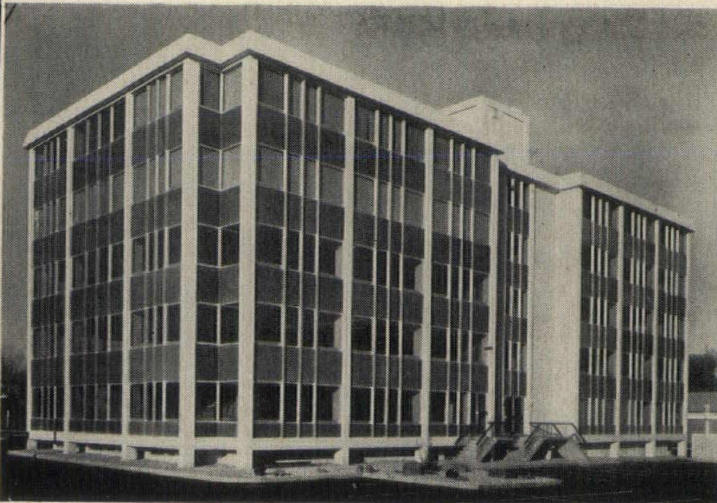
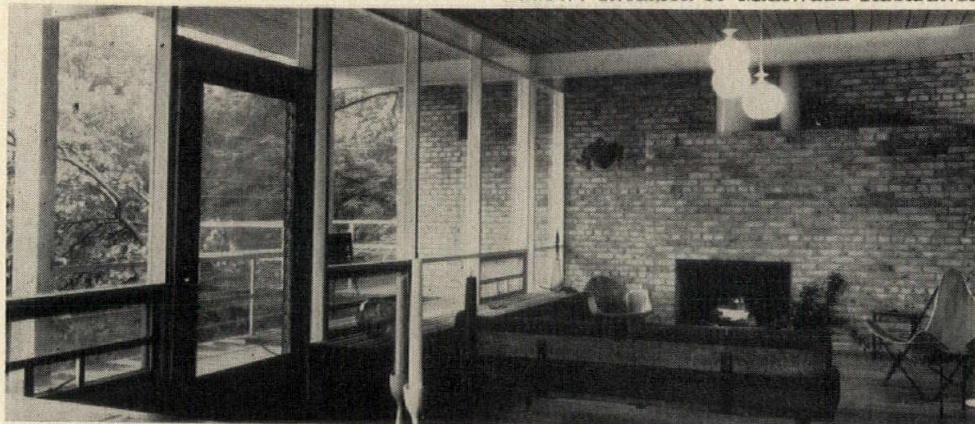
Five stories plus basement, the rectangular building covers 150 by 65 square feet. At the front elevation, there is a sculptured bronze screen prepared by Dean Carter, Associate Professor of Architecture at VPI. The work was actually done in Rome in the summer and shipped here recently for erection.

The general contractor did the work on excavating, foundations, concrete, masonry and carpentry. Steel erection was by Southern Iron Works, Inc., Springfield, and windows and window walls are by Tecfab, Inc., Beltsville, Maryland.



(J. Byron Logan photo)

BELOW: INTERIOR OF MAXWELL RESIDENCE





# Coliseum-Auditorium Exhibit Center for Downtown Roanoke

Associated Architects & Engineers:

SMITHEY & BOYNTON

THOMPSON & PAYNE

RANDOLPH FRANTZ & ASSOCIATES

SOWERS, RODES & WHITESCARVER

DR. GEORGE IZENOUR  
(New Haven, Connecticut)

Consultant for seating, sight lines, stage space

BOLT, BERANEK & NEWMAN  
(Cambridge, Massachusetts)

Acoustical Consultants

**R**OANOKE CITY has purchased a site of approximately 25 acres for its proposed Coliseum-Auditorium project. The site is convenient to downtown Roanoke, adjacent to a spur from an interstate highway, and within short walking distance of spacious hotel and motel facilities. This project, including not only a Coliseum and Auditorium, but an Exhibit Hall and related areas, is designed to serve Roanoke City, Roanoke Valley, and Southwest Virginia.

The Coliseum as designed will have an arena floor 98' x 212' and will have 6,600 permanent seats. The seating capacity can be substantially increased with slide-out and portable bleachers and with chairs. The total seating capacity for the following events will be:

Basketball, 8,390; Boxing and wrestling, 9,400; Tennis, 8,040; Ice Hockey, 6,600; Ice Shows, 6,600; Circuses, 6,600; Conventions and speeches, 9,400; Rodeos, 6,600; Banquets, 1,665 seated at tables. The arena floor, using temporary bleachers and chairs, will have a seating capacity of 2,800.

Chairs with tilt-up seats will be per-

manently installed on all concrete seat banks to provide for the permanent seats.

The arena floor is to be designed for flooding and freezing for ice skating and ice hockey. Team dressing room facilities will be provided which can serve also as dressing rooms for ice skating participants. The manager's office for the entire project will be placed at the Coliseum entrance where advance tickets for both Auditorium and Coliseum can be sold.

The Auditorium seating capacity is as follows:

Orchestra, 1,640; Balcony Boxes, 192; Balcony, 628; Total, 2,460.

A continental seating arrangement is used for all seats on the orchestra level and in the balcony side boxes. This is the only arrangement allowed by local codes that permits a stepped orchestra floor necessary to obtain ideal sight lines for the entire audience.

The major events to be accommodated are musical concerts, opera, ballet, drama, pageants, lectures, and meetings. Much study has already been



devoted to obtaining excellent acoustical characteristics. Sound absorption elements will be adjustable so that reverberation time can be changed to suit various uses of the auditorium. For functions not requiring maximum capacity, a portion of the ceiling can be lowered to close off the balcony, reducing the house size to about 1,600 seats which will be on the orchestra floor only.

Backstage facilities will consist of dressing rooms, work areas, and storage areas. Space at the front and sides of the auditorium will contain a lobby, lounges, public toilets, check rooms,

## AIA NEWS

(Continued from page 12)

### NEW ASSOCIATE MEMBERS

#### RAUL ANTERO ARCIA

Born September 10, 1921 in Havana, Cuba. Graduated from Institute of Havana and University of Havana where he received a B.A. Degree in Architecture. Attended Columbia University in New York for a year where he worked on his Masters Degree. Practiced architecture in Cuba until he came to this country and went to work for Waller & Britt, Architects, in Portsmouth.

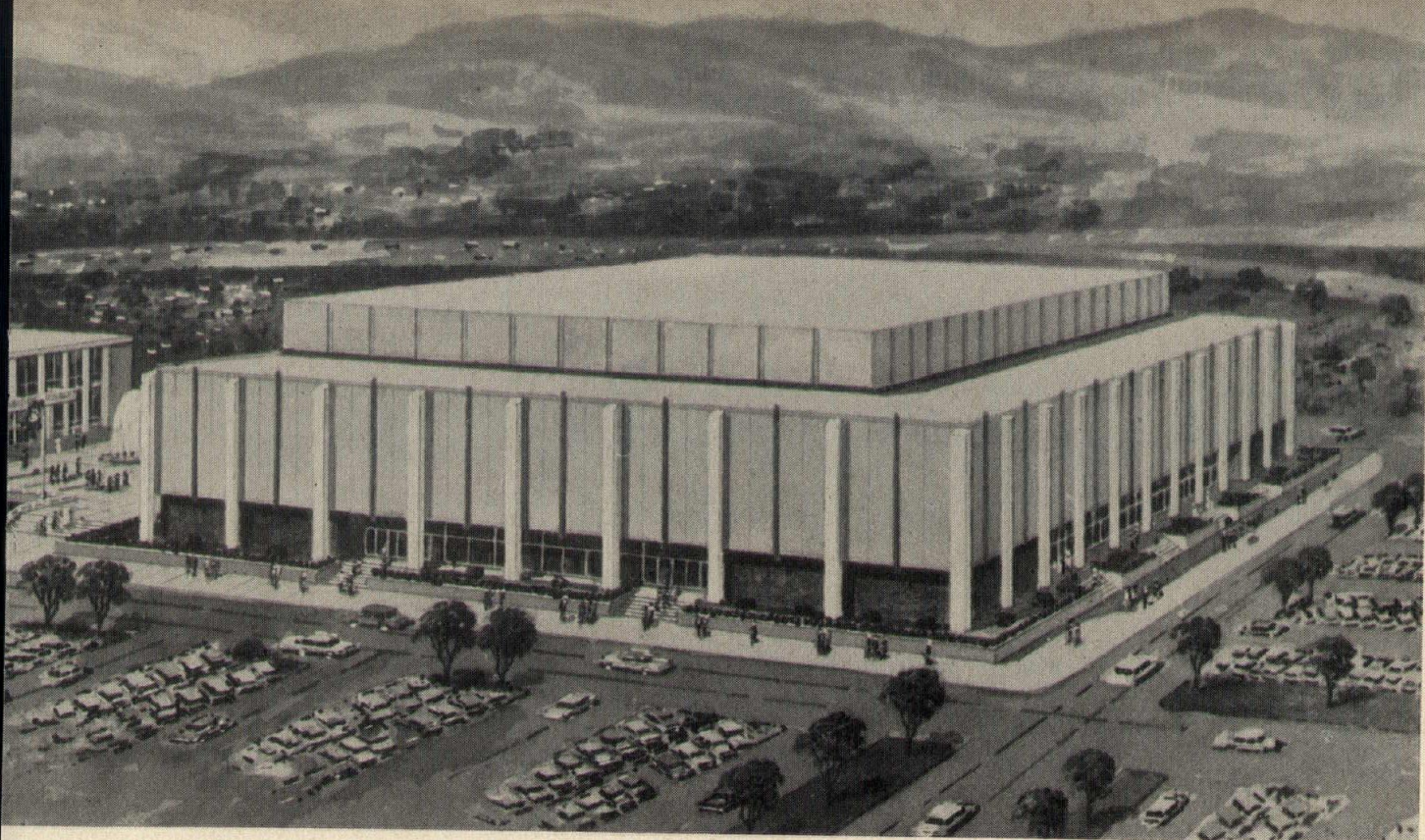


Arcia



Dearing





and storage facilities. An hydraulic hoist is to be provided for raising and lowering the orchestra pit floor.

The overall exterior design has been influenced by the best site arrangement to fit the property shape and size and to provide maximum parking space and easy access from and egress to existing and future highways. Between the two buildings is a wide expanse of open plaza which presents a beautiful approach to the main entrances of the Coliseum and Auditorium and provides adequate space for crowds in the event both are used simultaneously.

Under the Plaza, the Exhibit Hall,

designed for convention use and for alternate uses as Meeting Room and Banquet Hall, is accessible from exterior entrances and from Coliseum and Auditorium. The Exhibit Hall can be used for exhibit purposes with a capacity of 94 8' x 10' standard exhibit booths, as a large meeting room to seat approximately 1,250 with four small meeting rooms, or it can be used for banquets with seating capacity of 750 and on the arena floor of the Coliseum for 1,665, to be served at tables by outside catering services.

The exteriors of the buildings were designed to provide attractive enclos-

ures of their functional interiors. The design of both structures is contemporary and harmonious in appearance. Exterior wall panels are to be precast concrete with exposed aggregate of pleasing texture. Vertical lines of poured-in-place concrete columns will express the structure systems and between the columns are to be vertical lines of anodized aluminum in an attractive color. In addition to large glass areas, some walls of native stone will be used at the bases of both buildings.

Construction, equipment, and site development for the entire project are estimated to cost \$4,665,000.

**ROBIN ROMER DEARING**  
 Born July 7, 1931 in Roanoke. Graduated from Jefferson High School, Roanoke in 1949. Received a degree in Building Design from V. P. I. in 1961. Now working for T. A. Carter, Jr., Salem.

**CLINTON EDWARD JONES**  
 Born February 19, 1906 in Richmond. Graduated from John Marshall High School, Richmond. Received B.S. Degree in Architecture from North Carolina State College, and an M.S. Degree in Education from University of Michigan. Since that time most of his working experience has been with the School Board, City of Richmond, allowing for two tours of duty with the U. S. Marine Corps. In

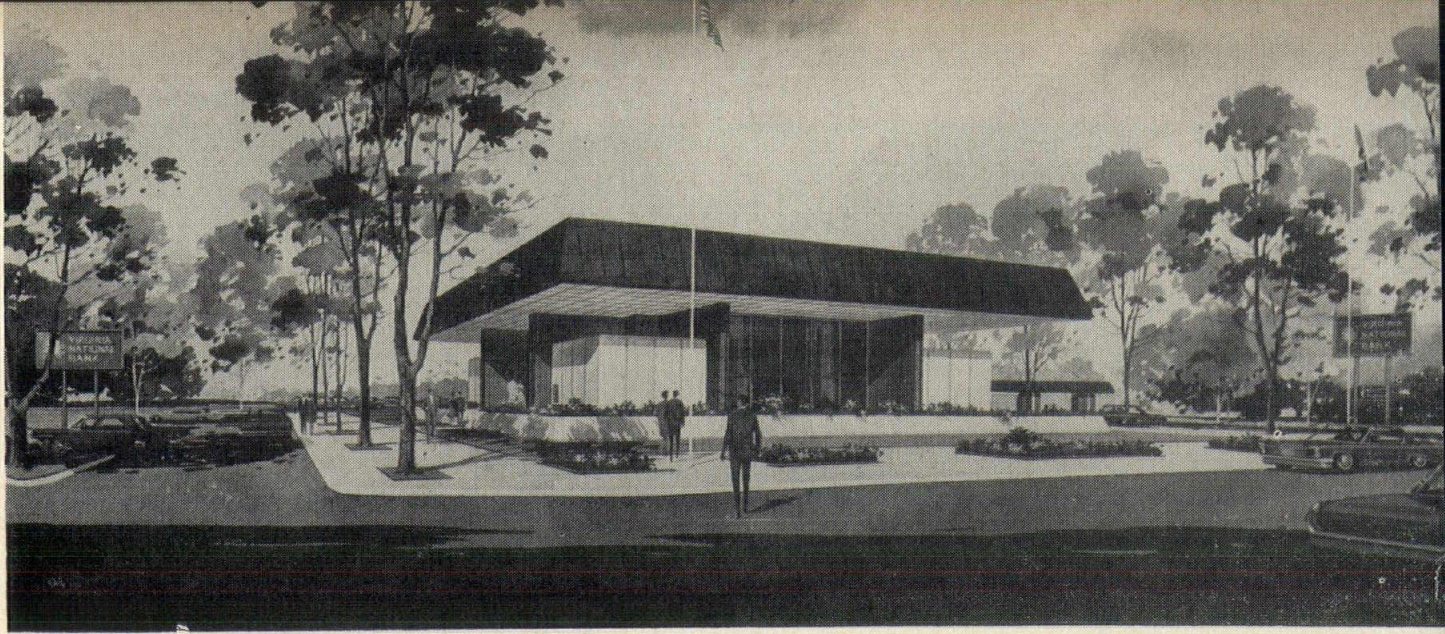
1962 became Assistant Professor of Engineering Technology at R. P. I., Richmond. (No photo available.)

**THOMAS EARL PARRISH**  
 Born October 12, 1923 in Portsmouth. Attended Woodrow Wilson High School, Portsmouth, graduated from Fork Union Military Academy in 1942. Attended North Carolina State College, Raleigh; graduated from University of Virginia with B.S. Degree in Architecture in 1955. Upon graduation went to work for Solite Corporation until 1962 when he joined the firm of Hankins & Johann, Richmond. In June of 1964 decided to return to architecture, and is presently employed by J. Henley Walker, Jr., Architect, Richmond. (Continued on page 33)



Parrish





# New Branch for Virginia National Bank, Chesapeake

OLIVER & SMITH, AIA  
Architects

Structural Engineers  
FRAIOLI-BLUM-YESSELMAN

Site Engineers  
LANGLEY & McDONALD

Mechanical and Electrical Engineers  
VANSANT & GUSLER

General Contractor  
W. B. MEREDITH, II, INC.

**A** NEW BRANCH for the Virginia National Bank will sit on a podium three and a half feet high.

Now under construction on a three-acre site in the South Norfolk borough of Chesapeake, the bank is further distinguished by a "see-through" effect—four tinted glass walls will permit passersby to see completely through the lobby and out the other side.

Designed by Oliver & Smith, AIA, of Norfolk, the new building is expected to be completed by late summer.

"We tried to let the architects have as much freedom as they wanted and stay within the area of acceptable designs," said Albert B. Gornto, Jr., Virginia National Bank cashier.

With this commission, the designers came up with a plan for a structure with a massive roof balanced on the podium. Between the bold top and bold bottom appear light, airy work areas.

The building measures 93 feet by 105 feet and its floor plan is that of a thick cross. Where the arms meet is the lobby with an 18 foot high ceiling. Four smaller rooms, located between the arms of the cross have eight-foot high ceilings.

One of these rooms is for the vault, another for the board room and a third for storage with night deposit and telephone equipment. The fourth is a split-

level affair with rest rooms, lounge, closet and room for janitorial needs.

From the exterior of the building, these four rooms appear to be tucked under the main roof which overhangs them 12 feet. The roof overhang at the lobby is 20 feet.

Heating and air-conditioning units are located on the roof which is eight feet thick.

The building is being constructed of glazed face brick, tinted Virginia National Bank blue, and cast stone. Fascia of the big roof will be either copper or another weathering metal. Flat portion of the roof is built-up.

The lobby floor will be terrazzo with carpeting in the four smaller rooms.

A visitor to the lobby will find tellers on his left, safe deposit booths ahead, offices to the right and the entrance behind him.

Probably the most impressive feature of the building, apart from the huge roof and podium, is the overall height. From top to ground level the structure is 31 feet—almost as high as a three-story building.

The building is bounded by Liberty Street, Seaboard Avenue and Poindexter Street and the site, roughly triangular, was purchased from the South Norfolk Redevelopment and Housing Authority.

"We feel that this office is very good

exposure from a traffic standpoint," said Gornto.

The new facility will replace an old branch built in the 1920's on Liberty Street a short distance from the new site. The old branch must come down to make way for a highway. It is characterized by a crowded lobby and limited parking.

There will be plenty of parking at the new branch. There will also be four drive-in booths which will be separated from the main building. Three will be put into operation when completed. The fourth will be held in reserve.

Extensive use of planters in the sidewalks around the building is planned.

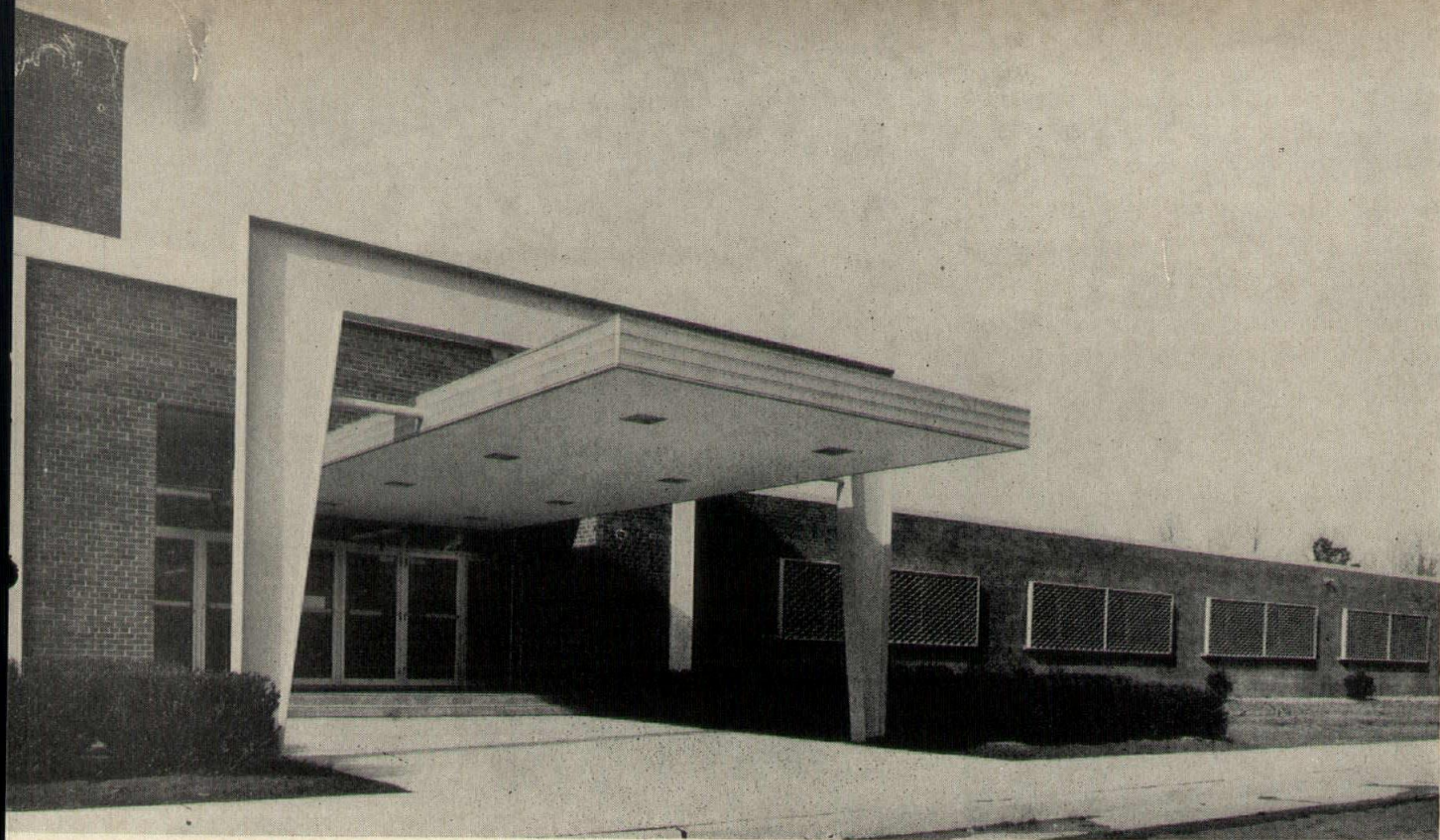
The new branch will be one of Virginia National Bank's largest and will serve a growing area of Chesapeake.

General contractor is W. B. Meredith, II, Inc., Norfolk, who is doing the job preparation, demolition work, clearing and grubbing, grading and seeding, site work, carpentry and shelving. Other subcontractors and suppliers include the following:

Reinforcing: metal doors, frames, toilet partitions, Hall-Hodges Co., Inc.; building concrete, Southern Materials Co., Inc.; masonry, Snow, Jr. & King, Inc.; structural and miscellaneous steel, joist, metal deck, Globe Iron Construction Co., Inc.; roofing and sheet metal, Eastern Roofing Corp.; paving, Birsch Construction Corp.

Also, finished hardware, Seaboard Paint & Supply Co., Inc.; glass, glazing, store front work, Pittsburgh Plate Glass Co., Inc.; ceramic tile and accessories, terrazzo, resilient floor covering, Ajax Co., Inc.; acoustic tile, insulation, Hampshire Corp.; lathe, plaster, insulation, John Brothers; millwork, Elliott Co.; painting, Shaw Paint & Wall Paper Co., Inc.; plumbing, W. B. Jones; heating, air conditioning, Baker & Company; electrical, Alston, Inc.





## CHURCHLAND JUNIOR HIGH SCHOOL

A. RAY PENTECOST, JR., AIA

Architect

FRAIOLI-BLUM-YESSELMAN  
Structural Consultants

VANSANT & GUSLER  
Mechanical & Electrical Consultants

NEAL THOMAS: Interior Decorator  
BALL & HASSELL  
Site Engineers

ROBERT R. MARQUIS, INC.  
General Contractor

The Churchland Junior High School is the third fully air conditioned school to be constructed in the City of Chesapeake. It is of compact arrangement and is somewhat of a compromise between the conventional type school and the fully windowless compact type school. All of the instructional spaces located on the outside walls have a reduced number of outside windows. All interior classroom spaces have high windows in the wall between the classroom and the corridor, and so there are no true windowless classrooms in the school plant.

The building is designed for an initial capacity in instructional spaces of 1000 pupils, with provision for a future addition. The "chassis" of the building, the auditorium, gymnasium, cafeteria and library facilities, are all oversized for the initial enrollment, in that they are designed to accommodate the future expansion. Sufficient air conditioning capacity is included to cool the future addition.

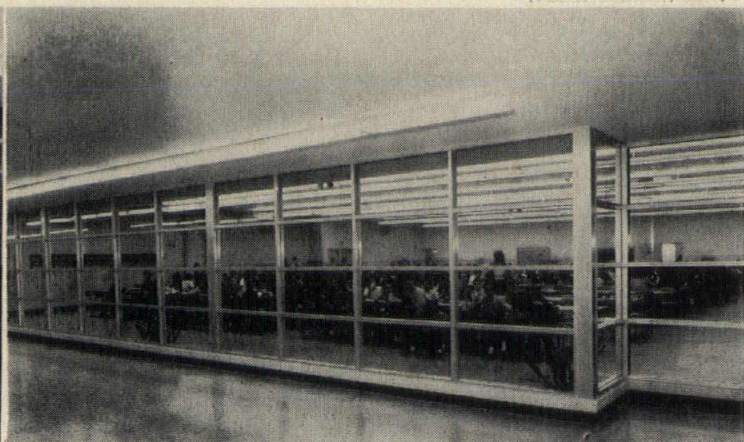
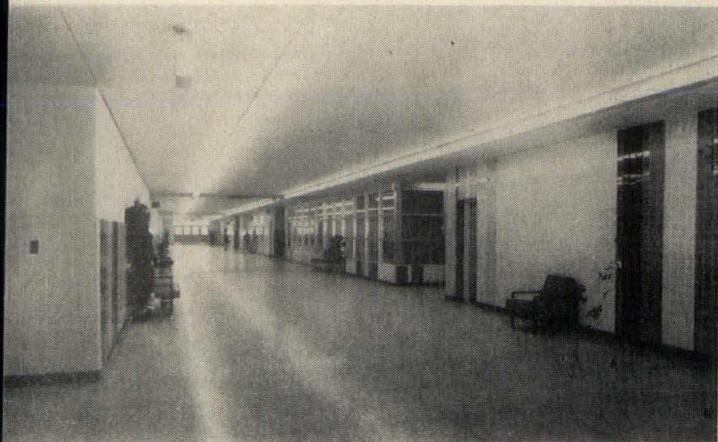
The building has 18 general classrooms, three science classrooms, three fully equipped science laboratories, an art classroom, a two-teacher home eco-

nomics suite, and two large health classrooms. The above facilities are grouped around the administration suite and library facilities, for greatest convenience.

All of the additional facilities are located on the opposite side of the main corridor from the above listed spaces. A large music suite is provided, as well as a 600 seat auditorium; a senior high school size gymnasium with dressing facilities; a spacious cafeteria with complete kitchen facilities, and a two-shop industrial arts bay with related classroom.

(Continued on page 39)

(Farris Pictures, Inc.)





# Building Boom in Telephon

ALAN McCULLOUGH: Architect  
Richmond Exchange

MERRILL C. LEE & ASSOCIATES  
Architects for Other Exchanges

• THE POPULATION EXPLOSION and the rapid growth of the suburban areas of Virginia cities is requiring the extension of streets, sewerage and water lines, establishment of new schools, shopping centers and other services including utilities to meet the needs of the public.

In maintaining pace with the growing demands for modern communications, The Chesapeake and Potomac Telephone Company of Virginia has been extending its lines into newly developed subdivisions and in many instances erecting new central offices. As a matter of record, C&P has purchased in the past five years some 72 parcels of land in many of its 138 exchanges and areas around the state.



JONESVILLE

CASELL BROS., INC.: General Contractors.



APPALACHIA—BIG STONE GAP

ROACHE, MERCER & FAISON, Mechanical Engineers • WILLIAM T. ST. CLAIR, Structural Engineer • QUESENBERRY CONSTRUCTION CO., General Contractor.

PAGE THIRTY

C&P is perhaps the state's largest industrial builder having more than 230 buildings. These structures have a total valuation of approximately \$38.6 million and land valued at another \$2½ million.

As indication of the present communications growth C&P erected 13 new buildings and made 13 building additions in 1964. Presently under construction are five new buildings as well as 15 building additions ranging from one to four stories scheduled for completion this year.

Eight microwave towers for use in conjunction with long distance service in and out of the state are expected to be constructed this year. C&P now has in service 2 microwave towers in various localities. They range in height up to 325 feet depending on the terrain over which the long distance voice waves must travel.

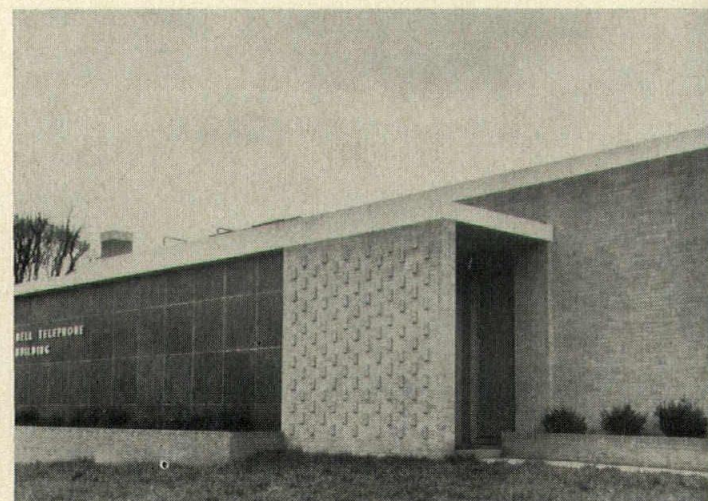
Of the 230 buildings owned by C&P, the majority of these are central offices housing switching and other equipment.

The design and basic construction of most telephone buildings are in many respects different from ordinary business buildings. They must be constructed in a manner so as to support the wide variety of communications equipment. For example central office buildings are designed to hold about 150 pounds per square foot.

There are three basic requirements in a C&P telephone building—function, economy, and attractive appearance conforming to community pattern.

The natural geology of the State of Virginia requires various foundations. In the Tidewater area, in most instances pilings are used; in Central Virginia normal spread footings and in the mountain section caissons are often required because of fissures.

In many of Virginia's large cities a multiple number of central office buildings are required to provide telephone service to the area. In the Richmond exchange, for example,



LEBANON

TRAMMELL CONSTRUCTION CO., INC.: General Contractors.

VIRGINIA RECORD

Founded 1878



# entral Offices

ere are eight central office buildings and one under construction; in the metroolitan area of Norfolk, which includes Virginia Beach, Portsmouth and Chesapeake, there are thirteen central office buildings and one under construction; other areas such as Newport News-Hampton have six central offices; Lynchburg has two and one under construction and Roanoke three and one under construction.

To meet the current demand for communications in its operating area, C&P expects to continue its widespread building program during 1965 and has scheduled some 28 new buildings and 21 building additions during the year. The southwestern portion of the state saw C&P erect five new central office buildings last year. They were built at Norton, Pennington Gap, Lebanon, Big Stone Gap, Jonesville. More than \$5½ million was spent by C&P for land, buildings, cable and central office equipment. This project brought dial and Direct Distance Dialing to customers in the area.

Subcontractors and suppliers for the Richmond Exchange included: F. G. Pruitt, Inc., excavating; Southern Materials Co., Inc., concrete; Wilfred M. Walder, Jr., masonry; Bowker Roden, Inc., steel; Liphart Steel Co., Inc., steel roof deck; N. W. Martin & Bros., Inc., roofing; Allied Glass Corp., windows, glazing; John E. Marshall Co., painting; John H. Hampshire, Inc., resilient tile; J. S. Archer Co., steel doors and bucks; Union Electric Co., Inc., lighting fixtures, electrical work; J. W. Bastian Co., plumbing fixtures, plumbing, air conditioning, heating, ventilating. Carpentry was done by the general contractor. All are Richmond firms.

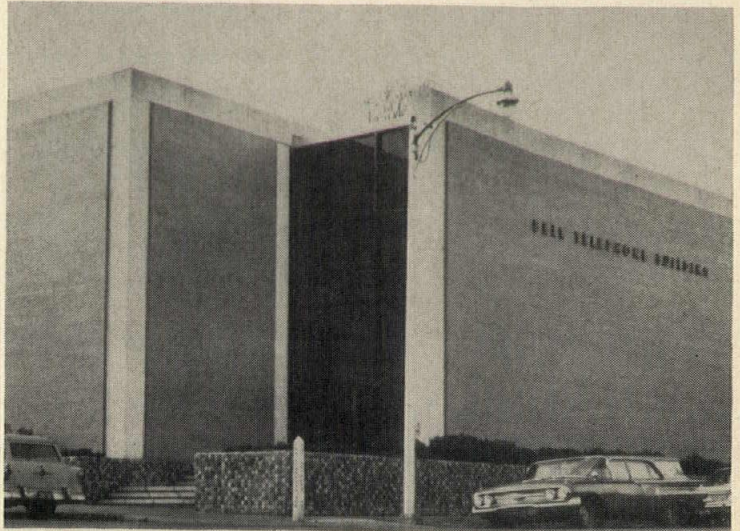
• F. A. Duke Co., Portsmouth, general contractor for the Portsmouth-Churchland Exchange, did the work on excavating, foundations, concrete and carpentry. Subcontractors and suppliers included:

*(Continued on page 44)*



**RICHMOND**

**KJELLSTROM & LEE, INC.:** General Contractors.



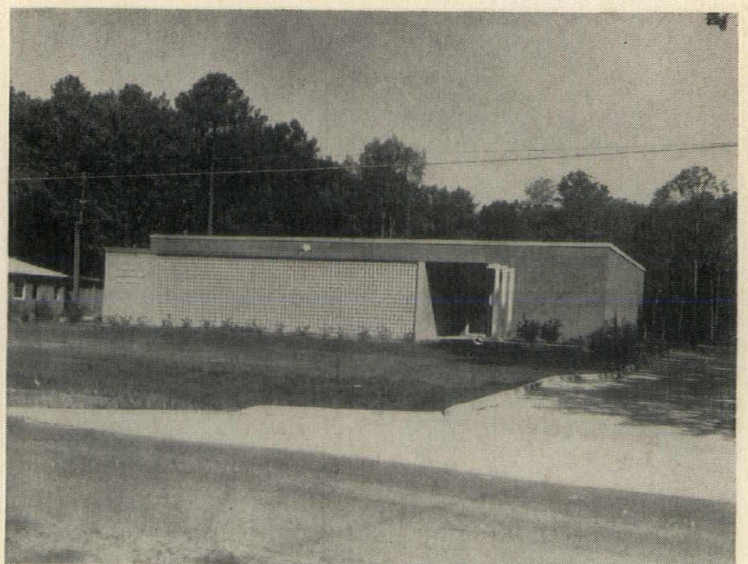
**NORTON**

**TURNER CONSTRUCTION CO.:** General Contractor



**PENNINGTON GAP**

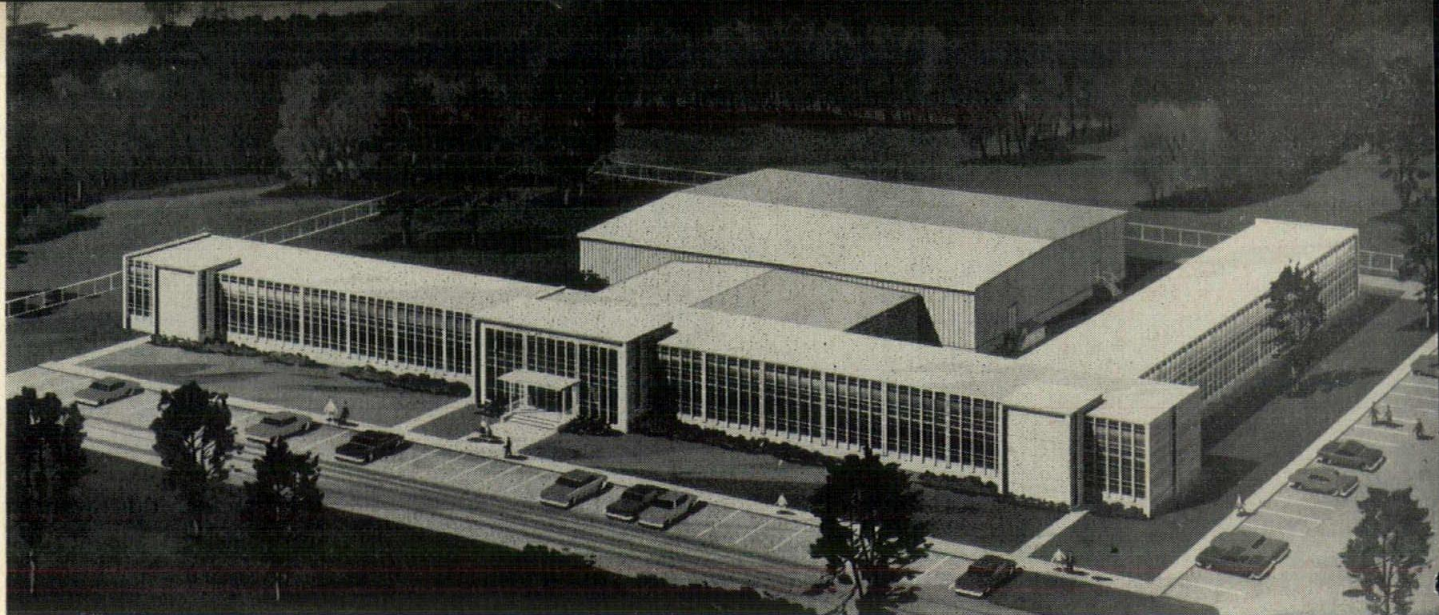
**CASSELL BROS., INC.:** General Contractors.



**PORTSMOUTH—CHURCHLAND**

**ROACHE, MERCER & FAISON:** Mechanical Consultants • **WILLIAM T. ST. CLAIR,** Structural Consultant • **F. A. DUKE CO., INC.,** General Contractor.





## COMPUTATIONS & ANALYSIS BUILDING

**JACK G. STARR**  
Project Manager/Architect

**FRAIOLI-BLUM-YESSELMAN**  
Structural Consultants

**JOHN A. HOFFMAN**  
Mechanical Consultant

**GEORGE HYMAN CONSTRUCTION CO.**  
General Contractor

• The Computation & Analysis Building, located at the Naval Weapons Laboratory, Dahlgren, Captain W. A. Hasler, Jr., Commanding Officer, was constructed under the auspices of the Navy Bureau of Yards and Docks, Area Public Works Office, Chesapeake, Captain Walter M. Enger, Officer in Charge. The Naval Weapons Laboratory Public Works Officer, Commander Douglas W. Phillips, was the Resident

Officer in Charge of Construction. In October 1964 the completed structure was dedicated in a ceremony at the building site by Virginia's Governor The Honorable Albert S. Harrison Jr.

The Naval Weapons Laboratory is the prime agency for computation and data processing in the Navy's Bureau of Weapons, with responsibilities for providing ballistic tables to the Navy's

## *Two Clark, Buhr & Nexsen Projects*

### VEHICLE ANTENNA TEST FACILITY, N.A.S.A.

**JACK G. STARR**  
Project Manager/Architect

**BORIS ROSENFELD**  
NASA Project Engineer

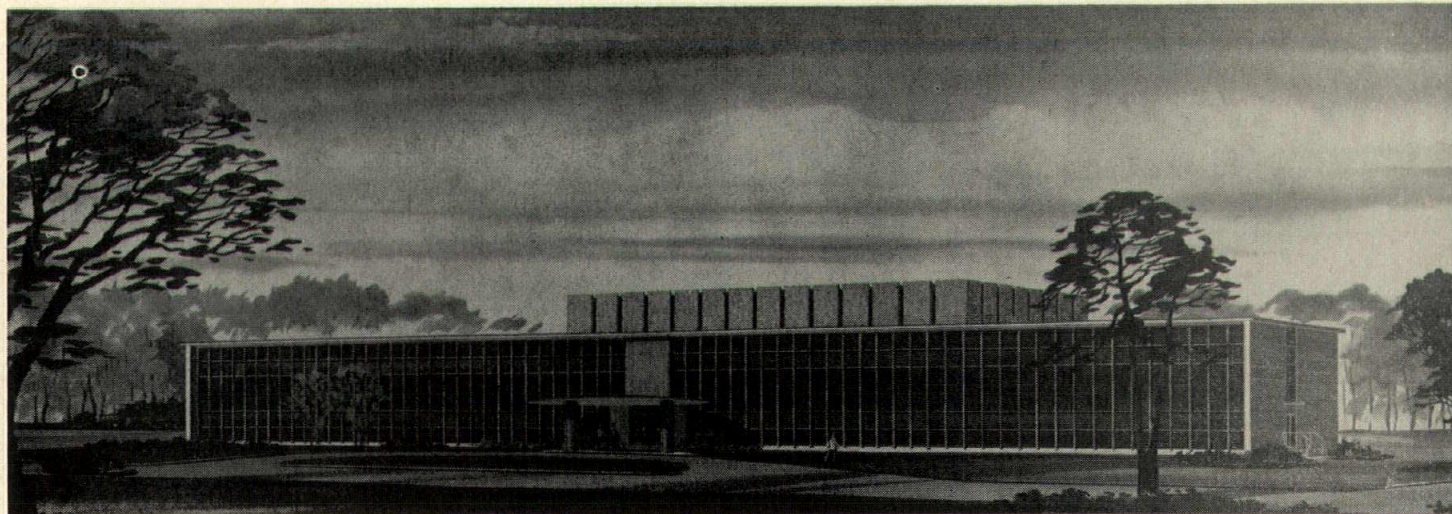
**FRAIOLI-BLUM-YESSELMAN**  
Structural Consultants

**NAT HARRISON ASSOCIATES, INC.**  
General Contractor

• The Vehicle Antenna Test Facility at the NASA's Langley Research Center will facilitate development and testing of antennae for space vehicles. Two large, high-bay, shielded anechoic test chambers are provided for high and low frequency antenna research. Also, space is provided in the facility for scientific, engineering and administrative offices, electronic laboratories, shielded research laboratories, micro-

wave laboratories and antenna assembly and machine shops. A 48-inch diameter underground vacuum sight tube approximately 400 feet long, terminated with dark room laboratories, will be used for research in light beam transmission.

The design of this facility was the first of a new complex of buildings planned for the Langley Research Center. The theme to convey the research





## Clark, Buhr & Nexsen, Architects & Engineers:

### COMPUTATIONS AND ANALYSIS BUILDING

et. Other scientific programs connected with weapons research in many areas are also planned and executed. The growth of these programs, and others, created the requirement for offices, laboratories, and computer space that are included.

The building contains 68,700 square feet, including 49,700 square feet in the front two story "L" shaped technical and administrative office and laboratory area, and 19,000 square feet in the one story, clear spanned computer area. Office and laboratory space is provided for approximately 270 scientists, computer programmers, engineers and support personnel. The computer areas provide space for computers relocated from existing locations in the Station and for anticipated future equipment that will be needed to keep pace with the Navy's advancing technology.

Flexibility of operations within the contemporary, completely air-conditioned structure will allow for changes in mission status as they may occur. The computer laboratories are designed in a modular system so that each 20 by 20 foot module is completely independent of adjacent modules. Individual lighting, electric power, communications, air conditioning and humidity controls will permit relocation of the movable partitions to increase or decrease a particular space within the limits of the modular system. The clear spanned area and the elevated floor offer no structural or computer loading limitations.

Consistent with the Navy's requirements for a permanent-type facility, a program was developed using fireproofed structural steel framing on spread footings. As shown in the photograph

of the model, opposite page, light brown colored porcelain enameled insulated curtain wall panels and gray tinted, heat-absorbent glass with anodized aluminum mullions and frames were used. End walls, stair towers and entrance of buff brick and white cast-stone panels with exposed aggregate accent the contemporary facade. Floors in the office and laboratory areas are resilient tile covered concrete on closed cell steel deck which is used for power and communications distribution. Corridor, lobby and stair floors are of terrazzo. Interior office and corridor partitions are of gypsum wallboard on steel studs and ceilings are fire-rated acoustical tile. The lobby is paneled with aluminum edged, teak veneered plywood and marble.

Fluorescent lighting is used throughout the building and offices have fan coil units for individual heating and air-conditioning comfort control. The large computer areas are cooled by a high velocity dual duct system with a pneumatically controlled constant volume mixing box for each module.

George Hyman Construction Co., Washington, D. C. general contractor, did the work on excavating, foundations, masonry. Other subcontractors and suppliers included: Vernon H. Padgett, Jr., King George, concrete; Fabricators Steel Corp., Bladensburg, Md., steel; Inland Steel Products Co., Sparrows Point, Md., steel roof and floor deck; Potomac Cast Stone, Inc., Alexandria, cast stone; Max Greenwald & Sons, Inc., Tuxedo, Md., roofing, insulation; Standard Art, Marble & Tile Co., Washington, stone work, ceramic tile, terrazzo; Auto-Lok Window Corp., Miami, Fla., windows, window walls.

Others were Pittsburgh Plate Glass Co., Richmond, glazing; William Dunbar Co., Inc., Brentwood, Md., painting, plastic wall finish; Bilton Insulation & Supply, Inc., Arlington, acoustical; Kraft-Murphy Co., Inc., Arlington, plaster; Printz Floor Co., Inc., Arlington, resilient tile; Williams Enterprises, Inc., Oakton, handrails, steel grating; Mallon Millwork Co., Seat Pleasant, Md., millwork; Superior Fireproof Door & Sash Co., Scranton, Pa., steel doors and bucks; Walter C. Doe & Co., Washington, electrical work; Wm. H. Singleton Co., Inc., Springfield, plumbing (American-Standard fixtures), air conditioning, heating, ventilating; Liskey Aluminum, Inc., Glen Burnie, Md., raised floor.

### VEHICLE ANTENNA TEST FACILITY, N.A.S.A.

and space development functions of the using activity required a departure from the basic building materials used at the Center. The exterior of charcoal porcelain enameled insulated curtain wall panels with anodized aluminum mullions and trim will be accented by white face brick and walls at the office and laboratory wing. The high bay test area will be sheathed in cast-stone panels with exposed quartz aggregate.

The structure and sight tube will have a pile foundation and will be steel framed. Air-conditioning and heating provides comfort and humidity control. Fluorescent lighting complements the contemporary decor of the facility.

Nat Harrison Associates, Inc., Miami, Fla., general contractor, is doing the work on excavating, foundations, concrete, masonry, roof deck, carpentry, plastic wall finish and paneling. Subcontractors and suppliers include the following:

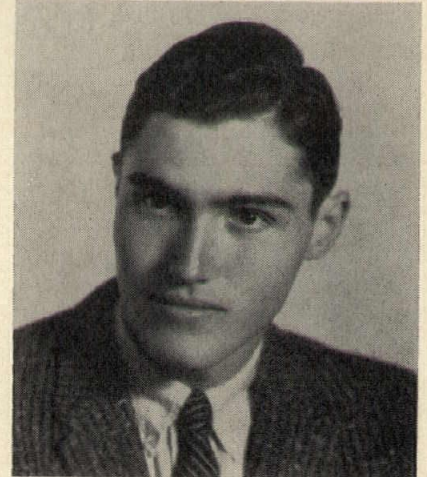
Carpenter Construction Co., Inc., Norfolk, piling; Montague-Betts Co., Inc., Richmond, steel grating, steel, handrails; Inland Steel Co., Baltimore, steel roof deck; Cast A Stone Products Co., Raleigh, N. C., cast stone; American Sheet Metal Corp., Norfolk, roofing, insulation; Walker & Laberge Co., Inc., Norfolk, windows, glazing; WindowMaster Corp., Miami, window walls; E. Caligari & Son, Inc., Newport News, painting; United Glazed Products, Inc., Baltimore, structural tile; Holbrook Contracting Co., Charlotte, N. C., waterproofing.

Others are Door Engineering, Norfolk, steel doors and bucks, weatherstripping; W. Morton Northern & Co., Inc., Richmond, resilient tile, acoustical; Hampton Roads Plastering Co., Inc., Norfolk, plaster; Ceramic Tile of Fla., Inc., Virginia Beach, ceramic tile, terrazzo; Campostella Builders & Supply Corp., Norfolk, millwork; E. C. Ernst, Inc., Hampton, lighting fixtures, electrical work; Hicks & Ingle Co. of Va., Inc., Norfolk, plumbing fixtures, plumbing, air conditioning, heating, ventilating; L. F. Chiselbrook, Norfolk, hydraulic elevators; Richmond Engineering Co., Inc., Richmond, sight tube.

## AIA NEWS (Cont'd from page 27)

### HENRY LOUIS SALOMONSKY, JR.

Born March 6, 1939 in Richmond. Graduated Thomas Jefferson High School, Richmond, in 1957 and from University of Virginia in 1962 with a Bachelor of Architecture Degree. Worked for various Richmond architectural firms during the summers, and in 1962 went to work as a draftsman for D. Warren Hardwicke and Associates, Richmond. (No photo available.)



### ROBERT DREWRY SIMPSON, JR.

Born Sept. 28, 1939 in Roanoke. Graduated Jefferson High School, Roanoke, in 1957. Attended Roanoke College for two years, transferred to University of Virginia where he received his Bachelor of Architecture Degree in 1964. Worked for Guerrant & Mounfield, Roanoke architects, during summers while in school and since June 1964 has been employed by Smithey & Boynton, Roanoke.

### WILLIAM MASON WALSH, JR.

Born July 3, 1934 in Norfolk. Graduated from Maury High School, Norfolk, in 1952. Attended Norfolk Division, College of William & Mary-V. P. I. and transferred to the University of Virginia where he received his Bachelor of Architecture Degree in June 1961. Worked for various Norfolk architectural firms while attending school. Upon graduation in 1961, went to work for Lublin, McGaughy & Associates, Norfolk, and currently working for William E. McClurg, Architect, in Virginia Beach. (No photo available.)

(Continued on page 46)

### REMEMBER:

**ARCHITECTS' SERVICES  
DON'T COST—THEY PAY!**



# Three Montgomery Schools By Eubank, Caldwell & Associates, Architects & Engineers

• In 1957 a survey committee made a very comprehensive study of the educational needs of Montgomery County which the citizens approved by the passage of a \$3 million bond issue for school construction. It was evident from the survey that the larger concentration of pupils was in the townships of Blacksburg and Christiansburg.

In order to meet this increasing pupil load, the School Board decided to build two elementary schools in Blacksburg and one in Christiansburg. The first building was the Margaret Beeks Elementary School, located in South Blacksburg on the Airport Road, which contains 22 classrooms, multi-use room, kitchen, library with conference and work room, offices, health suite, toilets and teachers' lounge. The walls of the entrance foyer are finished with colored ceramic tile with toy soldier sentinels at each pilaster, music ladder, children at play, and many other characters from fairy tales which are of special interest to the younger pupils. A wing in the rear contains ten primary rooms with individual toilets and exterior doors leading to play courts.

The exterior is comprised of sand finished face brick with porcelain enameled metal covering on the eave projections, designed to reduce the glare of sunlight in the classrooms. Floor finishes are resilient tiles for classrooms, library and multi-use room; terrazzo in corridors; ceramic tile in toilets and buff quarry tile in the kitchen area. Structural glazed units with accent colors are used as wainscoting in the corridors and multi-use room and clear glazed units cover entire walls in toilets and kitchen. Ceilings are treated with acoustical plaster except multi-use room which has acoustical fire guard tile supported on exposed grid system. Lighting throughout is fluorescent, providing 70 foot candles in all pupil occupied spaces. Heating system consists of forced hot water with fin-tube radiation and unit ventilators for multi-use room. The two boilers are equipped with automatic-feed Gough stokers with automatic ash removal. Total area is 38,000 sq. ft. constructed at a cost of \$10.72 per sq. ft.

Upon occupancy of this building, it was evident that additional space would be needed. Four additional classrooms

were constructed at the left wing at a cost of \$51,000.00.

The Gilbert Linkous Elementary School was built in North Blacksburg following the same general design and construction as the Margaret Beeks School.

The Christiansburg Primary School, containing 18 classrooms, was built on a very imposing site overlooking the town. Due to the topography, the plan for this school was elongated rather than using the L-shaped design.

The lobby walls are constructed of varied colored glazed structural units in a vertical pattern instead of mosaic tile with figures.

Before this school was completed, it was apparent that more space would be required. A wing was constructed at the rear containing five classrooms and toilets with a covered walk connection to the main building.

Each of the three schools is provided with a covered bus loading dock for the safety and convenience of the pupils. Each multi-use room has a full-size stage equipped with modern stage lighting on dimmer controls.

The total area of the Christiansburg School is 36,000 sq. ft., built at a cost of \$10.38 per sq. ft.

Frye Building Company, Roanoke, was general contractor for the Margaret Beeks Elementary School with the following subcontractors and suppliers:

From Roanoke: Roanoke Iron & Bridge Works, structural and miscellaneous steel; Cates Building Specialties, Inc., (Federal) windows; L. R. Brown, Sr. Paint Co., painting; Shields, Inc., plaster, acoustical; E. V. Poff & Son, Inc., ceramic tile, terrazzo; Charles J. Krebs Co., resilient tile; Barnes Millwork Co., millwork; Roanoke Engineering Sales, Inc., (Hufcor) folding partitions, (Coast Line) steel doors and bucks; Engleby Electric Co., Inc., electrical work; Weddle Plumbing & Heating, plumbing, air conditioning, heating, ventilating.

Others were Stanley R. Cupp, Christiansburg, excavating; Concrete Products Co., Inc., Christiansburg, ready-mix concrete; Salem Brick Co., Salem, face brick; Virginia Steel Co., Inc., Richmond, (Inland) steel roof deck; Ceco Steel Products Corp., Richmond, steel joists; J. B. Eurell Co., Richmond, gypsum roof deck; Modern School Equipment, Inc., Richmond, chalk and

bulletin boards; Industrial Decking Roofing Corp., Bristol, roofing; Salem Glass Corp., Salem, glazing; Metropolitan Brick, Inc., Canton, Ohio, structural tile; Montague-Betts Co., Inc., Lynchburg, (Corbin) finish hardware. The general contractor did the work of foundations and carpentry.

Graves Construction Co., Inc., Blacksburg, was general contractor for the Gilbert Linkous Elementary School. Subcontractors and suppliers included:

From Roanoke: Roanoke-Webster Brick Co., structural tile, face brick and masonry block; Roanoke Iron & Bridge Works, structural and miscellaneous steel, steel roof deck, steel joists; H. A. Gross, Inc., roofing; Pittsburgh Plate Glass Co., glazing; Shields, Inc., plaster; E. V. Poff & Son, Inc., ceramic tile, terrazzo; Engleby Electric Co., Inc., electrical work (Curtis lighting fixtures); Rusco Window Co., Inc., folding partitions.

Others were Blacksburg Block & Supply Co., Blacksburg, concrete; Republic Steel Corp., Richmond, window; Coe & Sons, Wytheville, painting; W. Morton Northern & Co., Inc., resilient tile, acoustical; Miller Mfg. Co., Inc., Richmond, millwork; Shenandoah Structures, Inc., Salem, steel doors and bucks; Harris Plumbing & Heating, Radford, plumbing (Kohler fixtures); air conditioning, heating, ventilating; McClung Lumber Co., Inc., Salem (Yale) finish hardware; Atlantic Mfg. & Equipment Co., Richmond, chalk boards and tackboards. The general contractor did the carpentry.

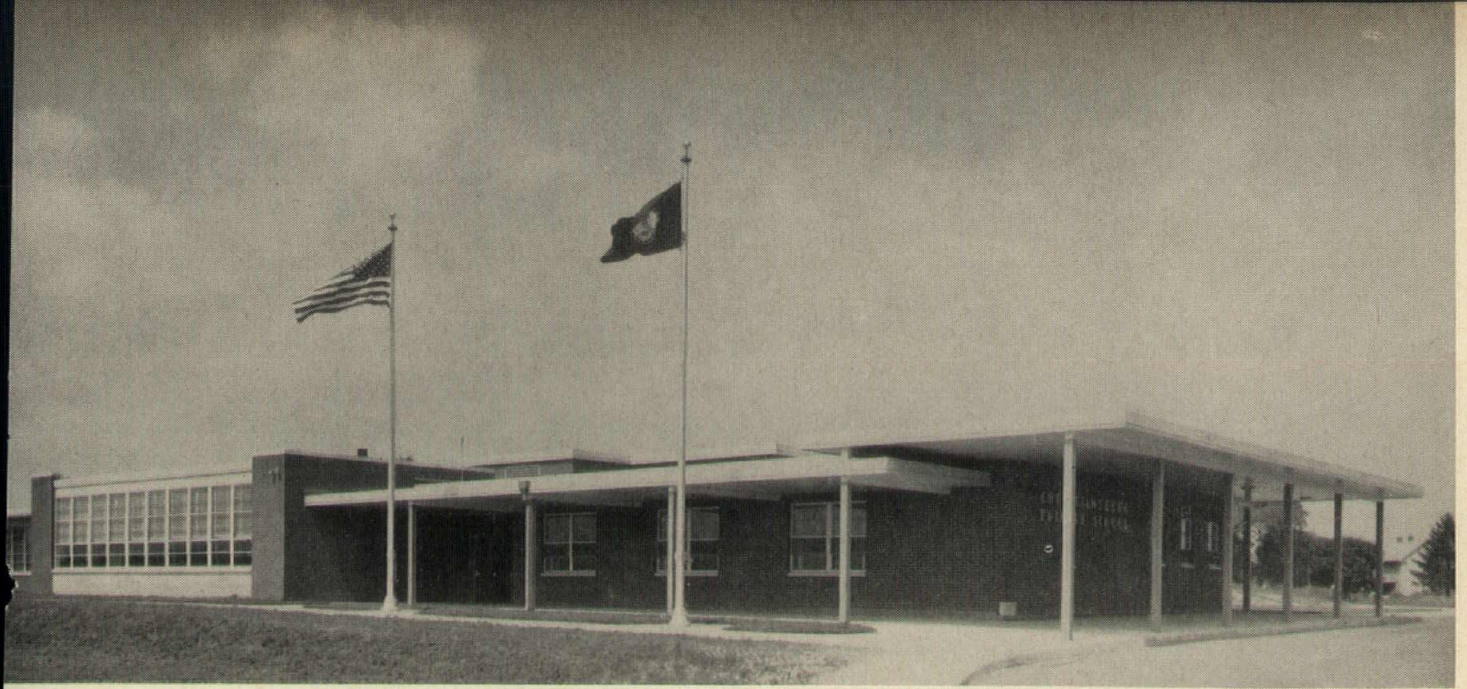
J. H. Fralin & Son, Roanoke, was general contractor for the Christiansburg Primary School. Principal subcontractors and suppliers were as follows.

From Roanoke: John W. Hancock Jr., Inc., steel joists; Billy R. Ayers & Son, Inc., plaster; Engleby Electric Co., Inc., electrical work; Valley Metal Products Corp., steel doors and bucks; Graves-Humphreys, Inc., finish hardware.

Others were Concrete Products Co., Christiansburg, ready-mix concrete; Salem Brick Co., Salem, face brick; Montague-Betts Co., Inc., Lynchburg, structural and miscellaneous steel; Inland Steel Products, Milwaukee, Wisc., steel roof deck; Leonard Smith Sheet Metal & Roofing, Inc., Salem, roofing; Republic Steel Corp., windows; Salem Glass Corp., Salem, glazing; Coe & Sons, Wytheville, painting; Charleston Clay Products Co., Charleston, W. Va., structural tile; W. Morton Northern & Co., Inc., Richmond, resilient tile, acoustical; Joe Rainero Tile Co., Bris-

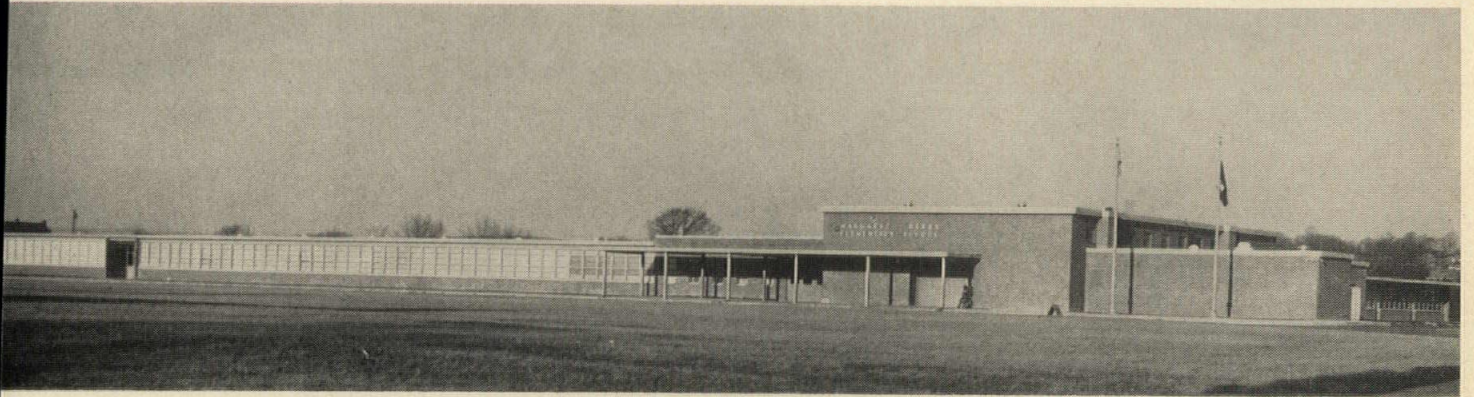
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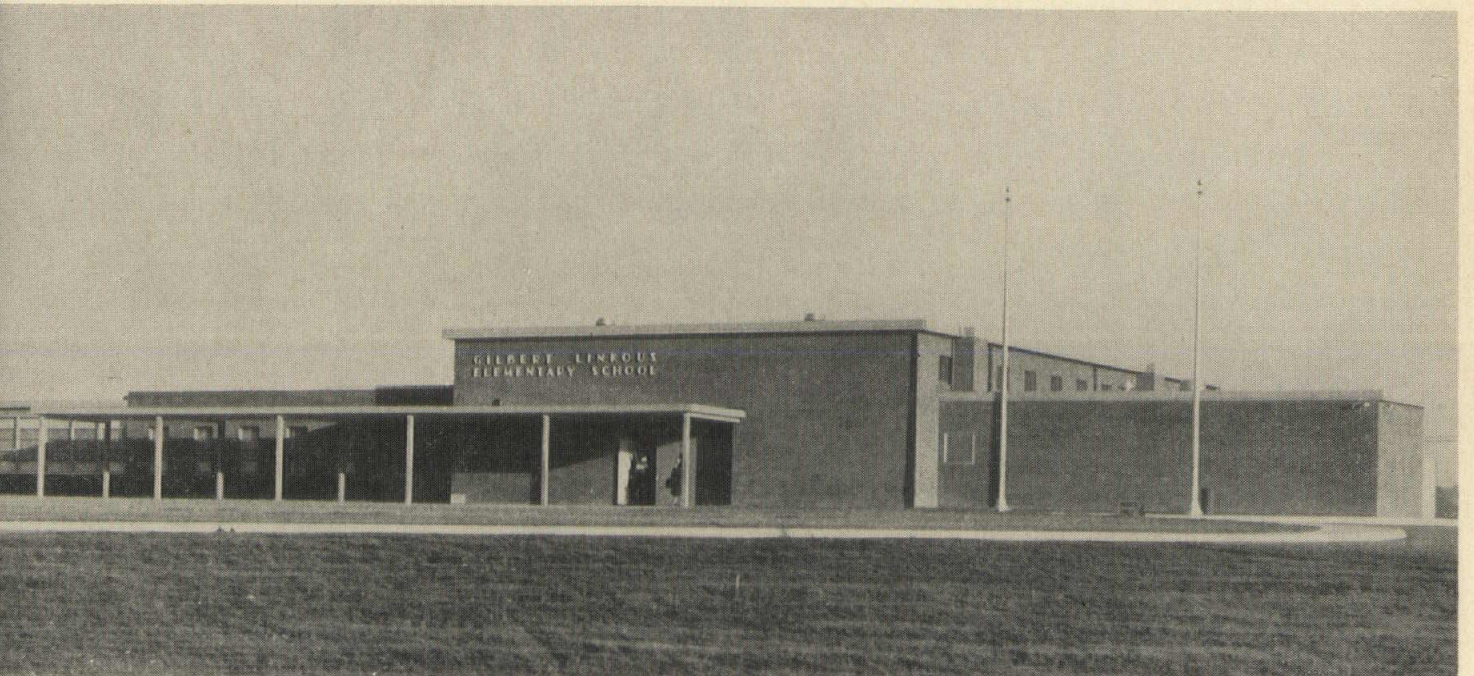
**CHRISTIANSBURG PRIMARY SCHOOL**

**J. H. FRALIN & SON**  
General Contractor



**MARGARET BEEKS ELEMENTARY SCHOOL**

**FRYE BUILDING COMPANY**  
General Contractor



**GILBERT LINKOUS ELEMENTARY SCHOOL**

**GRAVES CONSTRUCTION CO., INC.**  
General Contractor



# POMPEI TILE CO., INC.

St. Reg. 4991

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- MARBLE
- TERRAZZO

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# PRILLAMAN & PACE, INC.

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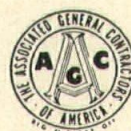
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More than an acre of modern new warehouse space plus offices has recently been completed for the Virginia Paper Company in the RF&P Railroad's booming Bryan Industrial Park just west of Richmond. Marcellus Wright and Son was the architect for the project.

The new Richmond headquarters for the company, which has other warehouses in Washington, Charlotte and Jacksonville, was constructed for slightly over \$5 per square foot.

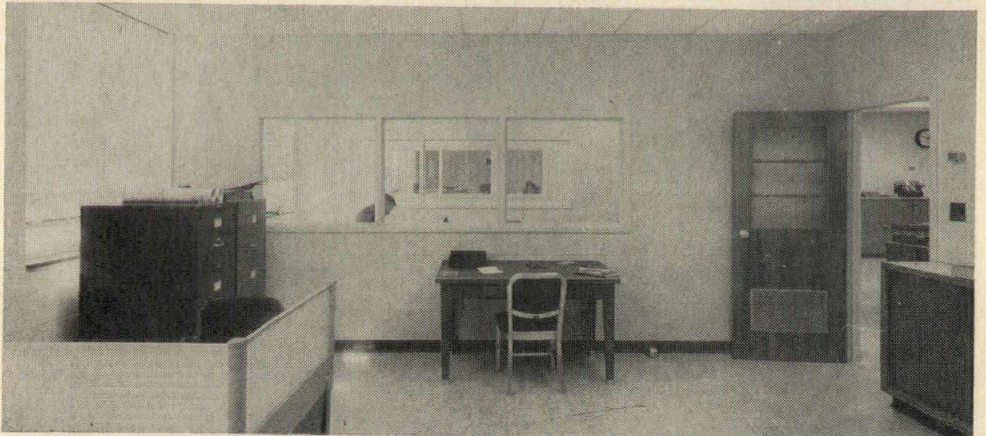
Faced in a handsome tannish-red brick with white stone accents, and blue painted trim, the building is constructed with a Tectum roof deck over steel joists and steel framing. A heavy duty concrete floor slab was treated with Lapidolith to take the constant wearing from the fork-lift trucks handling the paper without dusting. The building is completely sprinklered.

The warehouse area is lighted with plastic domes which during daylight hours reduce the electric light requirement by at least half. A 60-foot truss provides a column-free loading dock.

The office areas are divided by masonry partitions for sound control but all interconnect with large glass view panels. Acoustical ceilings further reduce noise levels. The air conditioning and heating for the office areas is divided into seven zones, permitting the ultimate in flexibility and balance as some may be under solar load while others are not.

## SUBCONTRACTORS & SUPPLIERS (All of Richmond)

Bass Construction Co., general contractor; excavating, foundations, concrete, structural wood and carpentry; Southern Brick Contractors, Inc., masonry; Montague-Betts Co., Inc., steel; J. B. Eurell Co., Tectum roof deck; R. P. Whitley Roofing Co., Inc., roofing; Economy Cast Stone Co., stone work; Ash, Door & Glass Corp., overhead doors, entrance; N. Chasen & Son, Inc., glazing; Consolidated Tile Co., resilient tile, vinyl asbestos, acoustical; General Tile & Marble Co., Inc., ceramic tile; R. A. Siewers, Inc., millwork; J. S. Archer Co., steel doors and trucks, metal toilet partitions; Morris Hunter, Inc., electrical work; Horace S. Flournoy, plumbing, air conditioning, heating, ventilating; E. S. Chappell Co., Inc., caulking; Grinnell Co., Inc., sprinkler; Paul H. Werres Co., Inc., dock ramps; Richmond Rubber Co., dock bumpers; James P. Dillard, paving.





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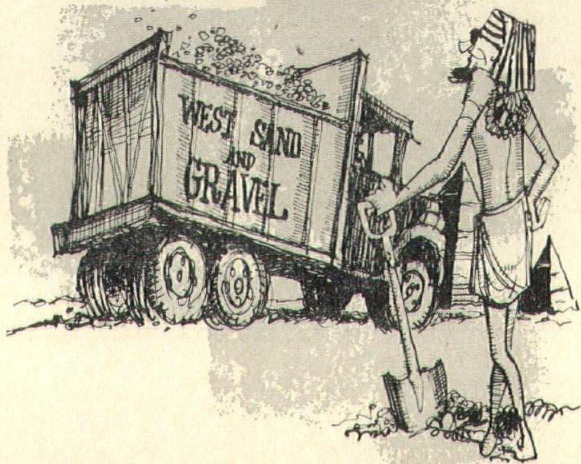
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General Contractor:

- Churchland Junior High School, page 29

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## MURCHLAND JUNIOR HIGH SCHOOL (Continued from page 29)

Travel distance from remote points to the building is kept to a minimum by the very nature of the compact building. The main corridor, which runs fore and aft and which divides the supporting facilities from the classroom wings, is quite wide and spacious so that it serves as the primary circulating element between secondary corridors. A covered bus loading platform adjoins the classroom bays so that the arriving pupils can go directly in any one of the four secondary corridors to reach their homerooms, rather than enter through one central corridor as is so often the case.

During all phases of the design work, the function of the school was considered to be most important. The administration suite and the library are located in the center of the building. All noisy spaces, such as the music suite and the shops are as remote from the classroom wings as possible. Pupil lockers are located most conveniently. The auditorium, gymnasium and cafeteria are located directly opposite the classroom wings, for convenient access.

All building finishes are designed to provide for minimum maintenance requirements. The major portion of the building has terrazzo floors, for example. All tile and paint colors, and all building equipment finishes were selected by an interior decorator consultant. The resulting color scheme is remarkably pleasing, and complements the educational environment.

### SUBCONTRACTORS & SUPPLIERS

From Portsmouth: Robert R. Marquis, Inc., general contractor, foundations, concrete and carpentry; Joshua Swain & Co., Inc., ceramic tile, terrazzo. From Virginia Beach: Welch Pile Driving Corp., piling.

From Norfolk: Snow, Jr. & King, Inc., masonry and stone work; Virginia Sheet Metal & Roofing Co.,

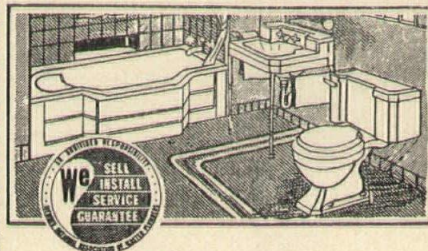
Inc., roofing; Truscon Steel Div., windows; Walker & Laberge Co., Inc., glazing; Burgess Bros. Painting Contractors, Inc., painting; Hampton Roads Insulation Co., Inc., insulation; Febré & Company of Norfolk, Inc., plaster; Ajax Co., Inc., resilient tile; Powell-McClellan Lumber Co., Inc., millwork; Virginia-Carolina Electrical Works, Inc., lighting fixtures, electrical work; W. B. Middleton, Inc., plumbing fixtures, plumbing; Baker & Company air conditioning, heating and ventilating.

From Richmond: Richmond Steel Co., Inc., steel steel grating; J. B. Eurell Co., roof deck.

Others were Brisk Waterproofing Co., Inc., Ridgefield, N. J., waterproofing; R. L. Dresser, Inc., Raleigh, N. C., acoustical, wood flooring; American Metals, Inc., New Orleans, La., steel doors and bucks.

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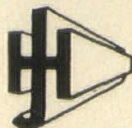
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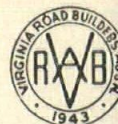
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Plumbing for the Lafayette Gallery Apartment,  
page 21





## Norfolk Blue Cross

(Continued from page 17)

On the west side of the building is a large room containing the reception desk and secretaries' work space. On the east side is work space for sales representatives whose desks are separated by room dividers.

The remaining wall space is occupied by private offices, another conference room and additional storage room.

Situated on almost an acre of land, the building offers plenty of room for parking. Another unique feature is a large L-shaped unloading and parking area, covered to protect visitors from the weather.

At one end of the L-shaped area are two storage rooms for lawn and garden equipment. At the other end is an incinerator, hidden by a brick wall, in which refuse from the building is destroyed.

The floors of the building are concrete covered with carpeting, and the ceilings are of acoustical tile through which the air is circulated.

The heating and air conditioning units are barely visible on the roof of the one-story structure.

The building is floodlighted at night.

Walter T. Gregory Construction Corp., Norfolk, the general contractor, did the work on excavating, foundations, concrete and carpentry. Subcontractors and suppliers included the following, of Norfolk unless otherwise noted:

W. T. Stowe, Inc., Portsmouth, masonry; Chesapeake Steel, Inc., steel; J. B. Eurell Co., Richmond, roof deck; Eastern Roofing Corp., roofing; Economy Cast Stone Co., Richmond, and W. T. Stowe, Inc., Portsmouth, stone work; Walker & Laberge Co., Inc., window walls, glazing.

Also, Shaw Paint & Wall Paper Co., Inc., painting, plastic wall finish; John H. Hamfire, Inc., acoustical; A. D. Stowe, Portsmouth, plaster; Ferrell Linoleum & Tile Co., Inc., ceramic and resilient tile; Burton Lum-

ber Corp., Chesapeake, millwork; Hall-Hodges Co., Inc., steel doors and bucks; Alston, Inc., lighting fixtures, electrical work; Kirk Reid Co., Inc., Virginia Beach, plumbing fixtures, plumbing, air conditioning, heating, ventilating.

## GEICO

(Continued from page 17)

the access road to busy Virginia Beach Boulevard. Ample parking is provided in front for customers.

Built for Arthur H. Gordon, of Norfolk, who leased it to GEICO, the building presents an airy look to the thousands of motorists who use the boulevard each day.

The first floor, set back from the second floor, contains the lobby and sales, service and life insurance representatives. Stairway to the second floor is just off the lobby.

The second floor contains the claims office, manager's office, clerical department, rest rooms, lounge, conference room with refreshment machines and stockroom.

To make available more space for business purposes, the heating and air conditioning units are on the roof behind a facade scarcely visible from the front or rear. Heating is by natural gas. The roof is built-up.

Moveable walls inside are covered with vinyl plastic and the concrete floors are covered with resilient tile.

Aluminum floor-to-ceiling windows extend along the entire front of the second floor.

The building was occupied November 23, 1964 by the 22 staff members of GEICO. Already landscaped, the structure is floodlighted at night.

W. B. Meredith, II, Inc., Norfolk, the general contractor, did the work on excavating, piling, foundations, concrete, carpentry and, with Seaboard Paint & Supply Co., Inc., millwork.

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

Arthur Prunier, masonry; Tidewater Steel Co., Inc., steel; Tidewater Sheet Metal & Roofing Co., Portsmouth, roofing; Withers-Clay-Utley, Inc., (Cupples Products) window walls, glazing; Burgess Brothers, painting; Febre & Co. of Norfolk, Inc., plaster, insulation; W. Morton Northern & Co., Inc., Richmond, resilient tile, acoustical.

Others were Clarence E. Swain Tile Co., Portsmouth, ceramic tile; Joe C. Hyatt Co., lighting fixtures, electrical work; E. B. Sams Co., Inc., plumbing fixtures, plumbing; Globe Electric Co., Inc., air conditioning, heating, ventilating; Overmyer & Ennis, Inc., limestone coping.

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## Public Health Center

(Continued from page 23)

Frith Construction Co., Inc., Martinsville, is general contractor with the following subcontractors and suppliers:

Clarence C. Wright, Collinsville, excavating and grading; Martinsville Iron & Steel Co., Martinsville, steel roof deck; Helms Roofing Co., Martinsville, roofing; Superior Stone Co., Danville, Martin Marietta Corp., Charlotte, C., windows; Richard L. Shoups, Martinsville, painting; Byrd Tile & Terrazzo Co., Roanoke, tile; Danville Lumber & Mfg. Co., Danville, millwork; Schlueter Electric Co., Martinsville, electrical work; Prillaman & Pate, Inc., Martinsville, plumbing air conditioning, heating. Carpentry was done by the general contractor.

## Three Montgomery Schools

(Continued from page 34)

terol, ceramic tile; Farragut Lumber Co., Knoxville, millwork; Herman Harbo, plumbing (Noland Company, Roanoke fixtures), heating, ventilating; Atlanta Mfg. & Equipment Corp., Richmond, chalkboards. Foundation work and carpentry was done by the general contractor.

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Appalachia-Big Stone Gap, page 30

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## C&P Exchange Building Boom

(Continued from page 31)

From Norfolk—Woodrow W. Ford, piling; Snow, Jr. King, Inc., stone work, structural tile, masonry; Barnum Iron Works, steel, miscellaneous and fire damp grilles; Roof Engineering Corp., waterproofing, roofing a sheet metal; Hall-Hodges Co., Inc., windows, steel doors and bucks; Binswanger Glass Co., glazing; E. Caligaris Son, Inc., painting; Ferrell Linoleum & Tile Co., Inc., ceramic tile; Cox-Frank Corp., air conditioning, heating, ventilating; Seaboard Paint & Supply Co., Inc., hardware.

From Chesapeake: Southport Electric Co., lighting fixtures, electrical work; System Construction Co., plumbing fixtures, plumbing.

• Subcontractors and suppliers for the Appalachia-Big Stone Gap Exchange included the following:

From Big Stone Gap: A. K. Fraley, excavating; W. Concrete Corp., concrete; J. F. Pleasant, masonry; Quesenberry Construction Co., general contractor, carpentry.

From Pennington Gap: Rogers Home Decorators, resilient tile; Johnston Electric, electrical work.

Others were Engineered Construction Materials Co. Knoxville, Tenn., Steel; N. W. Martin & Bros., Inc., Charlottesville, roof deck, roofing, waterproofing, insulation; Economy Cast Stone Co., Richmond, stone work; Century Glass Co. of Va., Bristol, glazing; Nicely-Beeler-Church Co. Johnson City, Tenn., painting; East Tennessee Tile & Marble, Inc., Johnson City, ceramic tile; Harry H. Roberts, Inc., Roanoke, structural tile; Shenandoah Structures, Inc., Salem, steel doors and bucks; Daniels Plumbing & Heating Co. Norton, plumbing fixtures, plumbing, air conditioning, heating, ventilating.

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Concrete suppliers for Gilbert Linkous Elementary School, page 34



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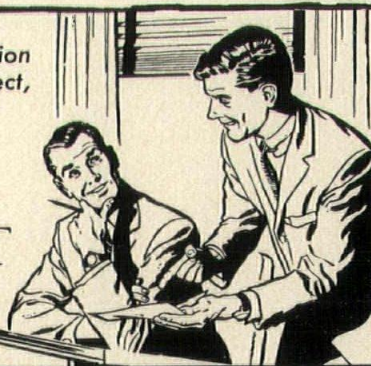


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## AIA NEWS

*(Continued from page 33)*

• The office of Civil Defense invites fallout shelter analysts to participate in further professional development, enrolling in a **Protective Construction Course for Architects and Engineers**. This is a 15-week course taught in cities listed below, by university professors specially trained by the Department of Defense. No tuition is charged, and all text and reference materials are furnished.

The Protective Construction course is designed to acquaint architects and engineers already qualified in Fallout Shelter Analysis with protective construction design. It will be concerned primarily with structural dynamics and response of a structure to nuclear detonation. Studies of single degree of freedom systems, together with plastic and ultimate design principles, will emphasize design methodologies required in protective construction. Above and below ground structures will be studied by design examples. Integrated design incorporating both blast resistance and shielding from residual radiation will be covered.

To qualify, an applicant must have attended an Office of Civil Defense sponsored Fallout Shelter Analysis course. He should also have a background in plastic design, ultimate design and structural dynamics.

To enroll, send a request for application forms to: Director, Training and Education, Office of Civil Defense, Region Two, Olney, Maryland 20831.

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ase furnish full information, including the course location you desire. Use the cities listed.

Protective Construction Course: Location and Dates are as follows:

District of Columbia, Wednesday morning, March 3.

Maryland: Baltimore, Monday evening, March 1.

Ohio: Cleveland, Saturday morning, March 6; Cincinnati, Saturday morning, March 6.

Pennsylvania: Harrisburg, Tuesday morning, March 2; Pittsburgh, Wednesday evening, March 3; Philadelphia, Saturday morning, March 6.

Strong support for President Johnson's proposals to "improve the quality of American Life" was voiced by the president of The American Institute of Architects.

Arthur Gould Odell, Jr., FAIA, offered the support and services of the architects to such programs as those which would control and prevent urban and suburban blight, create new parks and landscaping and deal with water and air pollution.

Odell's message, a telegram read to President Johnson after the State of the Union address, said that the President's remarks "indicating primary concern with the quality of American life are wholeheartedly endorsed by the architects of the United States.

"Your comments provide inspiration and impetus to plans of The American Institute of Architects for its nationwide Campaign, 'War on Community Ugliness: A Great Environment for a Great Society.'"

The AIA campaign, in which 155 member chapters will participate, will be launched formally in June during the annual AIA convention and XI American Congress of Architects, meeting jointly in the nation's capital. Several hundred Latin American architects will attend.

## POLITICS MIXED UP IN ALLEN STORY

By WALLACE PHILLIPS (*Reprinted from WEST VIRGINIA HILLBILLY*)

I have been reading the "Hillsville" and "Allen Stories" in the Hillbilly.

If you have any inquiries for further information on the episodes you can refer your readers to the December 1964 issue of the Virginia Record (P. O. Drawer 2-Y, Richmond, Va. 23205), Volume LXXXVI, Number Twelve. Fifty cents if available at Newstands—but I believe if you write for a copy to the Editorial Offices, you may get one.

"Gentlemen, I ain't agoing"—a poem by S. S. Hurt, who was deputy in charge of the Main doors to the courtroom, having been placed there by Judge Waller R. Staples, is in there too. Sam Hurt claims unbiased in presentation of his poem; however, as I read it I couldn't help but feel that he was at least a little biased. The poem is about ten pages interspersed with reproductions of contemporary applicable photographs.

Now, I liked the prose presentation by Louise Jones Du Bose as I think the whole matter was much better treated and explained than in Hurt's poem. It explains the way the people in that area thought and conducted their lives at that time. Their rugged individualism and independent and conservative way of life and their ideas as to their rights and how they should be treated.

The conduct in office of persons of one political thought towards the individual citizen of the opposite political persuasion.

Du Bose' "The Fatal Doom of The Allens of Carroll County" is more than a story of the shooting up a courthouse. It is an enlightening philosophical presentation of a way of life and the reason and causes of this way of life. I think a lot of politicians, law enforcement officers, and judicial authorities should read it.

There was an unnecessary amount of stupidity exhibited by the law enforcement officers, the Clerk of Court, the prosecuting attorney, and the judge, that brought on the shooting. They tried to use brute force against political adversaries who were very sensitive to such treatment and were willing to stand up and fight for what they thought were their God given rights and were not going to be publicly humiliated without resistance. They could have used a little finesse and gotten better results all the way around. But they had to make a show of the matter and gain political stature for forthcoming elections—and destroyed everything.

Note: Mr. Phillips resides in Middleburg, Virginia, where he is in the insurance business.

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## Psychiatrist . . . (from page 5)

believing their gladiatorial status in the entertainment industry, but he regarded this as only a passing thing. Television would kill off professional football by overexposure, and probably go on to flea circuses, recruiting entertainers from non-educational backgrounds.

This should imply no cynicism on the part of my friend. It was a realistic acceptance of the way the world is, as seen from a vantage of nearly 40 years in the field of higher education. He holds the deepest respect and concern for scholars, to whose benefits he has made considerable contributions; and he shows the enthusiasm of the young in any promising student who is motivated toward scholarship in any field. His experience has shown him that, as in the American public is concerned, scholarship must largely be its own reward—regardless of the contributions individual scholars might make.

Looking over all trends in government during the era embraced by the New Deal, Fair Deal, New Frontier, and now The Great Society, nothing is found to contradict his opinion. The current emphasis, national and state, on technical training to fit "drop-outs" and post-high school students for jobs in the new fields of automation, is purely the development of mechan-

ical skills and bears no relationship to educating individuals for an understanding of themselves and their society. Indeed, the emphasis on skills—as the rewards given entertainers who provide opiates for the public—further separates individuals from even a desire for that self-confrontation through which they aspire to some understanding of the evolutionary stage of mankind in which they now are participating. Forced to agree with my friend, however, I could not regard the drift with his cheerful humor about "the way of the world."

Paul Goodman, writing in the *New York Review of Books* on the student riot at the University of California, expressed my own sense of unease after making a first-hand study. He wrote that the students protested because the University had become "a factory to process professional licenses and apprentices for technological corporations. . . ." Going from Berkeley to college education in the United States, Goodman said that "students—middle-class youth—are the majority exploited class. . . . The labor of intelligent youth is needed and they are accordingly subjected to tight scheduling, speedup, and other factory methods. . . . There are strong American influences to prevent student maturation and independence. First, the frantic career-drive, spurred by the anxiety of middle-class parents, leading to conformism, and willingness

to submit to scheduled mis-education, credits, and grading, in order to get a diploma quick. . . ."

About the same time Goodman presented his picture of the dearth of spiritual life in the great physical expansion in college plants, President Johnson reported his program for The Great Society—or, as some said, "blueprint for Utopia." In the President's Utopia, the government (by way of taxation) was to become The Great Giver and its citizens, without effort on their part, would have provided for them material security and material comfort—or, total material well-being. President Johnson is said to be an extremely astute politician; he is also said to be an ambitious man, who would like to be remembered as a great president, the president who gave the nation its Great Society. Assuming that he is a most shrewd politician, then we could assume he would recognize what the country wanted, and he would hence become a great president by giving the country what the people wanted. Then, what he thinks the country wants is a soul-less society in which the individual disappears, along with the historic struggle for the personally won dignity of the individual.

Only 15 years ago, when the Western World recoiled in fear of nuclear warfare, Lecomte du Nouy described this Utopia in expressing his apprehension over "a period of regression for true civilization." In his great book, *Human Destiny*, the Nobel Prize winning scientist wrote that "legitimate hopes" for the advance of civilization would "depend on the individual development of man's conscience . . . on the comprehension of human dignity. For want of concentrating his efforts on the true problem, the internal prob-

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lem, man will scatter his strength in vain endeavors which will end by restricting the liberty through the creation of collective entities whose artificial personality will smother the individual." Within 15 years, the specter du Nouy feared as a possibility has come regarded as a *Utopia!*

This is what he wrote: "Ambition . . . will be . . . restricted to security . . . Men . . . have rediscovered fears of their pre-historic ancestors, and the need to aggregate, the spirit of herd, the elementary instinct of the horde may reappear in the masses. The subjugation of man to things, the disindividualization of man, his submission to soulless social or political machines, in which he will seek refuge in the vain hope of material protection will lead to his exploitation by unscrupulous leaders. . . ."

Not regarding this prophetic warning as representing a Great Society, du Nouy wrote, "No outside protection will be sufficient if the enemy cowering at the bottom of our hearts is authorized to live."

But the enemy within our hearts has taken permanent residence. By refusing to face this enemy within, the masses of du Nouy's words need the solace of escape—as in the endless flow of entertainment, as represented by the novel, the gladiators, as in any opiate which prevents man from facing what is inside himself. This refusal to confront himself as an individual has led, of course, to the often mentioned "self-estrangement" of the individual, the sense of loneliness and isolation that protects itself in crowds where crowd voices drown out the inner whisper.

Now, that this way of the world is not only accepted but regarded by our Leaders in Washington as paradise on earth, to make The Great Society complete the people must be promised a psychiatrist on every block." As such slogans as "a chicken in every pot" and "two cars in every garage" are matters to be taken for granted, along with diplomas for every youth who serves his time and gets his credits, naturally it is assumed that the neighborhood psychiatrist will be provided by the Great Giver. Needless to say, a television set will be placed in every waiting-room so the patients' serial fantasies need not be interrupted while waiting for the Medicare prescription for Instant Happiness. Considering what has happened in 15 years, THIS is nearer than you think.

*Clifford Dawley*



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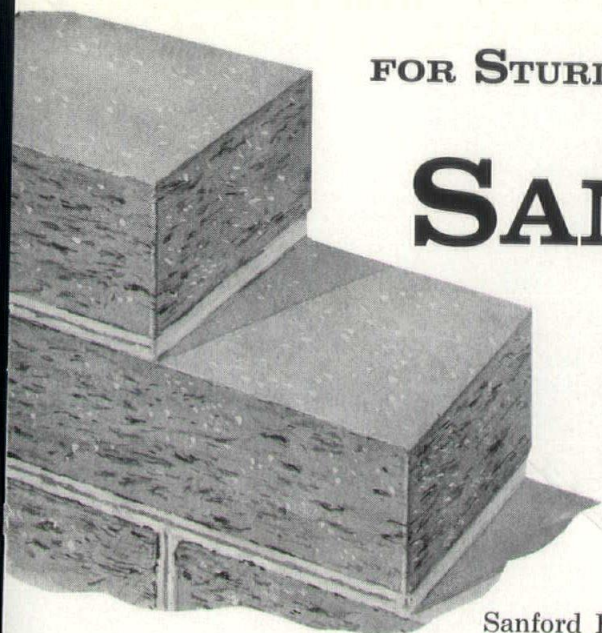
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