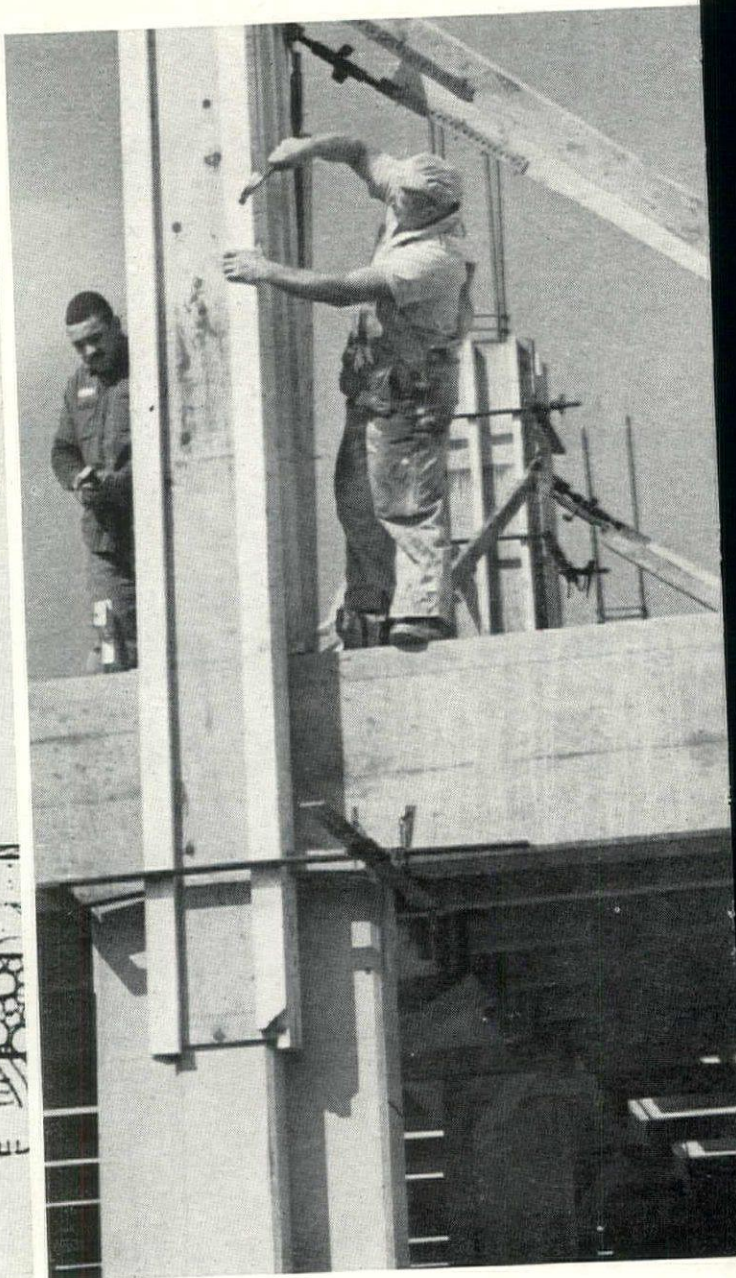
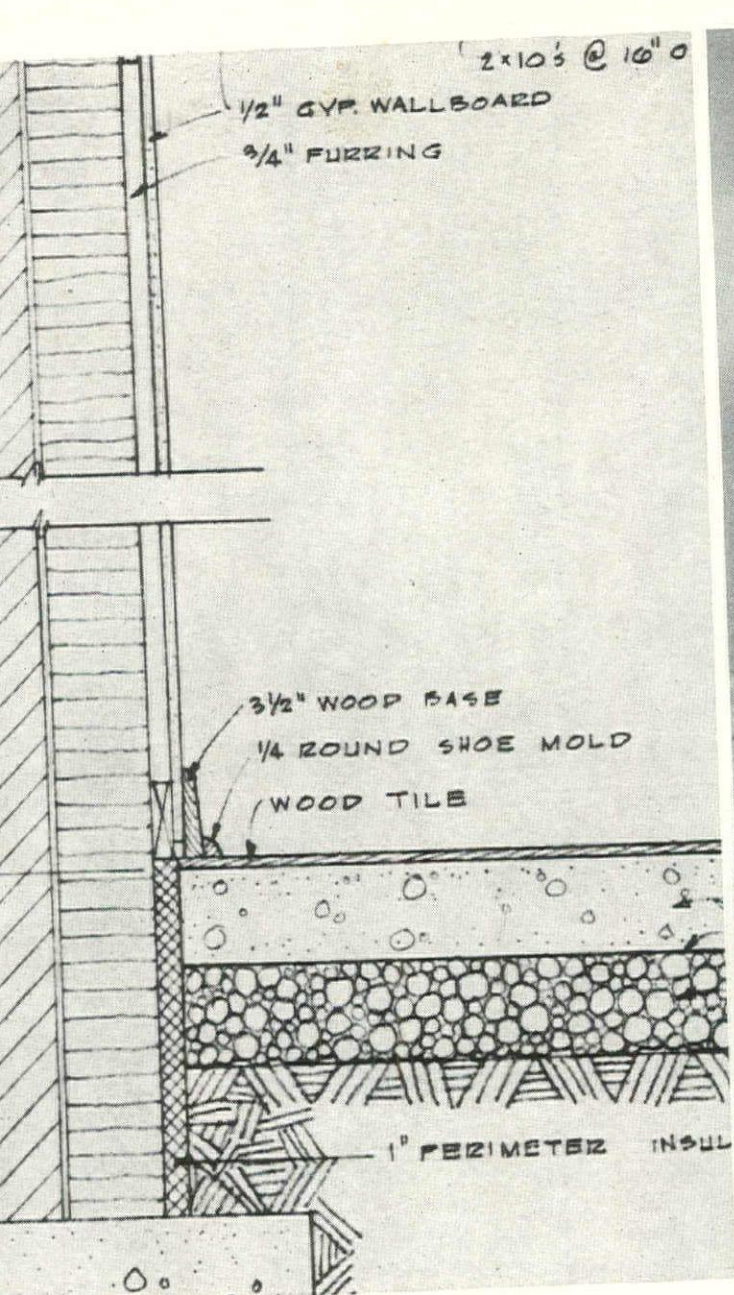


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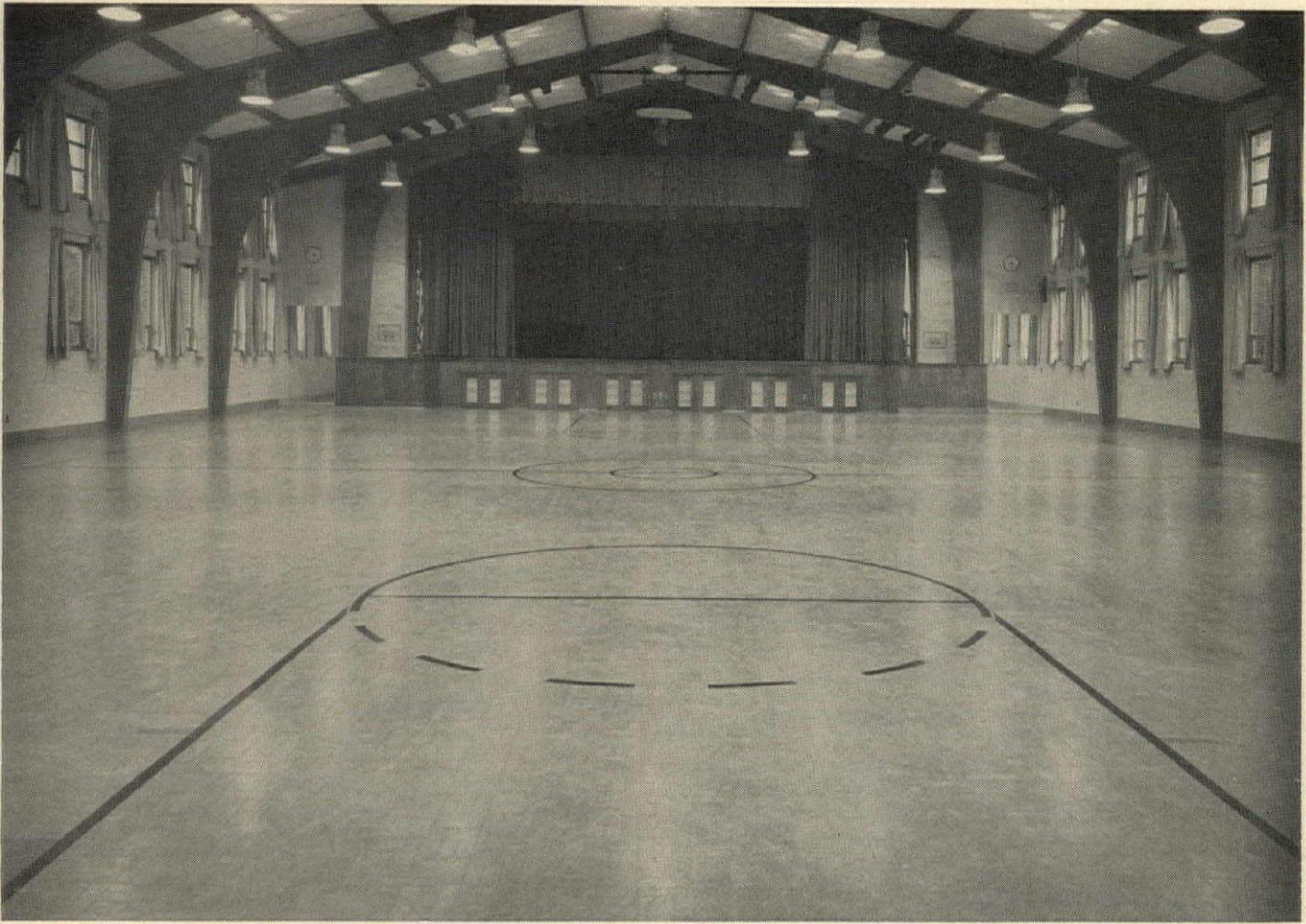
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VOLUME LXXXVI

NOVEMBER 1964

NUMBER ELEVEN

"Anybody Can Play"

THERE USED TO BE A SAYING THAT "Doctors bury their mistakes."

Unfortunately, this has never been true for writers, painter, sculptors and, least of all, architects. Indeed, all too frequently their mistakes outlive them. But then it is not the perpetrators of grotesqueries who suffer: it is the architects' profession. What will the next generation think of the profession that littered a landscape with glassboxes interspersed with General Grant Gothic and Neo-Nondescript? Will the city planner of this new generation feel that he should trust the design of communities to a profession that knows no better than to do this to cities that once held a distinct, unifying character?

Now, the architect is aware that he *does* know better; he is also aware that he does nothing with his knowledge. He has abdicated self-criticism of his profession.

Among physicians, there is a current tendency to protect at least friends from the incompetent. Even though the official line still seems designed to cloak the medical profession in a sanctity that protects its own rather than the suffering, privately individual doctors will admit—what might be called—"the limitations" of certain colleagues, and direct a patient to one known to be highly qualified by skills, training and attitude.

It is probably unlikely that today a physician would be encouraged to repeat the course of the 18th Century oculist, Chevalier John Taylor. When the composer Bach was suffering from failing sight, this Englishman—then practicing in Germany—performed an eye operation that resulted in total blindness. Shortly thereafter Handel, when his sight was failing, was recommended to the same surgeon and the same thing happened: he went blind.

Since those days, the public has to some extent forced the medical profession to place the welfare of patients over colleagues' reputations. People know more about themselves and, though frequently they don't know as much as they think they do—indeed, they might be guided by some awesome misinformation—they have lost the unquestioning faith of the past. They demand.

It is possible that if the costs of getting well go much higher, socialized medicine will be the inevitable result and then it is conceivable, though improbable, that when non-medical officials regulate the fees and system of medical practice, they could extend their authority into the evaluation of physicians' competence. Here we would have a board composed of bureaucrats, whose members would probably faint in an operating room, passing judgment on the results of a surgeon's removal of a malignant tumor from a gall-bladder. This is scarcely more ridiculous than the profession of architecture putting itself in a position where persons, who could not even read a blueprint, feel qualified to pass public judgment on professional performance.

Under any circumstances, architects begin under the handicap in "design" of working in a field which almost everyone regards as "a matter of taste." Since the creative aspects of the architect are involved with the business-industrial aspects, often compromises become necessary in architectural preferences. If the name, or prestige, is big enough, the architectural firm would be deferred to, but not because the client believed in the quality of the de- (Continued on page 83)

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THE COVER shows the Grace Medical Village in Richmond's rapidly expanding west end. Designed by Edward F. Sinnott & Son, AIA, Richmond architects, the basic concept of a village compound plan has been carried through to afford each tenant his own building, if desired. See cover story on page 15.

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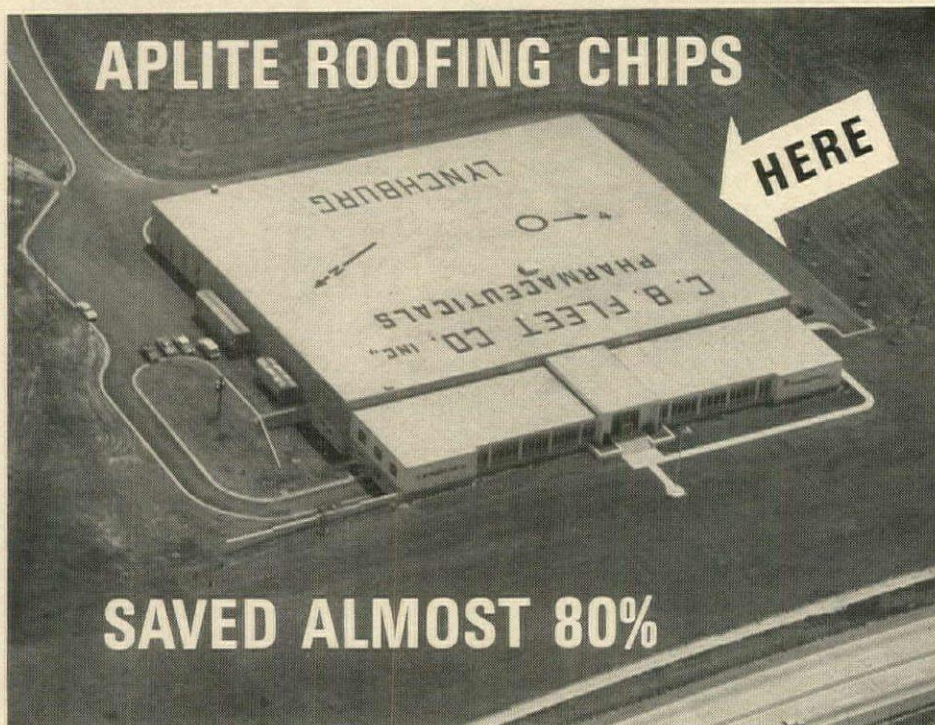
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NEWS

AIA VIRGINIA CHAPTER

• On September 17, 1914, five Virginia architects gathered at the Jefferson Hotel in Richmond for the purpose of forming the Virginia Chapter of the American Institute of Architects.

The meeting was set for 12 o'clock but did not begin until 12:30 as the train carrying the two representatives from Norfolk, Clarence A. Neff and Benjamin F. Mitchell, was late.

From Fredericksburg there were two architects, Philip N. Stern and Frank C. Baldwin. The fifth member of the group, William C. Noland, was from Richmond.

The group prepared the articles of incorporation for the Chapter which were reviewed and put in final form on November 16. It is this date that is considered the anniversary of the Chapter. On November 30 the certificate of incorporation was filed with the Secretary of the Commonwealth.

This is to Certify

That Whereas, Clarence A. Neff, Philip N. Stern, William C. Noland, Frank C. Baldwin, Benjamin F. Mitchell, have formed an Association in the City of Richmond, Virginia, with a Constitution in conformity with the Constitution and By-Laws of the American Institute of Architects. The Association is hereby declared to be

The Virginia Chapter

American Institute of Architects.

Washington, February 1, 1915.
R. L. Finner

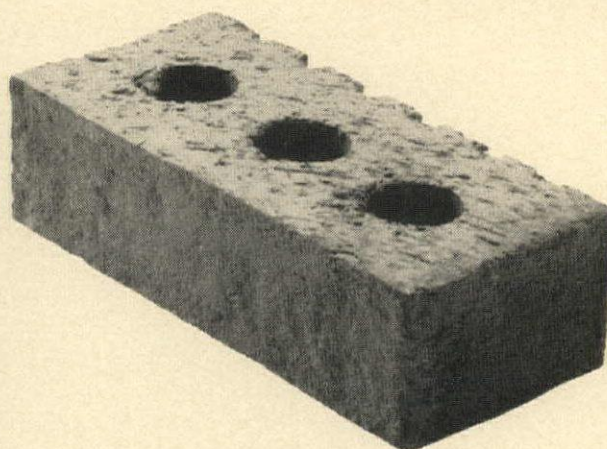
President
R. L. Finner
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On February 1 of the following year, 1915, the American Institute of Architects, then in its fifty-eighth year, issued to the Virginia Chapter the certificate shown here.

Three of the five founders became officers of the Chapter: Neff, president;

(Continued on next page)

to tell the Virginia Story



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Stern, vice-president, and Noland, secretary and treasurer. They served until 1917 (with re-election in 1916), at which time Noland became the second president and two newcomers, Eugene Bradbury and B. F. Mitchell, assumed the other offices.

The founders remained active in the Chapter for years, Noland serving last as vice-president in 1925 and Stern as president in 1933.

On November 13, 1964, the Virginia Chapter will commemorate the fiftieth anniversary of their founding with a meeting at the Jefferson Hotel.

During the afternoon a program, dedicated to looking ahead to the next 50 years of architecture in Virginia, will have as its theme "Orderly Urban Growth". Frederick A. Fay, Honorary Associate of the Virginia Chapter will preside. Panel members will include Albert M. Cole, president of the Reynolds Metals Development Corp.; Francis D. Lethbridge, president of the Washington-Metropolitan Chapter, AIA; Joseph Watterson, editor of the *Journal of the AIA*; and Stanley M. Sherman, Chief of Project Design with the District of Columbia Redevelopment Land Agency.

During the Friday evening banquet, Merrill C. Lee, FAIA, oldest member in point of service in the Chapter (1920) will preside at a commemorative exercise.

During the meeting, an Honor Awards exhibit of recent Virginia buildings will be on display. The winners will be announced during the banquet.

• Pieter Van Der Riet is a native of South Africa and attending The Polytechnic in London, England. He is one of 22 college and university exchange students from Europe who spent the summer in actual work experience in their chosen field of architecture in the United States. At the same time 22 American architectural students were having similar work experience in Europe.

Van Der Riet was sponsored by Saunders & Pearson, Alexandria architectural firm, through Virginia Polytechnic Institute. A comparable V.P.I. student spent the summer in a European architectural office.

"One thing an architect needs is visual stimulation through travel," the 32-year-old South African said in commenting on his experiences in the United States. "Travel stimulates the visual imagination and I welcomed this opportunity to rub elbows with the architectural practice in your country.

PAGE EIGHT



Above, left to right: Joseph H. Saunders, Charles A. Pearson, Jr., and Pieter Van Der Riet

Actually working in the Saunders & Pearson office and taking side trips through this and other areas has given me many long-lasting impressions. I am seeing a cross-section of architecture in the United States," he commented.

While his home has been in Brakpan, South Africa, he attended elementary schools, high school, and the University in Johannesburg. He graduated from the University with a B.A. Arts Degree in English.

He then taught in a country school in Transvalia Province for four years before deciding to follow in the footsteps of his father, Henry Van Der

Riet—a practicing architect in Brakpan.

• During the past few years the Virginia Chapter, AIA, has formed three regional Sections of its Chapter: the Tidewater, Southwest and Richmond Sections. Recently the Washington, D.C.-Metropolitan Chapter has formed a "Virginia Section" from among its members who live in northern Virginia. AIA members in certain of the northern counties of Virginia are privileged to apply for membership in either the Virginia Chapter or the Washington-Metropolitan Chapter.

(Continued on page 10)

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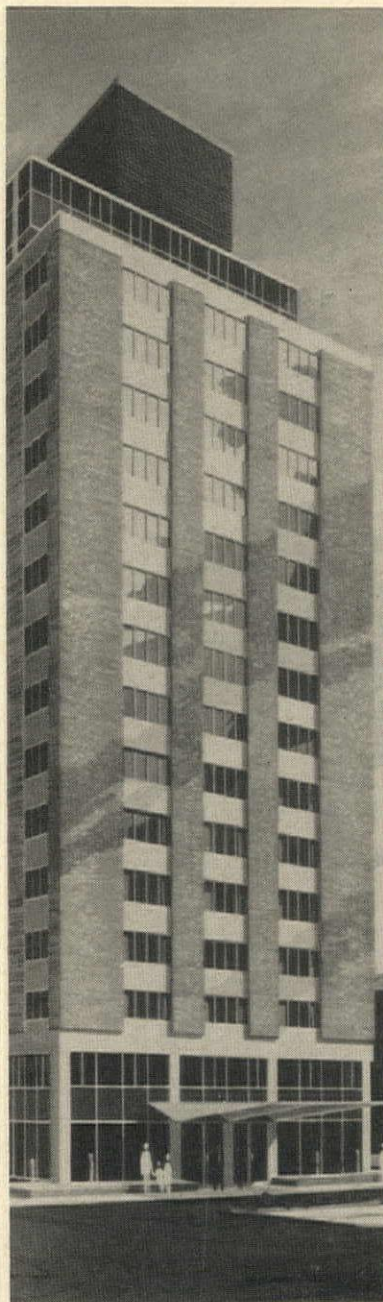
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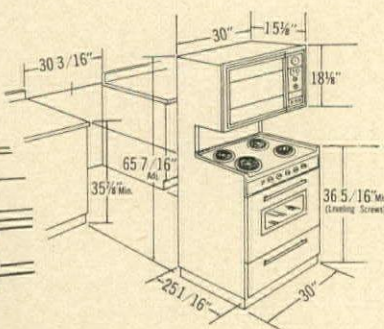
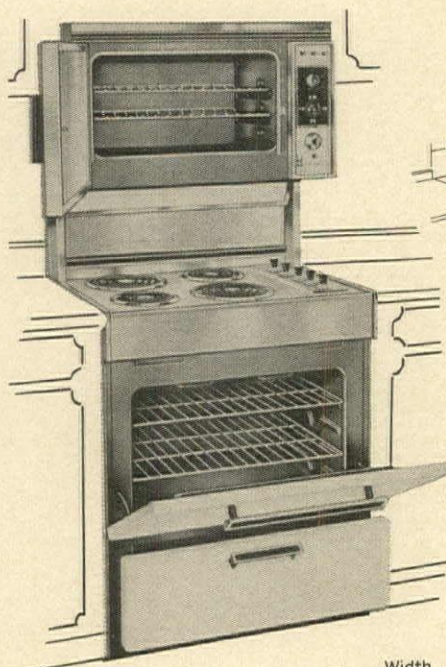
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AIA News (continued from page 8)

In the following news release from the new organization, do not confuse "Northern Virginia members of the Virginia Chapter" with "Members of the Northern Virginia Section" of that other chapter!

"Seventy members of the Virginia Section of the Washington-Metropolitan Chapter, AIA, and guests turned out, despite the downpour, for their Fall Luncheon Meeting at Evans Farm Inn in McLean on September 29.

"Glenn Saunders, vice-president, of Reston, the new planned community now under construction in Fairfax County, gave an absorbing slide-illustrated talk on 'Planning at Reston'. Many questions afterwards held the continued interest of all but a few who had to leave early, until midafternoon.

"The guests consisted of three Northern Virginia members of the Virginia Chapter: Revell Michael, Don Misner and G. T. Ward; and nine graduate architectural students of City Planning and their professor from V.P.I., Ken Doggett. These students are in Washington doing special work in this field at George Washington University.

"New officers for 1965 were elected as follows: Earl B. Bailey, Fairfax, president (and director on the Metro Chapter Board); Eugene F. Magenau, Alexandria, vice-president; Louis E. Childers, Annandale, secretary-treasurer; and the following to the Virginia Section Executive Committee: Byron B. Black, Fairfax County (representing the Washington practitioners); Mario E. Campioli, McLean (representing the government contingent); Harry H. Graef, Alexandria; John Hans Graham, Arlington; Hugh B. Johnson, Arlington (also a Washington practitioner); William L. Mayne, Alexandria; James M. McHugh, Arlington; and Victor B. Spector, Falls Church. Present Chapter Board Director for Virginia, Charles A. Pearson, Jr. and Virginia Section Chairman Harry Ormston will remain as ex officio members of the Executive Committee.

"Director Pearson wishes to thank the Virginia members for such a fine turn-out and to urge their attendance at the next chapter meeting—the annual one—on October 13 at the Mayflower.

"The next winter membership meeting of the Virginia Section will be early in December, the place and time to be announced. The next Executive Committee meeting will be on October 20 at 8:00 P.M. at Charlie Pearson's office."

(Continued on page 13)



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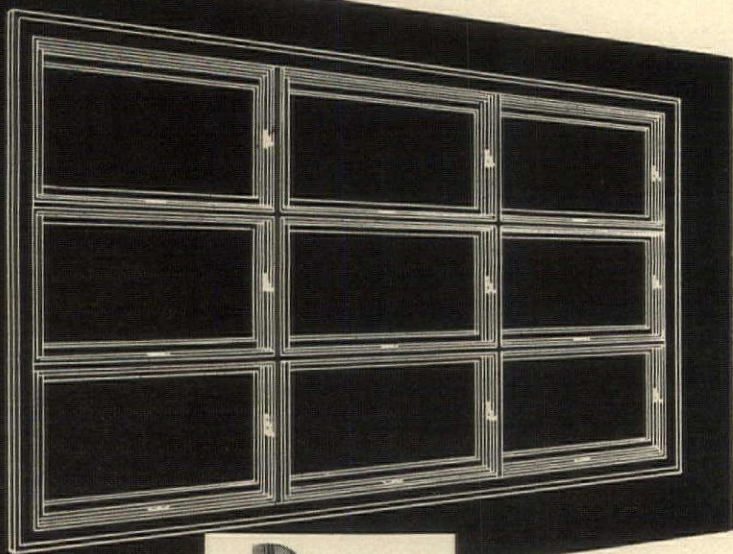
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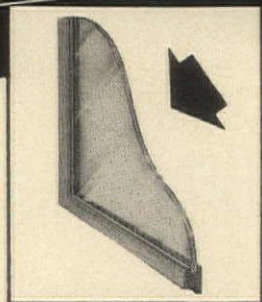
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See the new Orange County Public Library, page 57

MADISON, VIRGINIA

AIA News (Cont'd. from page 10)

• M. Walker Spence, Jr., of Portsmouth, of the VPI Student Chapter, Virginia Branch AIA, reports a number of interesting meetings held since the beginning of the academic year.

On September 29, Dean Carter, Professor of Architecture at VPI gave a slide-illustrated talk on his recent summer trip to Venice.

On October 6, David V. Cederquist, AIA, member of the Norfolk firm of Lublin, McGaughy & Associates, gave a slide presentation with sound on "Frank Lloyd Wright's Taliesin East." Also in October, Howard Landers and Jaan Holt, fifth year architectural students at the college, showed slides of their European sojourn this summer, in which they were participants in the exchange program sponsored by the Association of Collegiate Schools of Architecture.

Robert L. Geddes, of Geddes, Brecher, Qualls, Cunningham: Architects, spoke on "The Philadelphia School of Architects" on October 20.

On November 4, William J. Conklin with Whittlesey & Conklin, New York City, spoke on "Environmental Form;" on November 17, Burr Turner, affiliated with Westinghouse Electric Corp. in Pittsburgh, was to speak on "Building Systems Analysis."

Other officers of the Chapter are C. Calvin Phelps, Blacksburg, vice president; Richard W. Thompson, Fairfax, treasurer; Miss Virginia Manning, Blacksburg, recording secretary; Sam E. Evans, Princeton, W. Va., corresponding secretary.



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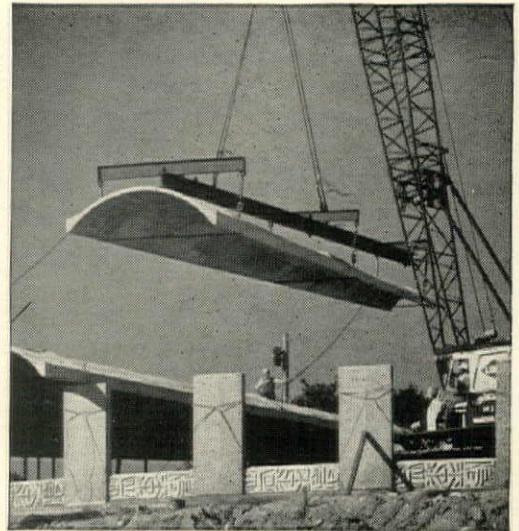
Circular-design school built entirely of concrete for less than \$13.20 per square foot!

Near Germantown, Wisconsin, they've replaced the "little red schoolhouse" with a beautiful all-concrete structure of unique circular design. Housing three classrooms, this is the first unit of a projected 8-classroom primary school with auditorium-gymnasium.

The first unit was completed at a cost of less than \$13.20 per sq. ft., including all service equipment for the full school. The completed building is expected to cost only \$10.00 per square foot.

Concrete's inherent economies make modern design possible at reasonable cost. Thanks to precasting of shell roof elements, costs were reduced and construction speeded. Further economies resulted from the use of precast piers enhanced by the color and texture of exposed aggregate. Precast sculptured panels under the large windows added design interest at low cost. And interior walls are economical concrete block.

Once again, here's proof that where beauty, structural strength and fire-safety must be combined with economic realities—more and more architects and engineers turn to modern concrete construction. Write for free technical data on concrete shell roof design. (U.S. and Canada only.)



To effect circular design of building, precast concrete barrel roof shells are tapered. They are 57 ft. long, 12 ft. wide at one end, 5 ft. wide at other end. Shells are supported by precast piers.

FOR STRUCTURES...

MODERN

concrete

PORTLAND CEMENT ASSOCIATION

1401 STATE PLANTERS BANK BLDG., RICHMOND, VIRGINIA 23219

A national organization to improve and extend the uses of concrete

GRACE MEDICAL VILLAGE

EDWARD F. SINNOTT & SON, AIA
Architects

BRANDT & MORSE, P.E.
Mechanical & Electrical Consultants

C. STUART DUGGINS
General Contractor



GRACE STREET FACADE

■ The expanding West End section of the City of Richmond and adjacent areas of the County of Henrico, together with downtown parking problems, have brought about the relocation of many medical and dental offices.

In this atmosphere, Grace Medical Village was conceived shortly after the contract was awarded for the construction of St. Mary's Catholic Hospital on ground in the immediate vicinity of the Village site.

The village compound plan was decided upon after lengthy study of other plans. The basic concept affords each tenant his own small building, if desired, or a suite in one of the larger buildings. The buildings are separated by small courts landscaped with appropriate planting and white gravel in which varied sized pre-cast concrete stepping stones and accent boulders are set; yard work and maintenance are kept to a minimum with this simple yet effective scheme.

The village compound is made up of eight separate buildings, in two parallel rows all tied together with covered walkways which face on the landscaped courts at regular intervals.

Parking for some 35 cars is provided immediately behind the last row of buildings, with four means of ingress to the covered walks to offer doctors and patients almost immediate lighted cover during inclement weather; more than adequate on-street parking is available in the front.

The village compound concept was further effected by the dominant roof profile; material used for surfacing is white Thermo-roof; capping all roofs are louvered enclosures which conceal all plumbing and power vents as well as air conditioning roof top compressors. All exposed wood is stained for a weathered appearance and exterior masonry is a white concrete split stone. The small vertical fenestration is wood framed with an amber rondel glass.

Each suite, regardless of size, has two zones for heating and air conditioning; all suites have radio and intercom. Two means of ingress and egress are provided for the convenience of all tenants.

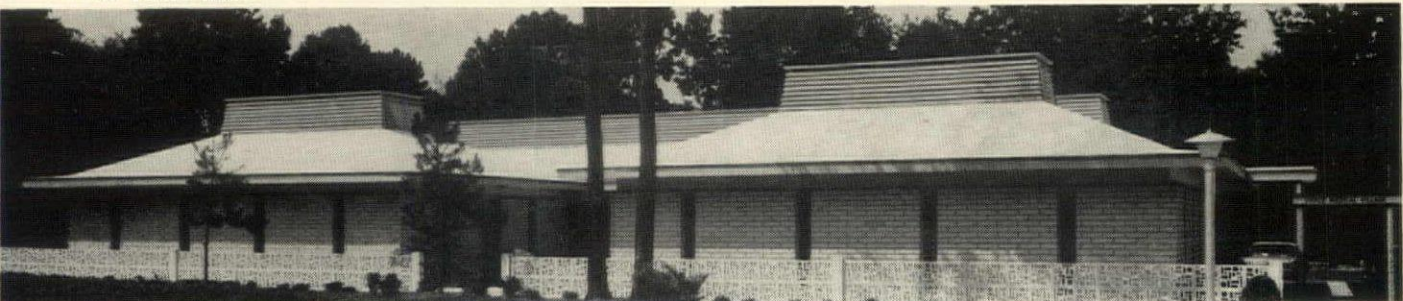
The entire complex is set behind a low screen wall and nearly a third of an acre of lush green lawn and low ground cover with flowering shrubs for accent.

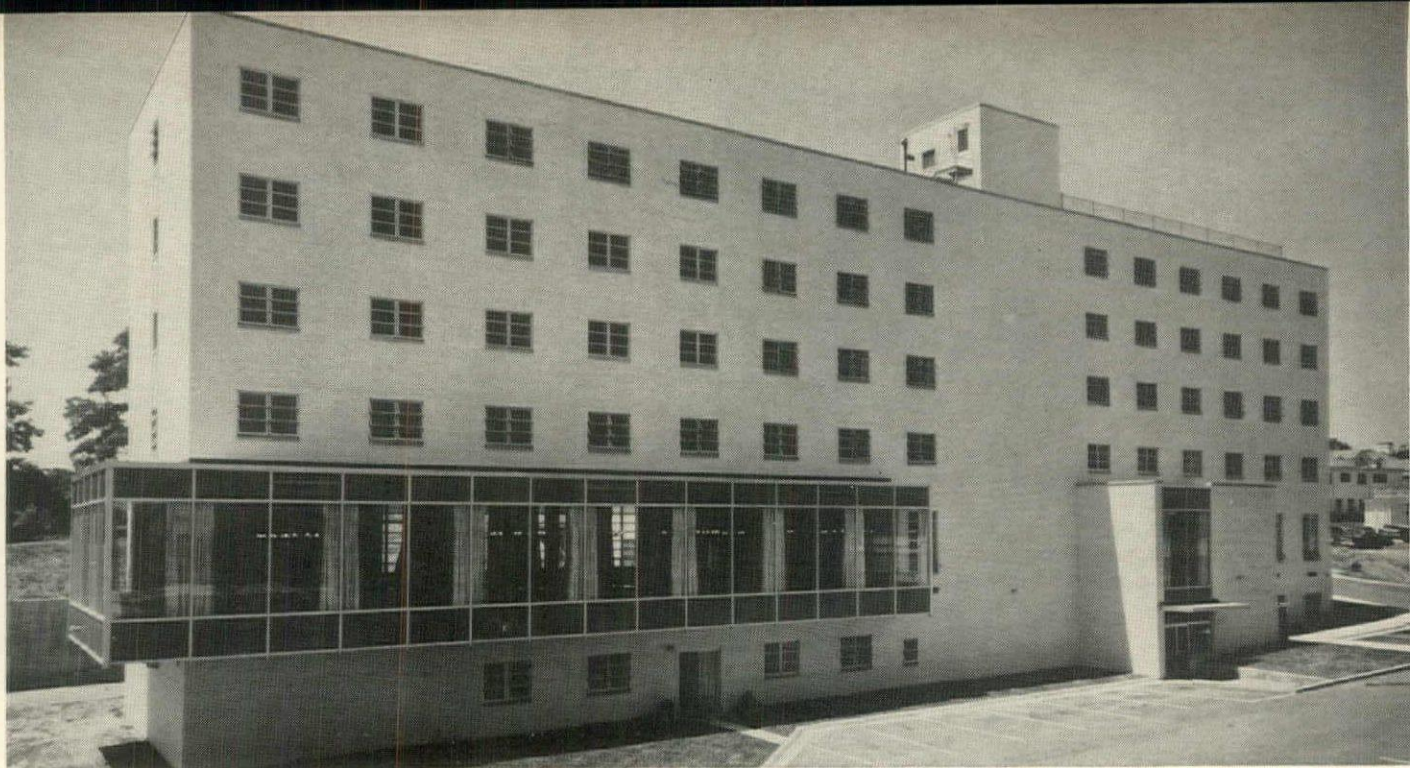
C. Stuart Duggins, of Richmond, is general contractor and is doing the work on excavating, foundations, and carpentry. Principal subcontractors and suppliers, all of Richmond, include Guard Masonry, masonry; R. Wil-lison Roofing Co., roofing; Allied Glass Corp., windows, glazing; Miller Homes, structural wood trusses; N. Chasen & Son, Inc., painting; United States Plywood Corp., paneling; Manson & Utley, Inc., weatherstrip-ping, acoustical, resilient tile.

Also, G. B. Ganzert, Jr., plaster; General Tile & Marble Co., Inc., ceramic tile; Richmond Lumber & Building Supply Co., millwork; Greendale Ornamental Iron Co., handrails; R. M. Greene, lighting fixtures, electrical work; Kohler Co., plumbing fixtures; Wade Mechanical Corp., plumbing, air conditioning, heating, ventilating; Laird's Nurseries, landscaping; Pleasants Hardware, finish hardware; Nutone intercom and radio.

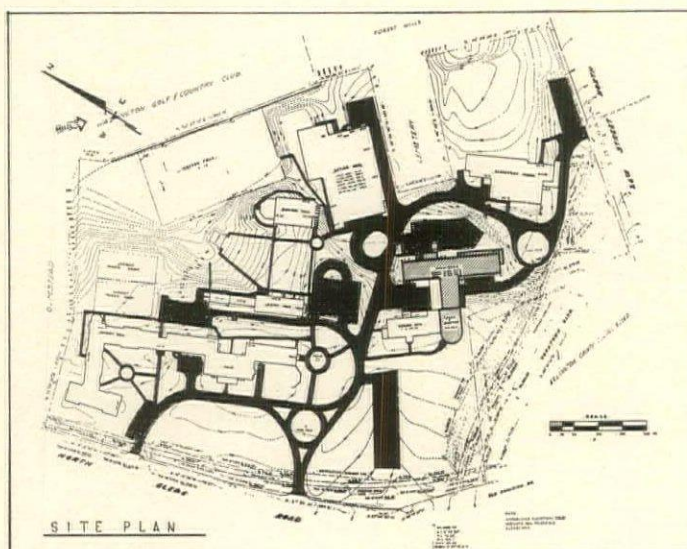
VIEW FROM EAST

(Photos by Haycox Photographic, Inc.)





(Harris & Ewing)



(James A. Mills)



A Dormitory . . . Its Challenge To the Campus

~

Marymount College

— Arlington —

● Marymount College is situated on approximately 17 acres, surrounded by a densely populated suburban residential community in Arlington and additional property could not be obtained. Student applications received each year were exceeding the previous years to such an extent that immediate expansion was evident for an additional 202 students.

To spread the building out would not be logical due to the limited campus. Somehow, a dormitory consisting of 101 rooms and allied facilities must be built to house the increased enrollment. Zoning restrictions were such that the building could not exceed 45'-0" in height from the front entrance grade to the roof. Variances and exceptions were not likely, according to past experience.

The only solution would be a thorough study of the site and terrain features since the topography revealed contours varying greatly in elevation. The existing road pattern on the campus also would have to be revised since its present location was not complementary to the placing of other buildings. A plan finally materialized whereby the difference in grade elevation and relocation of the streets provided the key to the solution.

A "T" shape structure was considered with the major wing running north and south, permitting the rear to have six stories, four above grade not exceeding 45'-0" in height and two on the lower side.

Secondly, an existing stone dormitory building situated in the area where the new expansion was proposed, presented another challenge. Should we tear it down to ease our problem or bring it into our plan? Since the building appeared to be in good repair and had provided atmosphere to the campus for many years, notwithstanding its worth in dollar value, our decision was that it should stay.

A one story addition was added to the end of the present structure, consisting of a new entrance to the new dormitory and reception lounge, with offices for the house mother, etc. This was accomplished in such a way that one was not aware of the new six story wing behind it, attached to the front entrance, until one was escorted through the building.

In the front of the new structure, large trees blended into the landscape in such a way that the building appeared as one entity. Another feature, seen in approaching the building from the rear, is a six story structure with another major entrance and the immediate impression is of a single building. It was our plan to provide the students with facilities affording the maximum in community living under one roof, consisting of the following: dining room and cafeteria, smoking lounge, shower, dispensary, tailor shop, laundry rooms, private family rooms, study lounges on each floor centrally located.

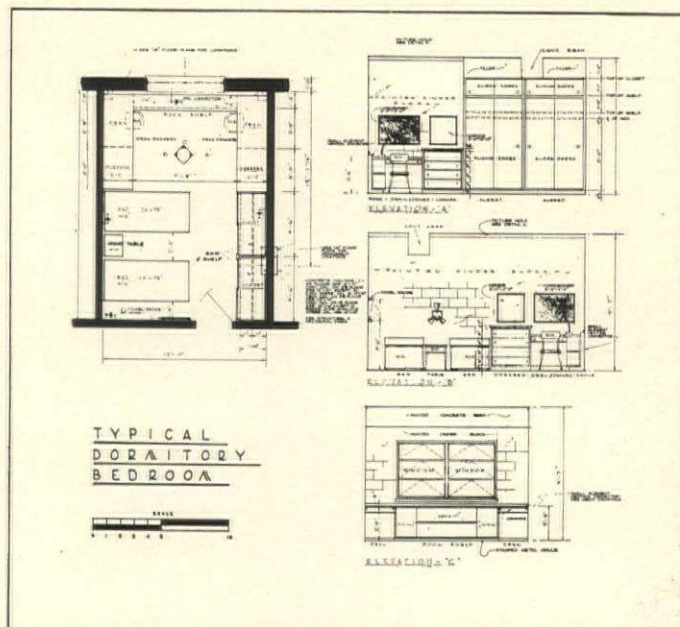
The elevators and a stairway were positioned in the center of the core in such a way that all students have quick access to a travel pattern that delivers them to each facility on every floor in a minimum of time, enhancing the community life and providing the students more time to study.

Altimont Brothers, Inc., of Bethesda, Md., were general contractors and also did the work on excavating, foundations, concrete, reinforced concrete and carpentry. Principal subcontractors and suppliers included the following:

A&A Masonry Contractors, Inc., Bethesda, masonry; The Mathy Co., Fairfax, roofing; Walker Bros., Silver Spring, Md., stone work; Valley Metal Products Co., Washington, D. C., aluminum windows by Wm. Bayley Co.; Caloric Architectural Porcelain Div., The Caloric Corp., Silver Spring, window walls; Suburban Glass Co., Cheverly, Md., glazing; Solway Painting Co., Washington, painting.

U. S. Tile & Marble Co., Inc., Washington, structural tile, ceramic tile, terrazzo; Arlington Woodworking & Lumber Co., Inc., Arlington, millwork, paneling; Washington Waterproofing Co., Inc., Washington, waterproofing; Chamberlin-Washington Div., Chamberlin Co. of America, Washington, weatherstripping; Wayne Insulation Co., Inc., Arlington, insulation; Kidwell & Kidwell Plastering Corp., Branchville, Md., acoustical plaster; Fred S. Gichner Iron Works, Inc., Washington, steel grating, handrails, steel doors and bucks.

National Electrical Lighting, Inc., Washington, lighting fixtures; Buscher Co., Washington, electrical work; Bob Vranich Plumbing & Heating, Inc., Arlington, plumbing (American-Standard fixtures), air conditioning, heating, ventilating; Westinghouse Electric Corp., Elevator Div., Washington, elevator.



JOHN M. WALTON & ASSOCIATES JOHN M. WALTON

Architect

SVERDRUP & PARCEL
(New York City)

Consulting Engineers:
Mechanical, Electrical
and Structural

MARYMOUNT COLLEGE

Interior Decorator

ALTIMONT BROTHERS, INC.
(Bethesda, Maryland)

General Contractors



THOMAS A. HANSON & ASSOCIATES
Structural Consultant

COHEN, HAFT & ASSOCIATES
Consulting Architects

THALHIMERS INDUSTRIAL SALES CORP.
Interior Decorator

BRANDT & MORSE
Mechanical & Electrical Consultants

KJELLSTROM & LEE, INC.
General Contractors



DOWNTOWN HIGH RISE APARTMENT IN RICHMOND

EDWARD F. SINNOTT & SON, AIA
Architects

● Scheduled for opening early in 1965 is the Lexington Tower Apartment, located in downtown Richmond at 104 West Franklin St. This will be the second of several high-rise apartment buildings planned for this area.

The 18-story apartment building, developed by Paul Gordon Associates, was designed by Edward F. Sinnott & Son to facilitate low rent, high-rise, downtown apartment dwellings.

The masonry clad reinforced concrete structure towers above landscaped terraces at ground level and underground parking facilities.

In addition to lobby and management offices, the ground floor provides space for professional and commercial suites. The 16 floors above accommodate 206 apartment units, varying in size and complex from the two-bedroom double-bath units to the smaller studio units.

Along with a spectacular view of the Richmond skyline, tenants are offered swimming and club facilities at the 16th floor pool, Tower Room Club and the Flag Room Club.

Features include three electric elevators, carpeted corridors, central mail facilities, answering services, and on site parking. All residential levels contain laundry and incinerator facilities. Apartment finishes are wood parquet flooring, painted drywall partitions, sprayed acoustic plaster ceilings, stainless steel horizontal sliding windows, aluminum curtain wall with Spandrelite panels and bronze glass.

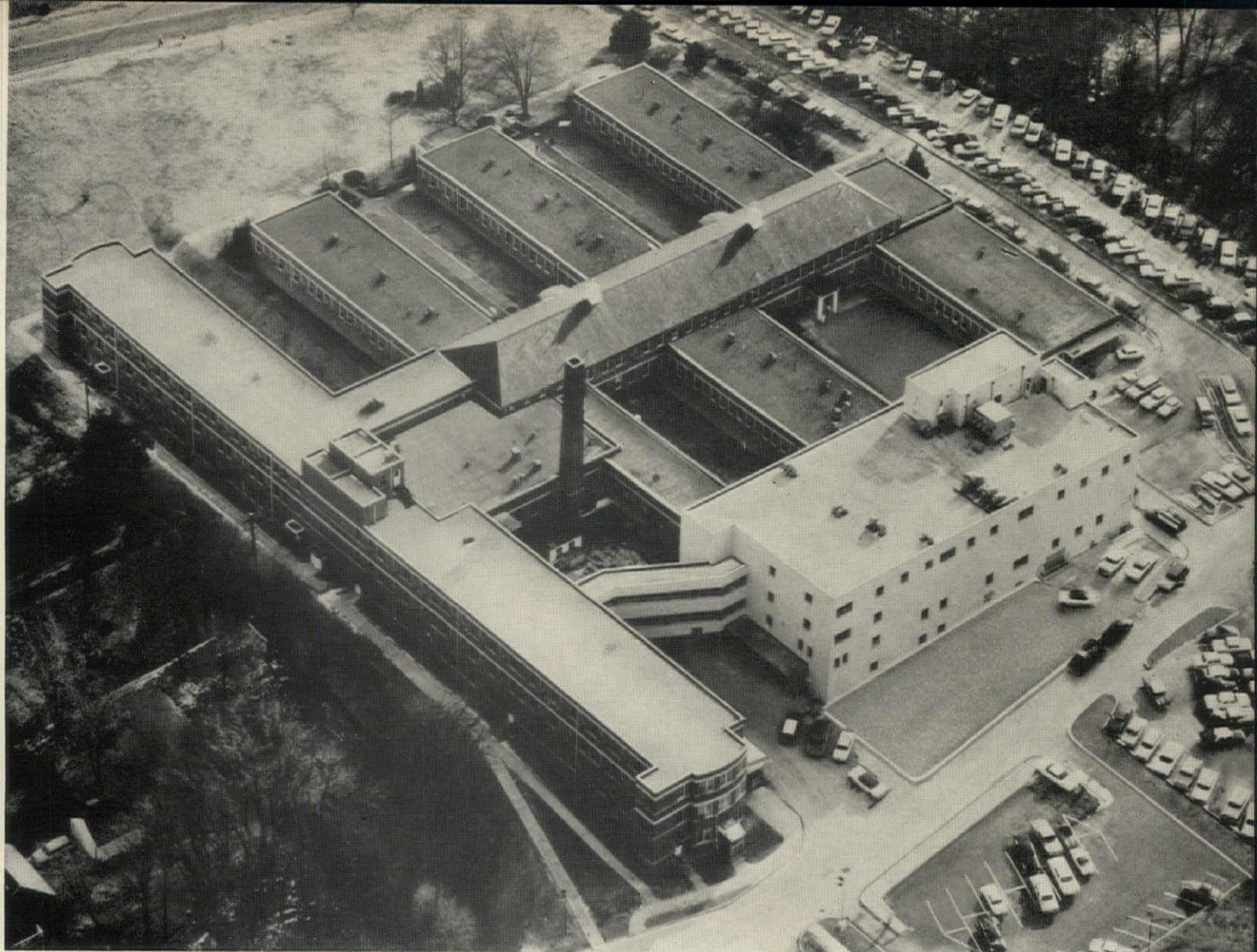
Apartments are provided with oversized closets, ceramic baths, modern kitchens with disposals, year-round air conditioning, telephone and master antennae television outlets.

SUBCONTRACTORS & SUPPLIERS

(All Richmond firms unless otherwise noted)

E. G. Bowles & G. P. Clay, excavating; Coakley & Booth, Inc., Washington, D. C., under pinning; Hammond Masonry Corp., masonry; Service Steel Erectors Co., Chester, steel; N. W. Martin & Bros., Inc., insulation, roofing; Economy Cast Stone Co., stone work; Republic Steel Corp., windows; Commercial Metal Industries, Inc., window walls; Sash, Door & Glass Corp., glazing and aluminum patio doors; Modern Decorating, Inc., painting.

E. S. Chappell Co., Inc., weatherstripping; McL. T. O'Ferrall & Co., acoustical, resilient tile, wood flooring; F. Richard Wilton, Jr., Inc., plaster; Leo H. Bourne Tile & Marble Contractor, ceramic tile; Richmond Lumber Co., Inc., millwork; Virginia Metal Products, Inc., Orange, steel doors and bucks; Liphart Steel Co., Inc., handrails; Northside Electric Co., lighting fixtures, electrical work; Hungerford, Inc., plumbing fixtures, plumbing, heating, ventilating; Jo-Pa Co., air-placed concrete swimming pool; Kjellstrom & Lee, Inc., foundations, concrete, carpentry, paneling; Westinghouse Electric Corp., Washington, D. C., elevators.



—ARLINGTON HOSPITAL ADDITION—

A NEW FOUR STORY medical wing, part of an extensive expansion program, has recently been completed at the Arlington Hospital. The white brick building shown in the photo above, it joins the 1953 and 1957 additions at the left of the photo. The other, older wings, constructed in the early 1940's and opened in 1944, will eventually give way during 1965-6-7 to a four story patients' wing and administrative offices.

Architects for the new 250 bed addition were John M. Walton and Associates. The new wing contains medical, surgical and maternity facilities as well as pediatrics, and emergency room, outpatient clinics and an X-ray laboratory. J. J. Anderson is administrator.

In addition to ten operating rooms with recovery rooms, the just-completed section includes a cafeteria, kitchen and resident quarters.

SUBCONTRACTORS & SUPPLIERS

Allied Excavating Co., Vienna, excavating; United Masonry, Inc., Alexandria, masonry; Montague-Betts Co., Inc., Lynchburg, steel, steel roof deck, steel grating; Warren-Ehret Co., Washington, D. C., roofing; Indian Hills Stone Co., Chicago, Ill., stone work; Ware Aluminum Windows, Inc., Washington, windows; Allen Glass Co., Inc., Alexandria, glazing.

William E. Clayborne & Sons, Inc., Arlington, painting; Dodd Bros., Inc., Falls Church, plaster, wall finish; Standard Art, Marble & Tile Co., Inc., Washington, structural tile, ceramic tile, terrazzo; Peter Gordon Co., Bethesda, Md., waterproofing; Wayne Insulation Co., Inc., Arlington, insulation; Bilton Insulation & Supply, Inc., Arlington, acoustical; Murphy-Ames, Inc., Arlington, millwork; Bilt-Rite Steel Buck Co., Brooklyn, N. Y., steel doors and bucks; Fred S. Gichner Iron Works, Inc., Washington, hand-rails.

Trovato Electric Co., Inc., Arlington, electrical work (Kenray and Halo fixtures); E. E. Cousins, Inc., McLean, plumbing (American-Standard fixtures), air conditioning, heating, ventilating; Otis Elevator Co., Washington, elevator.

Work on foundations, concrete and carpentry was done by the general contractor.

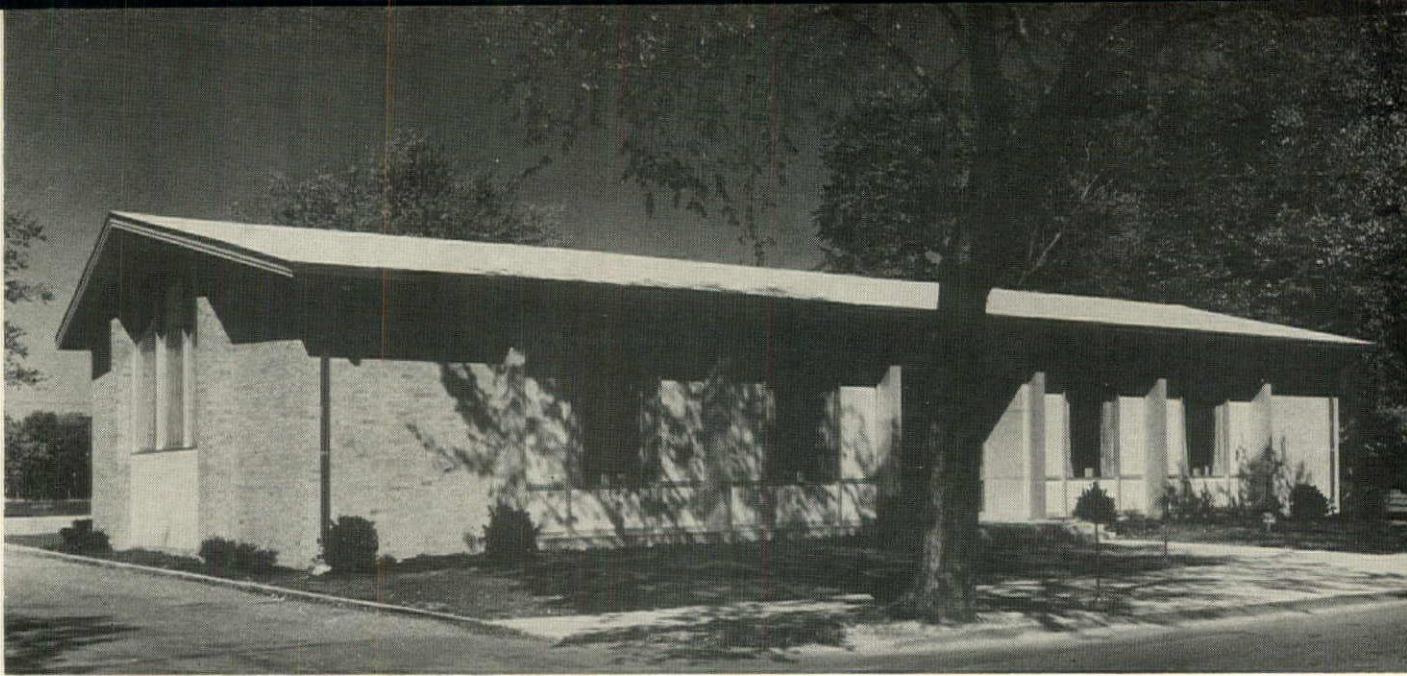
Arlington Hospital's laboratory was selected in an international survey as the model laboratory for a metropolitan suburban area. Staffed by two full-time pathologists—both licensed physicians—and 30 graduate technologists, the laboratory operates on a 24-hour a day basis.

The new facility also provides Arlington's new citizens and their mothers with three new delivery rooms, a recovery room and a complete surgical suite, plus 10 labor rooms.

The hospital maintains its own blood bank, licensed by the U. S. Government and approved by the American Association of Blood Banks. It also features a heart station, equipped with electrocardiographic instruments; x-ray department manned 24 hours a day; physical therapy department; emer-

(Continued on page 81)

JOHN M. WALTON & ASSOCIATES, JOHN M. WALTON: Architect • **KENDRICK & REDINGER:** Mechanical & Electrical Consultants • **V. L. FAISANT & ASSOCIATES,** Structural Consultants • **J. J. ANDERSON:** Hospital Administrator
SHARPE & HAMAKER, INC.: General Contractors



LATEST RICHMOND BRANCH LIBRARY

BUDINA & FREEMAN: Architects

BERNARD E. COOPER
Mechanical & Electrical Consultant

M. E. HOWARD & SON, INC.
General Contractor

In 1955 the City of Richmond embarked on a program to establish a comprehensive system of new branch libraries. The Belmont Branch opened in 1956 was the first, the Westover Hills Branch following in 1959. Both met with immediate acceptance, and circulation greatly exceeded the most optimistic estimates.

The third, the Ginter Park Branch, was dedicated on May 13 and opened to the public on the following day. While representatives of the Library Board and the City Librarian were exploring the area and evaluating various sites, Mrs. J. K. Hall and Dr. Rex Blankinship of the Azalea Corporation offered to give the city a site at the northwest corner of Westbrook Avenue and Brook Road for library purposes.

The many advantages of this site were immediately recognized and this gracious offer was promptly accepted. The 200' x 210' site on this important corner, immediately adjoining the Azalea Mall Shopping Center, follows the countrywide trend of locating library facilities in or near shopping centers. Busy housewives can combine their marketing trips with visits to the library for recreation, for the borrowing of books or for serious study with ample reference material available. The location is not only conveniently accessible to the Ginter Park area of the city, but also to a large area of Henrico County due to be annexed.

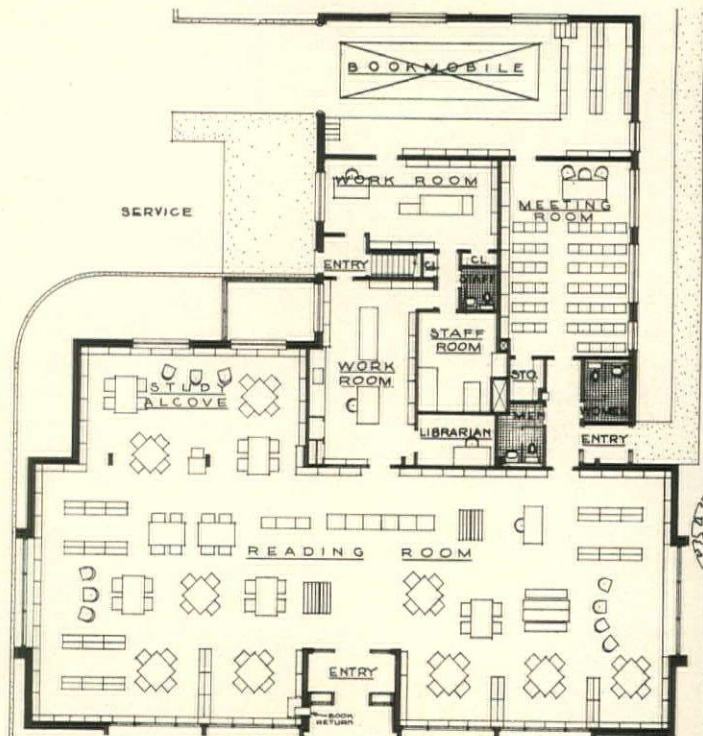
This is in fact two libraries in one, since in addition to the regular services of a branch, it also is headquarters for the Bookmobile which serves various outlying parts of the city not yet served by permanent branches.

The building fronts on Westwood Avenue and was located on the westerly end of the property in order to save some attractive trees on the easterly end as well as to keep it as far as possible from the traffic noise of Brook Road. In addition to the entrance from Westwood Avenue, there is a side entrance connected to the parking area in the rear. The parking area has spaces for 35 cars and is accessible from the Azalea Mall parking lot as well as from both streets.

The Ginter Park building was conceived as a purely functional structure modified only to make it compatible with the residential character of the neighborhood and at the same time harmonious with the commercial development to the rear. The convenience and comfort of the library patrons was kept uppermost in mind at all times.

The roof is of timber deck construction supported on laminated wood rigid frames and exposed surfaces stained on the underside. The walls are of face brick backed up with hollow Solite blocks which are left exposed and painted.

(Continued on page 78)





mid-state tile co.





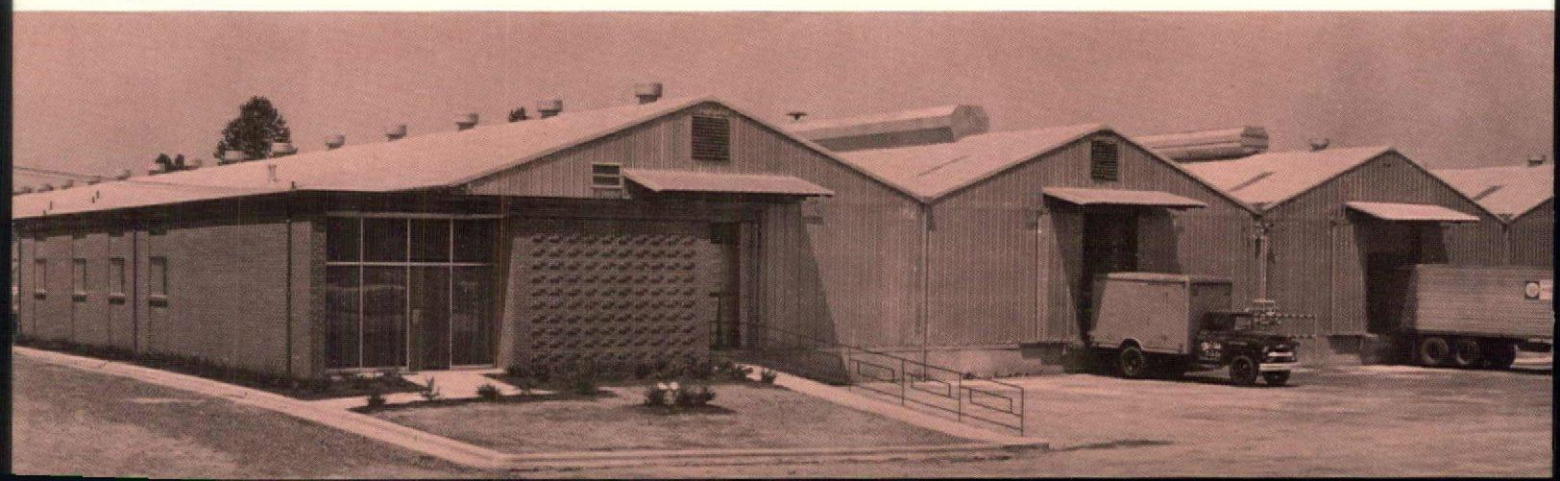
MID-STATE TILE FOR RESIDENTIAL AND INSTITUTIONAL USE



Mid-State Tile Company is one of the South's largest producers of ceramic tile. Highly skilled craftsmen work with the most modern equipment available to produce a product that is superior in quality. Each year this progressive company produces millions of square feet of tile for residential, institutional, and industrial installations — installations where the best in ceramic tile is desired.

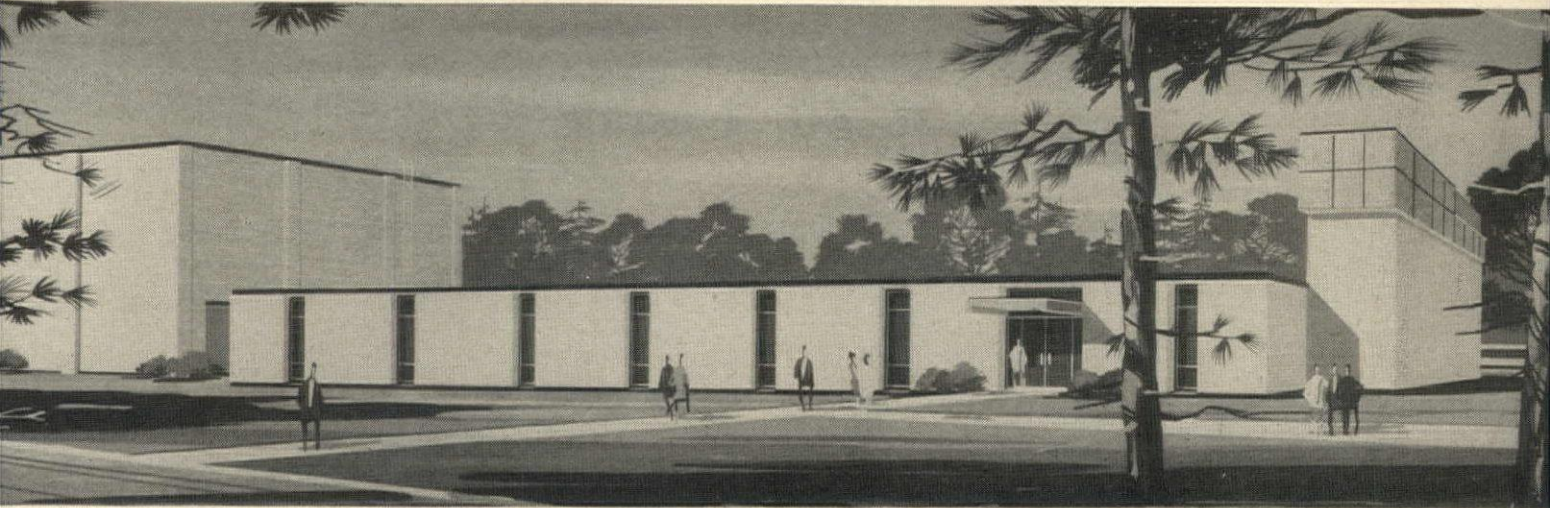
mid-state tile company ■ P. O. DRAWER 627 ■ LEXINGTON, N. C.

HP-2153 9/64



NASA LABORATORY

MARCELLUS WRIGHT
& SON
ARCHITECTS



Stabilization & Control Equipment Laboratory NASA, Langley Research Center, Hampton

■ Completion is expected early next spring of a new Stabilization & Control Equipment Laboratory for The National Aeronautics & Space Administration, Langley Research Center, Hampton. To be used for testing and calibrating guidance equipment for the space program, it will provide vacuum, cryogenic, cool sensor, hydraulic, inertial test and flight simulator laboratories. Included in the building will also be 17 technical and engineering design offices, a shop and six administrative support offices.

Designed by Marcellus Wright & Son, Architects, of Richmond, it will involve the first major departure in basic building materials NASA has selected in several years. It is the first of three major research buildings which will form a new complex near the Lunar Landing Research Facility. The exteriors of all three buildings will be constructed of white brick.

The roof structure of the building is of steel joists covered with steel deck and supported by the brick and block cavity walls. A flexible "raft" foundation on a carefully compacted earth mat is used to equalize settlements. Special foundations under the test

stands, flight simulator and telescope are designed for stability within $\frac{1}{3}$ of an arc second of rotation.

One feature of the structure is a telescope observatory with walls and roof of half of the 40 foot room devised to slide back into the other half automatically, exposing a powerful referencing telescope to a 320 degree arc of surveillance for optical calibration with star sources. An additional feature of this observatory is the special air conditioning system which permits the area to be brought to outside temperature at any desired rate of speed prior to opening the room to the outside.

The flight simulator room is equipped for blackout in order to permit use of faint light sources in testing, and is completely anti-magnetic, using stainless steel and aluminum reinforcing, hardware, etc. exclusively and a wood roof. (This is necessitated by artificial force fields generated in testing).

General contractor for the project is the Norfolk office of Doyle & Russell, Inc., with the following subcontractors and suppliers:

Lockwood Brothers, Inc., Hampton, piling; Southern Materials Co., Inc.,

Norfolk, concrete; United Fireproofing Corp., Hampton, masonry; Standard Iron & Steel Co., Inc., Norfolk, structural steel, steel roof deck; Roof Engineering Corp., Norfolk, roofing; Economy Cast Stone Co., Richmond, cast stone work; Seaboard Paint & Supply Co., Inc., Norfolk, hardware; Dages Co., Richmond, porcelain enameled panels; Binswanger Glass Co., Richmond, glazing; Shaw Paint & Wall Paper Co., Inc., Norfolk, painting; Holbrook Contracting Co., Norfolk, waterproofing and caulking; W. Morton Northen & Co., Inc., Richmond, acoustical, resilient tile.

John Bros., Norfolk, plaster; Pompei Tile Co., Inc., Newport News, ceramic tile; Birdella Estates, Inc., Newport News, grading and earthwork; Hall-Hodges Co., Inc., Norfolk, reinforcing steel; R. E. Lawrence & Co., Portsmouth, reinforcing steel placing; Weaver Bros., Newport News, millwork; Southern Electronics Corp., Norfolk, electrical work; Warwick Plumbing & Heating Corp., Newport News, plumbing, air conditioning, heating; Modern School Equipment Co., chalkboards; K. E. Savage Co., Norfolk, drive system for telescope housing.

ROACHE, MERCER & FAISON: Mechanical & Electrical Consultants • WM. J. BLANTON: Structural Consultant

DOYLE & RUSSELL, INC.: General Contractor

A RESTAURANT A SHOWROOM AND AN OFFICE

**TIFFANY H. ARMSTRONG
ARCHITECT**

SUBCONTRACTORS & SUPPLIERS

Richmond Power Equipment Co. (All Richmond firms unless otherwise noted)

Garrett & Co., grading and paving; Hammond Masonry Corp., masonry; Liphart Steel Co., Inc., steel; R. Willison Roofing Co., built-up roofing; W. H. Stovall & Co., Inc., metal windows; Richmond Glass Shop, Inc., glazing, front and side entrances; Southern Roof Deck Co., Inc., Roanoke, roof deck insulation; C. M. Richardson, painting; Roanoke Engineering Sales Co., Inc., toilet and folding partitions; John G. Duggan & Co., Ellerson, plaster and stucco; John H.

Hampshire, Inc., resilient tile floors and acoustical ceiling; Anchor Fence Div., Anchor Post Products, Inc., fencing; The Staley Co., Inc., steel doors and bucks; Garber's, Inc., overhead doors; Hudson-Perkins Electric Co., electrical work; Thomas P. Harris, Jr., Globe Lighting Products Corp. fixtures; Wallmeyer-Hazelgrove & Co., Inc., plumbing, air conditioning, heating; L. A. Burnert, mechanical equipment; Raymar, Inc., skydomes.

Thalhimers Industrial Sales Corp. (All Richmond firms unless otherwise noted)

Garrett & Co., grading and site work; Southern Materials Co., Inc., concrete; Hammond Masonry Corp., masonry; Liphart Steel Co., Inc., structural steel, miscellaneous iron; Bowker & Roden, Inc., bars and mesh; Concrete Structures, Inc., prestressed concrete, double tees; Richmond Glass Shop, Inc., store front and sign;

Southern Roof Deck Co., Inc., Roanoke, roof deck insulation; C. M. Richardson, painting; The Staley Co., Inc., steel doors and bucks; Hudson-Perkins Electric Co., electrical work; Wallmeyer-Hazelgrove & Co., Inc., plumbing, air conditioning; L. A. Burnert, mechanical equipment; Grinnell Co., Inc., automatic sprinkler system.

Dolphin House Restaurant

James A. Wilson, Inc., Petersburg, masonry; Andrews-Joyner Iron Works, Petersburg, structural steel; Concrete Structures, Inc., Richmond, prestressed concrete; Joe M. DeShazo Roofing Co., Richmond, roofing and sheet metal; Richmond Glass Shop, Inc., glass and aluminum windows and window walls; G. M. Clements Co., Petersburg, painting; C. B. Smith Co.,

Richmond, acoustical and flooring; John Edmonds, Jr., Petersburg, plaster and stucco; Colonial Tile & Floor Covering Co., Colonial Heights, ceramic tile; J. S. Archer Co., Richmond, steel doors and bucks, folding partitions; King Electric Co., Inc., Hopewell, electrical work; Tri-City Plumbing & Heating Co., Petersburg, air conditioning, heating.

PLAN-BILD THORINGTON, INC.
General Contractor

HAMILTON LAND CORP.
Owners

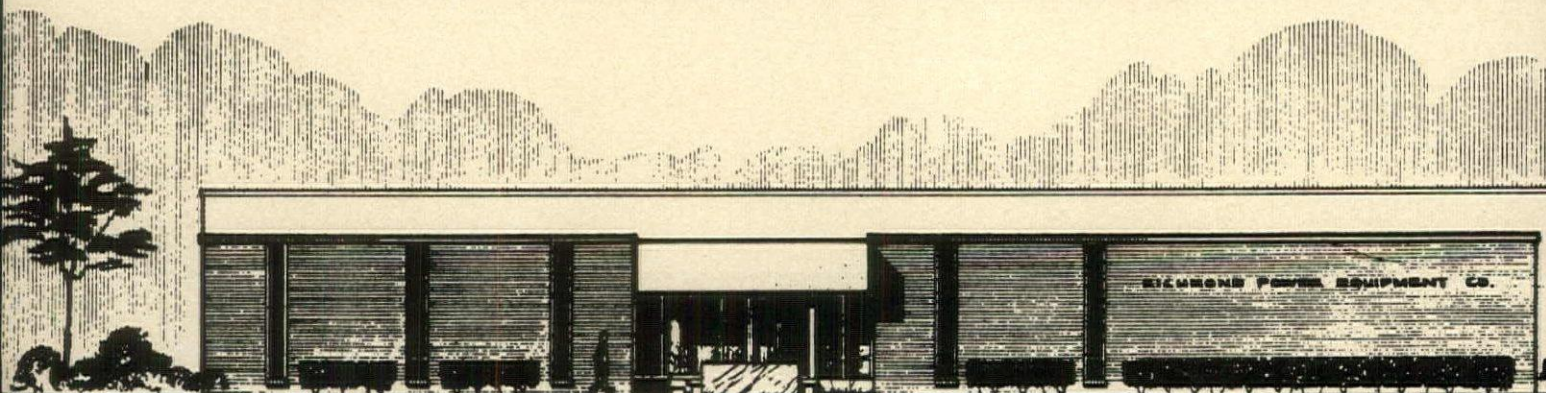
● Construction has been completed on a 17,000 square foot office and warehouse for Richmond Power Equipment Co. The new building is located just north of the Atlantic Electric Co. building on Hamilton Street in Richmond.

The office portion of the building will contain a large display room and a parts department, as well as lobby, conference rooms and numerous private offices. The warehouse portion in-

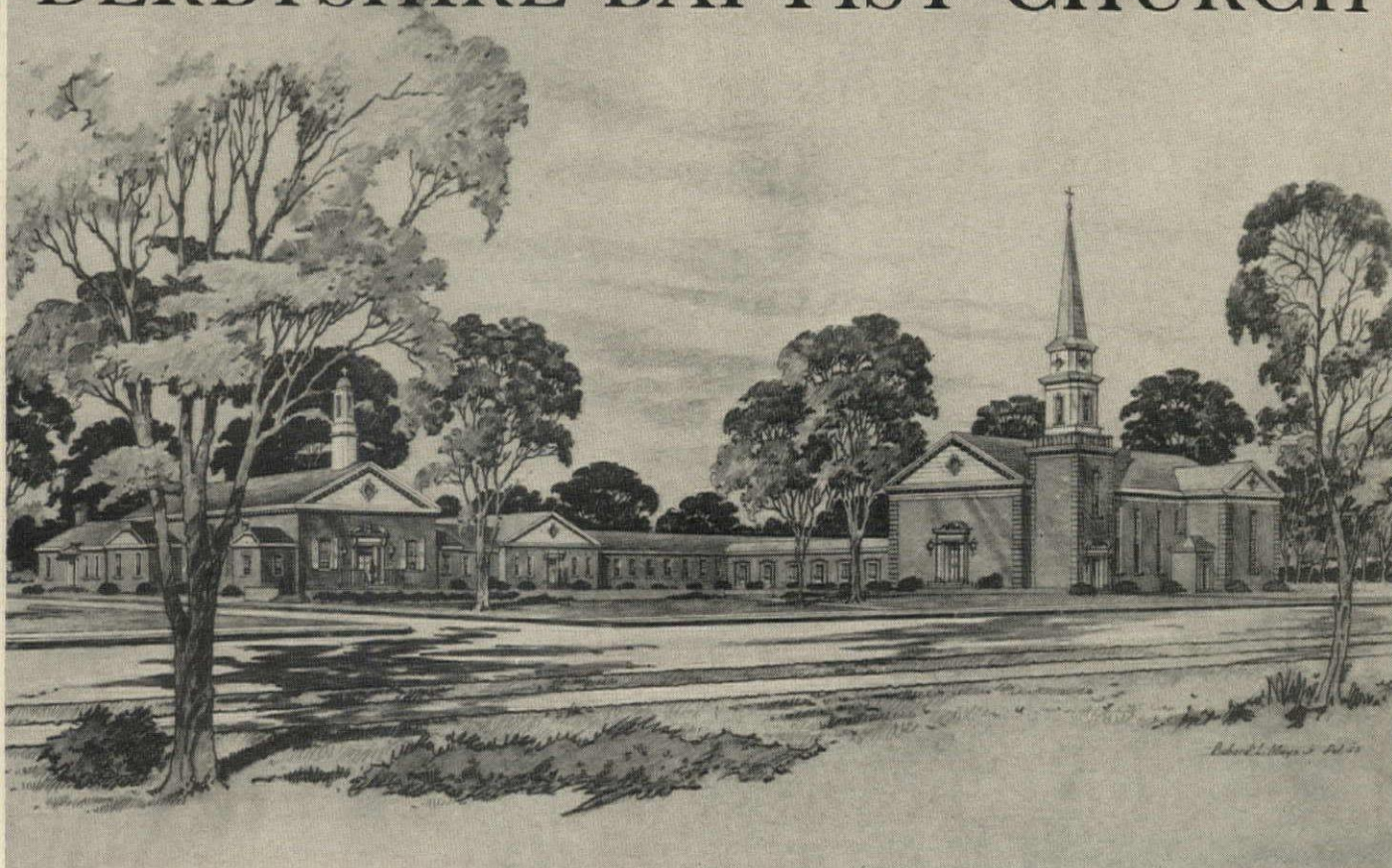
cludes 6,800 square feet of storage space, a repair department, and 600 square feet of isolated ammunition storage. The warehouse and the repair departments both have supplementary lighting from skydomes. There are truck loading docks and a rail siding adjacent to the warehouse.

The grounds of the building will be extensively landscaped. There will be an underground lawn sprinkling system and several exterior electric outlets. These features will provide a working display of the lawn and shrubbery equipment which are supplied by the Richmond Power Equipment Co.

RICHMOND POWER EQUIPMENT CO.



DERBYSHIRE BAPTIST CHURCH



CHARLES SHIFLETT, THOMAS A. GRESHAM: ASSOCIATED ARCHITECTS

ROACHE, MERCER & FAISON
Mechanical Consultants

ANDREWS & PARRISH
General Contractors

MRS. S. GEORGE WHITE
Interior Decorator

DERBYSHIRE BAPTIST CHURCH, located at 8800 Derbyshire Road in Henrico County, was designed by Charles Shiflett, Thomas A. Gresham, Associated Architects.

The church was sponsored by Woodland Heights Baptist Church and formally organized as Derbyshire Baptist Church in February, 1963. The church first met in Maybeury Elementary School in the fall of 1958 and continued to meet in the school until the new church building was completed in 1963.

The first pastor was the Rev. Perry L. Mitchell. The Rev. Wade H. Bryant became the pastor in May 1961. The present membership of the church is 415.

The building committee, under the chairmanship of E. B. Hurst, decided to build a chapel and educational space as the first unit of an overall master plan depicted in the drawing above. The chapel, shown on the left, will seat 225. Educational space is provided for 449.

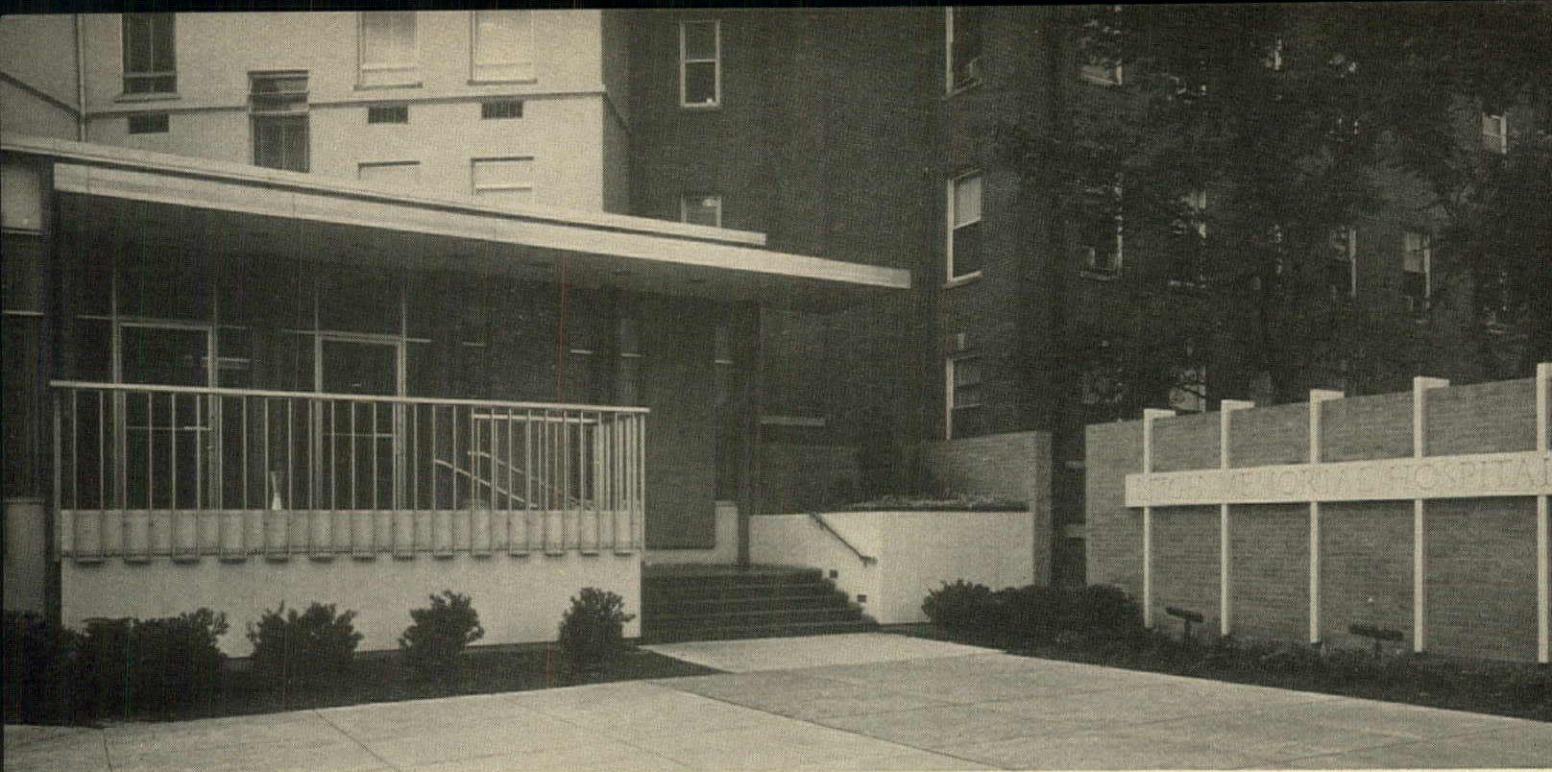
The first unit also includes office space and a kitchen. The adult classrooms are divided with folding doors so that

this area may be opened to provide a space for fellowship activities.

The overall cost of the first unit, including the parking area, was \$250,000.00. This figure does not include land, furnishings or architect's fee. The building cost \$13.00 per sq. ft.

Andrews & Parrish, general contractors of Richmond, also did the work on excavating, foundations, concrete, carpentry and waterproofing. Major subcontractors and suppliers, all of Richmond, included W. M. Walder, Jr., stone work, masonry; Holmes Steel Co., steel, steel roof deck; N. W. Martin & Bros., Inc., roofing; H. Beckstoffer's Sons, millwork, glazing; Glidewell Bros., painting.

Others were Manson & Utley, Inc., weatherstripping, insulation; J. A. Wilton, Jr., plaster; Stonnell-Satterwhite, Inc., ceramic tile; C. B. Smith Co., resilient tile; Union Electric Co., Inc., lighting fixtures, electrical work; Harris Heating & Plumbing Co., Inc., heating; James H. Carr, Inc., wood trusses.



LEIGH MEMORIAL HOSPITAL IN NORFOLK

OLIVER & SMITH, AIA.: Architects

Mechanical Consultant: MATHEW J. THOMPSON, III
Structural Consultant: FRAIOLI-BLUM-YESSELMAN

Electrical Consultant: W. G. VANSANT, JR.
General Contractor: WALTER T. GREGORY CONSTRUCTION CORP.

REMODELING AND ADDING to a 61-year-old building takes courage and imagination and those qualities paid off at Leigh Memorial Hospital in Norfolk.

The trustees of the non-profit community hospital provided the courage when they voted to go ahead with updating a portion of the institution constructed in 1903.

The architects, Oliver and Smith, provided the imagination—especially in the addition: a one-story, wedge-shaped structure which houses the lobby.

What makes it even more unique is that the architects put the addition in a cul de sac across from the nurses' home, also designed by Oliver and Smith, and closed off the old main entrance to the hospital. The former entrance is now a patio overlooking an arm of the Elizabeth River and used by visitors to the snack bar.

Basically, the \$450,000 job entailed erecting the lobby where the old snack bar—a part-clapboard structure—was located, moving the snack bar to the former entrance location, installing three new elevators, lowering ceilings in three of the four floors of the 1903 portion of the hospital, moving some walls and installing new fixtures.

Besides the aesthetic values and convenience the work brought the hospital, there were other benefits. "We gained ten beds as a result of the remodeling,"

said Warren Oliver, assistant administrator. "We are able to serve about 20 more patients daily than before."

The 1903 building stood alone until 1942 when a wing was added. In 1944 another wing was built. Then, in 1962, a modern nurses' home for 60, costing \$1,000,000, was opened. It includes teaching facilities on the first floor and living accommodations in the three floors above.

Opening of the nurses' home left empty space in the old building which was originally an operating room. This space was put to use in the remodeling program and, as a result, Leigh Memorial now has 29 geriatric beds, 28 maternity beds, 147 medical-surgical beds and seven intensive care beds.

The new lobby is air-conditioned, wood-paneled and contains 1,450 square feet. Just off the lobby, in rooms formerly used for patients, are two public

rest rooms. Also off the lobby and in remodeled portions of the old building are the business manager's office and two admitting offices.

Three new, high-speed, automatic elevators replaced three which were interminably slow.

Also included in the remodeling were all new, aluminum windows whose out-sides can be washed from inside, lowering the ceilings from 12 feet to nine feet, installing individual room cooling and heating units and laying vinyl tile on the floors.

Furnishing the rooms in the remodeled portion cost another \$50,000 and the entire hospital now has automatic, electric beds. Each room has toilets and wash basins.

Also installed in the 1903 building was a built-in oxygen system. The furniture, too, was designed for easy maintenance and cleaning—the cabinets are suspended from the wall instead of resting on the floor.

Another feature of the work is a brick wall which joins the new lobby and the nurses' home and screens the hospital parking lot from visitors using the front entrance.

Contractor for the work was Walter T. Gregory Construction Corp. Cost of the work was borne by individuals and hospital savings inasmuch as it's a policy of the trustees that, where possible, no public funds be used for such work.

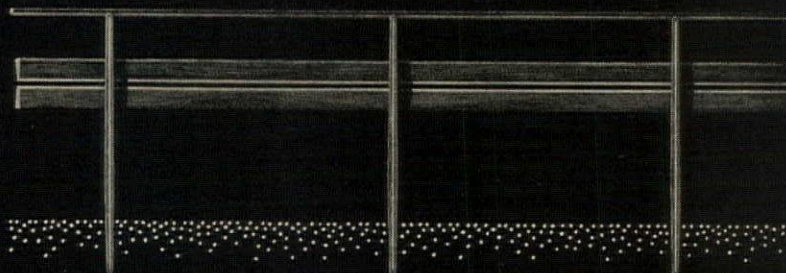
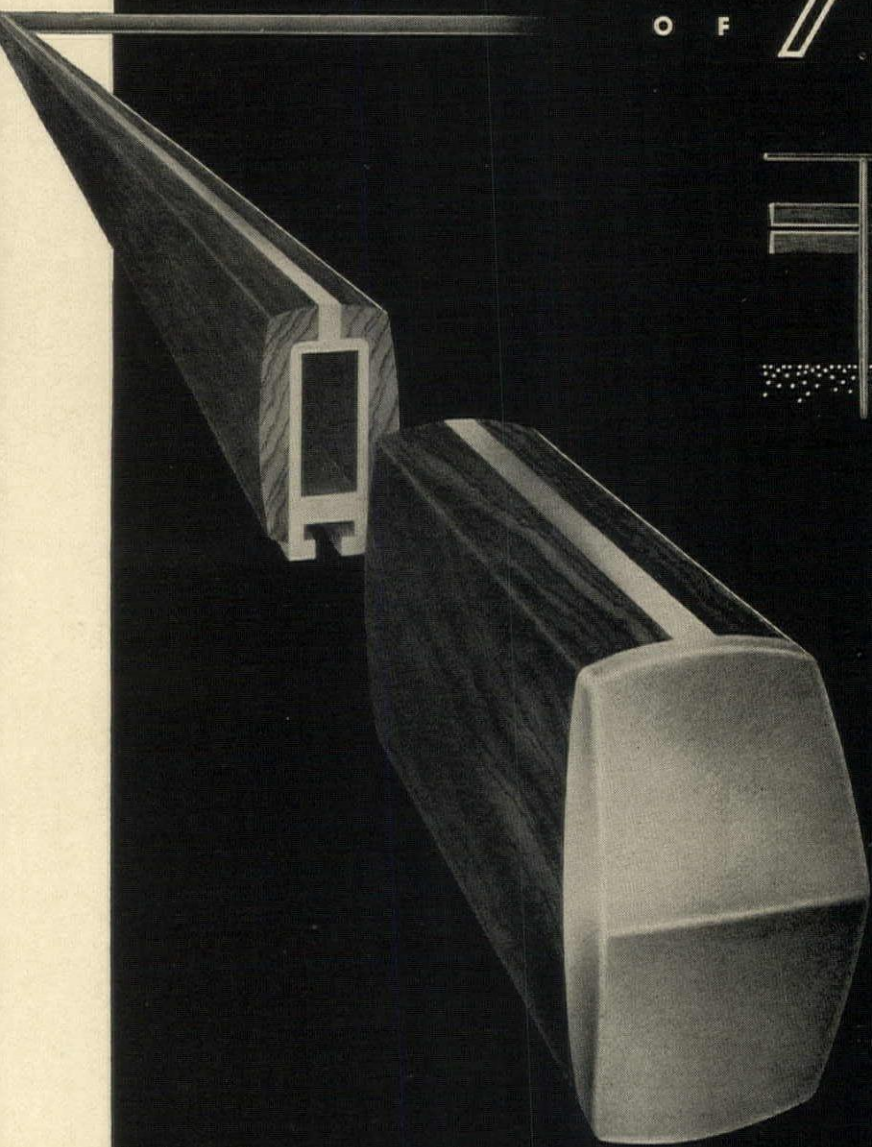
SUBCONTRACTORS & SUPPLIERS

Haughton Elevator Co., Div. of Toledo Scale Corp., Toledo, Ohio, vertical transportation; High Point Sprinkler Co., Inc., High Point, N. C., sprinkling system; Laurence Trant & Co., Norfolk, metal partitions; Brown & Grist, Inc., Newport News, metal windows; Roof Engineering Corp., Norfolk, roofing, sheet metal; Febré & Company of Norfolk, Inc., plastering; Grover L. White, Inc., Norfolk, tile; Ferrell Linoleum & Tile Co., Inc., Norfolk, terrazzo; Seaboard Paint & Supply Co., Inc., Norfolk, finish hardware; Snow, Jr. & King, Inc., Norfolk, stone work; Building Supplies Co., Div. of R. F. Trant Distributing Corp., Norfolk, architectural metal.



Blumcraft

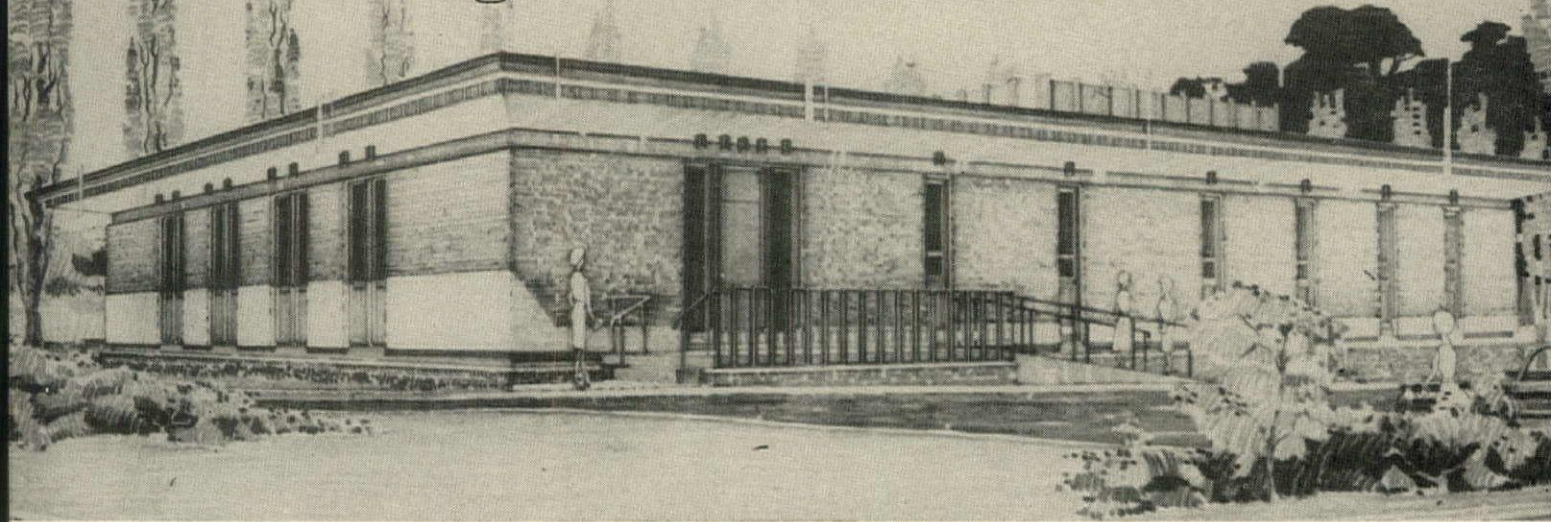
O F P I T T S B U R G H



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Complete 1964 catalogue available from Blumcraft of Pittsburgh, 460 Melwood St., Pittsburgh 13, Pa.

Lynchburg Medical Facility



CLARK, NEXSEN & OWEN: Architects

WILEY & WILSON
Electrical & Mechanical Consultants

WILLIAM T. ST. CLAIR
Structural Consultant

FRED B. FUQUA
General Contractor

THE THOMSON DRIVE MEDICAL BUILDING is located in the geographical center of the city near the largest hospital in the city. Total space provided is approximately 5000 sq. ft. The six examination rooms, four offices and two recovery rooms are located on the exterior perimeter walls and a central core provided which contains the business office, X-ray room, central supply and staff lounge. The waiting

SUBCONTRACTORS & SUPPLIERS

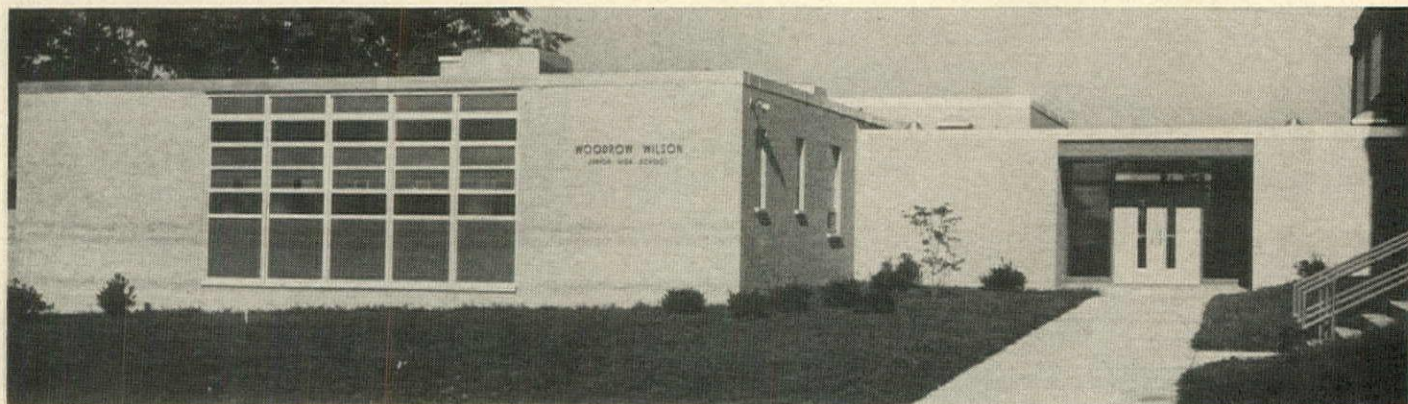
(All Lynchburg firms unless otherwise specified)
Dornin-Adams Co., roofing, waterproofing; Montague-Betts Co., Inc., windows, window walls; Lynchburg Plate Glass Co., glazing; W. Morton Northen & Co., Inc., Richmond, acoustical, resilient tile; Kennedy's Linoleum Shop, ceramic tile; Trovato Electric Co., Inc., Roanoke, electrical work; Bill Moseley, plumbing; Moseley Bros., Inc., air conditioning, heating, ventilating.

room extends across the full width of the building providing immediate contact with the reception area and direct access to the corridors serving the medical areas.

Interiors have varied finishes of plaster, tile and wood paneling. Acoustic tile ceilings are provided throughout. Partitions separating examination rooms and offices are double-stud sound

(Continued on page 81)

DANVILLE SCHOOL ADDITION: Woodrow Wilson Junior High School



CALVERT & LEWIS: Architects

JOHNSON & WATKINS, ENGINEERS
Mechanical & Electrical Consultants

L. P. COX COMPANY
General Contractor

THE ADDITION to the Woodrow Wilson Junior High School, Danville, included several much needed improvements. The primary facilities required were a new kitchen and cafeteria for a student body of 480. Also included were new toilet facilities and a new

band room.

The structure contains its own heating plant and was designed for future air conditioning. The new building is connected with the existing structure by an entrance foyer-corridor which also contains the new restroom facilities.

The architects utilized the contour of the site to provide the lower level band room with outside light and exit facilities, while maintaining a simple one-story structure from the street elevation. This allowed the addition to harmonize

(Continued on page 70)

Owner: Wachovia Bank
and Trust Company,
Raleigh, N. C.

Architect: A. G. Odell, Jr.,
and Associates,
Charlotte, N. C.

Contractor: T. A. Loving
and Company,
Goldsboro, N. C.

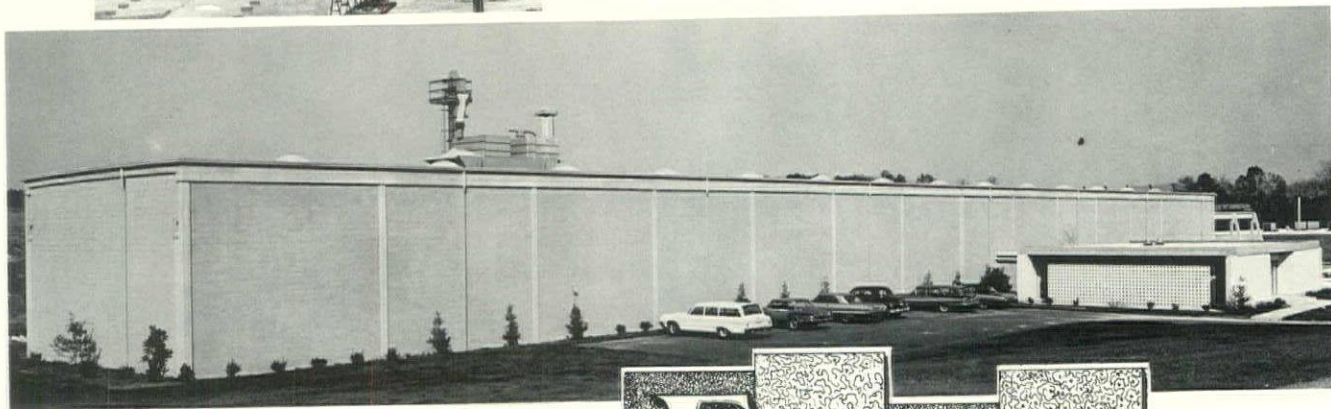
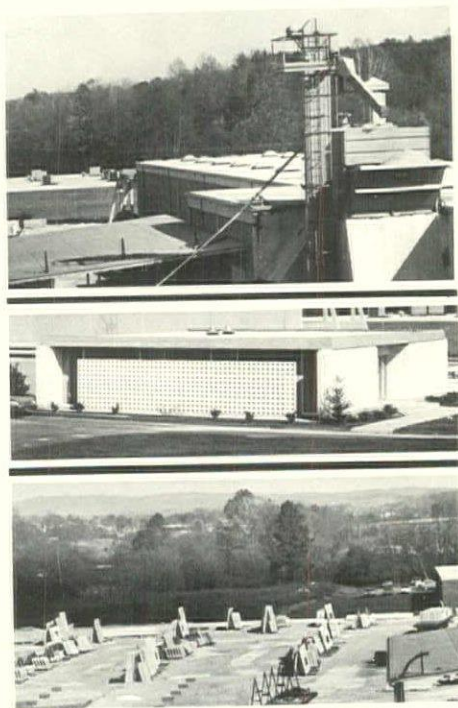


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DIXIE EXPOSAIC, INC.

MOUNT AIRY, NORTH CAROLINA

KNOX PRESBYTERIAN CHURCH

STRANG & CHILDERS, AIA
Architects

● Located on Arlington Boulevard near Pine Springs community in Falls Church, Knox Presbyterian Church was dedicated in May 1963. The main unit includes a sanctuary on the upper level with classrooms and church offices on the lower level. This structure is connected to the older fellowship hall by an entrance unit consisting of a lobby and lounge on the sanctuary level and toilets and mechanical space on the classroom level.

The nature of the existing fellowship hall determined several elements. The existing floor elevations were continued into the new building to eliminate interior stairs and, because of grades, the sanctuary floor is a full story above grade at the chancel wall. The results are abundant: natural light in the new classrooms and a chancel wall which is a dominant feature in the community. Access for invalid worshippers was a requirement and, because of the sloping site, necessitated a ramp to the entrance level. This ramp, which was



a design problem, was turned into a design feature, in conjunction with the terrace and the adjacent brick screen walls. Although the existing building is of traditional derivation, the architects made no attempt to extend this influence in details, but attempted to

obtain unity through continuation of material, color, and texture.

The eastern wall of the sanctuary is accented by a pre-cast concrete Celtic cross with inset colored glass. The layout and forming of the cross was executed under the direct supervision of Mr. Carosi of Arban and Carosi, Inc. Pews and chancel furniture, including the baptismal font, were designed by the architects. Close cooperation between the architects and the acoustical consultant resulted in excellent acoustic characteristics in the sanctuary.



KENDRICK & REDINGER Mechanical Consultants

LEO F. MULQUEEN Acoustical Consultant	MEADE PALMER Landscaping Consultant
W. BRADLEY TYREE General Contractor	CHARLES O. EVERLY Structural Consultant

SUBCONTRACTORS & SUPPLIERS

Mimsco Metal Products Co., Alexandria, hand-rails, steel fabrication; Unit Structures, Magnolia, Ark., roof deck, structural wood; Perrin & Martin, Arlington, roofing; Commonwealth Cast Stone, Inc., Alexandria, stone work; Pella Products, Pella, Iowa, windows; Fairfax Glass Co., Fairfax, glazing; Falls Church Paint Co., Falls Church, painting; Southern Floors & Acoustics, Inc., Arlington, acoustical, resilient tile; Dodd Bros., Inc., Falls Church, plaster; Standard Art, Marble & Tile Co., Washington, ceramic tile; Virginia Millwork Corp., Arlington, millwork; Shone Products, Washington, steel doors and bucks.

Capital Lighting & Supply, Inc., Alexandria, lighting fixtures; B-J Electric Corp., Alexandria, electrical work; Baco Co., Inc., Arlington, plumbing (American-Standard fixtures), air conditioning, heating, ventilating; Lester's Hardware, Springfield, hardware; Arban & Carosi, Inc., Alexandria, layout and fabrication of concrete cross; Nobis Decorating Co., Inc., North Canton, Ohio, faceted glass in cross; Winebarger Corp., Lynchburg, pews and chancel furniture.

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



HOSPITAL AND DEPARTMENT STORE

BY BERNARD B. SPIGEL, AIA

■ Recently opened, the Miller & Rhoads branch store in the Newmarket Shopping Center, Newport News, is an ultra modern retail facility. Covering an area of 70,000 square feet, the store offers a full line of merchandise on one floor.

The interior layout has been designed so as to make shopping as attractive as possible for the customer. Soft colors,
(Continued on page 70)

■ The City of Norfolk is currently engaged in the development of an extensive modernization program for Norfolk Community Hospital. The ultimate program, which is estimated as costing in excess of three million dollars, aims at making this hospital into a modern comprehensive 210 bed facility.

The scope of the work includes the construction of new outpatient, emer-
(Continued on page 74)

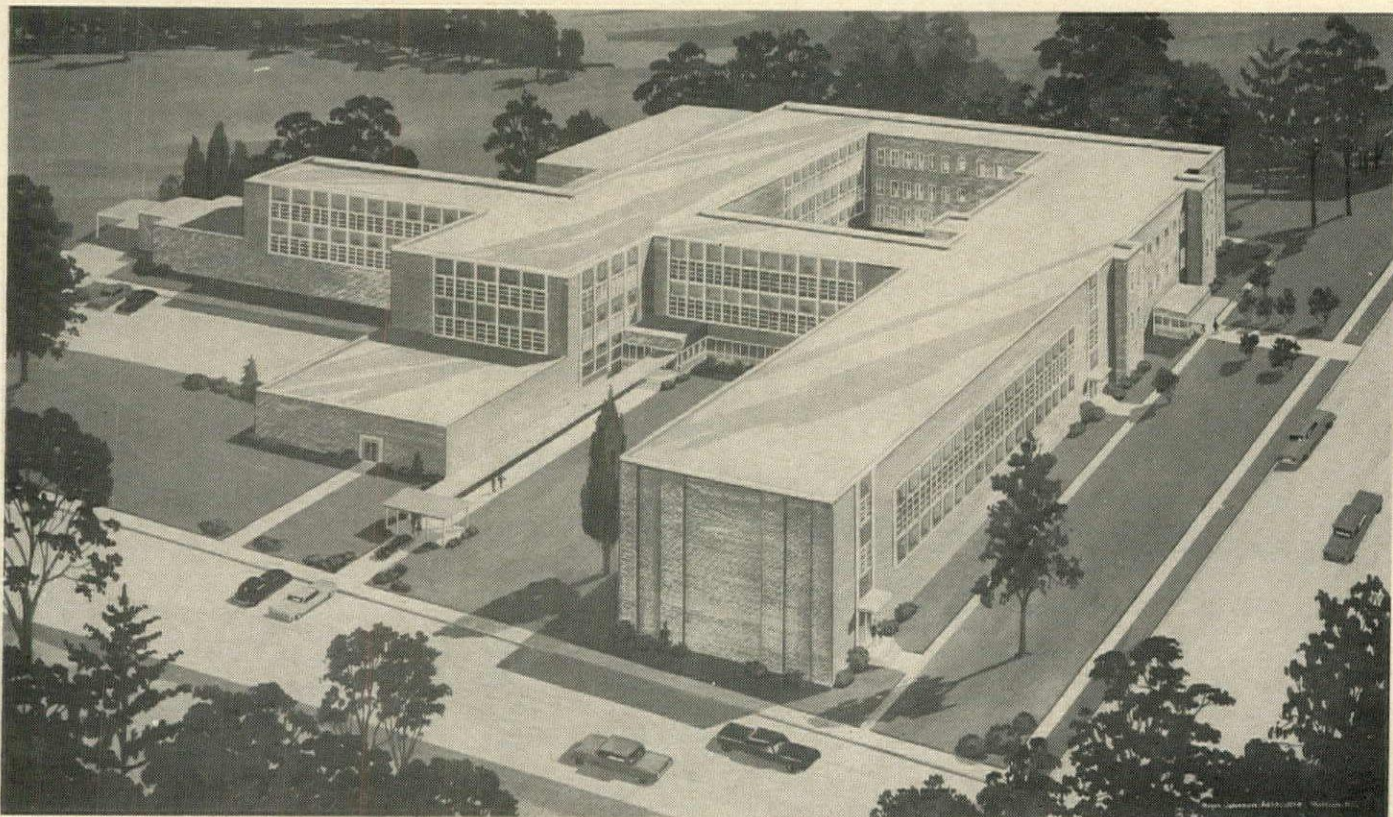
▲ MILLER & RHOADS

EDWIN B. SMALL
Structural Consultant

BROCHSTEIN (Dallas, Texas)
Interior Designer

SANGER, BEALE & ASSOCIATES
Hospital Consultants

▼ NORFOLK COMMUNITY HOSPITAL



VMI ADMINISTRATION BUILDING

—FRANCIS H. SMITH HALL—

E. TUCKER CARLTON, AIA: Architect

■ For the first time in its history, all administrative offices of the Virginia Military Institute at Lexington are under one roof. Dedicated on the 100th Anniversary of New Market Day, Francis H. Smith Hall, the new administration building, honors the first superintendent of the Institute.

Overlooking the full sweep of the parade ground, the three-story-and-basement structure houses all administrative offices of the famed VMI, as well as the offices of the VMI Foundation and VMI Alumni Association. From the first floor oriel windows, the superintendent, Major-General George R. E. Shell, can watch the Corps of Cadets in maneuvers on the field, or the various formations as they march to the academic buildings surrounding parade.

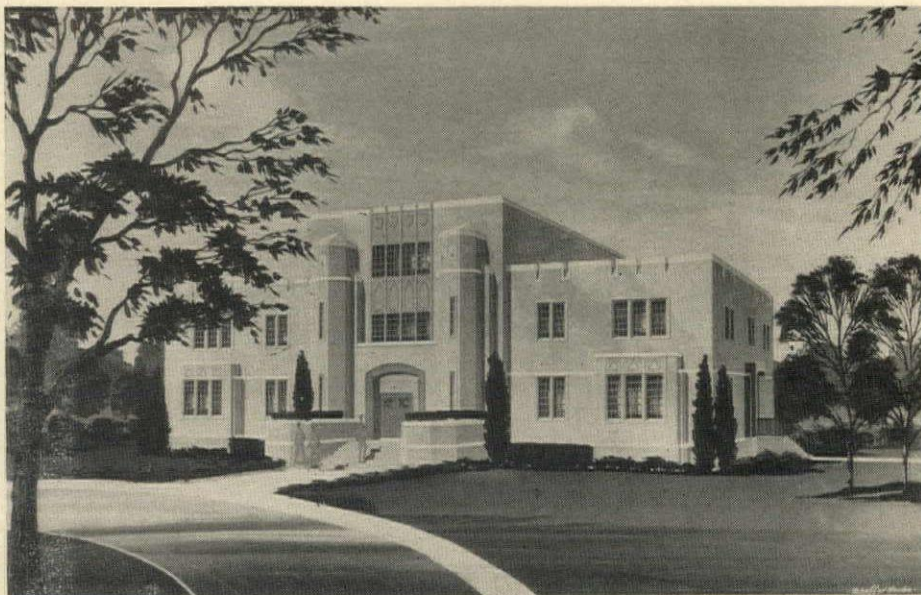
The limestone-trimmed, stuccoed structure conforms to the basic military Gothic design of the Institute's buildings and complements the adjacent George C. Marshall Research Library. The structural steel frame is designed to provide additional office spaces on the third floor level.

Provided with underfloor electrical and communication systems distribution, interior office arrangements may be varied as the growth demands. The complete system of winter and summer air conditioning is distributed through a pressure duct system for most spaces. The offices of the superintendent, the dean, and the military executive officer are equipped with ventilating-type ceilings. Rheostat-controlled cove lighting permits perfect control of light intensity in the superintendent's office.

The installation of all file cabinets in specially designed wall recesses permitted the construction of storage cabinets and book shelving over these areas, eliminating the usual clutter found where such files are widely used. Acoustically treated spaces are provided in the lowest level for duplicating and reproduction machines and for a small computer operation.

The entrance lobby is paneled with Ozark rose marble and the seal of VMI, cast in bronze, is set in the rose and white terrazzo floor.

Two exterior items are causing conversation among the Keydets and the board of visitors. Set into the top



panels of the limestone front are four bas-relief carved white marble shields, each representing one of the four words found on VMI's highest medal award, the New Market Medal. Presented to the widow of General George Catlett Marshall at the dedication services of the Marshall Library Building, the medal represents the greatest attributes of Honor, Leadership, Loyalty, and Faith. To provide the board of visitors and distinguished guests an elevated reviewing stand, the roof area over the right side of the second floor was finished with a smooth surfacing material, permitting the reviewers a birds-eye view of the battalion maneuvers during parade.

B. F. Parrott & Co., Inc., the general contractor, of Roanoke, did the work on foundations, masonry and carpentry. Principal subcontractors and suppliers included the following:

Chas. W. Barger & Son Construction Co., Inc., Lexington, concrete, excavating; Valley Steel Corp., Salem, reinforcing steel; Roanoke Iron & Bridge Works, Inc., Roanoke, steel; Inland Steel Co., Baltimore, Md., roof deck, steel roof deck; Carthage Marble Co., Carthage, Mo., marble; Leonard Smith

Sheet Metal & Roofing, Inc., Salem, roofing; Ingalls Stone Co., Bedford, Ind., stone work; Welton Company, Richmond, (Hope's) windows; Pittsburgh Plate Glass Co., Roanoke, hand-rails, glazing; E. Caligari & Son, Inc., Norfolk, painting.

Also Aquabar Company, Philadelphia, Penna., waterproofing; W. F. Hoy, Staunton, insulation (Zonolite Monokote), plaster; W. Morton Northen & Co., Inc., Richmond, acoustical, resilient tile; Joe Rainero Tile Co., Inc., Bristol, ceramic tile, terrazzo; John W. Hancock, Jr., Inc., Roanoke, steel joists; Valley Lumber Corp., Roanoke, millwork; The Staley Co., Inc., Richmond, steel doors and bucks; J. M. Murphy Co., Inc., Roanoke, electrical work; Noland Co., Inc., Richmond, plumbing fixtures (American Standard); Harris Heating & Plumbing Co., Inc., Richmond, plumbing, air conditioning, heating, ventilating.

Other suppliers were Nelson Roanoke Corp., Roanoke, finish hardware; J. A. Deatherage Stone Co., Greensboro, N. C., granite steps; Westbrook Elevator Mfg. Co., Inc., Danville, elevator; Marsteller Corp., Roanoke, roof coating.

ROBERT S. SPRATLEY & ASSOCIATES
Mechanical Consultants

WILLIAM T. ST. CLAIR
Structural Consultant

B. F. PARROTT & CO., INC.
General Contractor



CHATHAM PRODUCTION CREDIT ASSOCIATION

JAMES H. LAW, JR.
Architect
Interior Designer

LEMUEL CARTER
Contractor-BUILDER

● When the new Board of Directors of the Federal Land Bank Association and the Chatham Production Credit Association decided to build a suitable office building to serve its active membership of 1,000 farmers, several requirements were paramount at the outset. Among these were a building lot large enough to include off-the-street parking facilities for employees and customers and within walking distance of the business center of the county seat of Pittsylvania County. It was felt that a modified Georgian type of architecture was well adapted to the community and lent itself well to an interior arrangement suitable for efficient performance of employee duties in conducting the farm lending activities of the locally owned institutions.

For the accomplishment of these objectives James H. Law, Jr. was employed as the architect for the building. Upon approval of the building plan, J. Lemuel Carter was employed as construction foreman on a cost of labor and materials basis.

Because of the lack of community facilities for various civic and public meetings, it was further felt that a full basement including an assembly room which would accommodate from 40-50 persons would be possible without materially increasing the anticipated cost, and such facilities were incorporated in the general plan.

As one enters the front entrance, he finds himself in a main lobby which is separated from the clerical area by a counter under which space is provided for office supplies. Directly in rear of the clerical area, there is a completely enclosed bookkeeping room. A large plate glass in the front of this room gives the employee a full view of the front and provides a means of control of the front area when working alone.

To the right of the lobby one finds a spacious office furnished in cherry paneling and red oak flooring and equipped with an open fireplace. This room serves the dual role of being used as the manager's office and director's meeting room. To the rear are located the restrooms and the ladies' lounge.

On the left of the entrance and directly off the lobby is an assistant manager's office which connects with a file room where are located individual records, accounting files and other records. This room also has an entrance way to the clerical area.

By means of a small hallway, one may enter a smaller office which provides suitable space for visiting supervisory

personnel to conduct audits and credit examinations. From this office a stairway leads to the spacious finished attic. A circular stairway leads from the hallway to a small lobby adjacent to the public assembly room.

On the basement level one finds a restroom, utility room, storage room, and the assembly room which includes an open fireplace adorned by a mantel that was formerly a part of the original clerk's office of Pittsylvania County and estimated to be about 200 years old. An outside stairway provides a public entrance to this level.

(Continued on page 80)



New Office For Stanley Furniture Co.

• A new office building for Stanley Furniture Co., at Stanleytown, was recently completed at a cost in excess of \$600,000.

The 61,000 square foot building was designed by Architect J. Coates Carter of Martinsville.

The building features a crisp, modern design with an exterior of white glazed brick trimmed in cast stone. In addition to all the general office facilities of the company, the building will also house a design studio, sample department and showroom facilities.

Research and development for new furniture lines are carried out in the design studio. In the adjacent manufacturing department, these designs are translated into samples. This sample department in itself is as fully equipped as the main plant facilities of many furniture firms.

A completely separate department within the building contains an IBM 1440 computer system—the newest on the market. There is also a meeting room, equipped with the latest audio-visual equipment and capable of seating 100; Personnel and Employee offices, with attractive waiting rooms for prospective employees, and a Visitors Lounge and telephone area.

A cafeteria provides lunches for office employees. The main dining area is served on the "automat" principle, with an adjacent kitchen for additional food service.

Located at the west end of the 80 acre Stanley industrial tract, the new building was carefully planned with ample provision for future expansion.



(Remsen Studios)

J. COATES CARTER, AIA:
Architect

RAYFORD B. SMITH
Structural Consultant

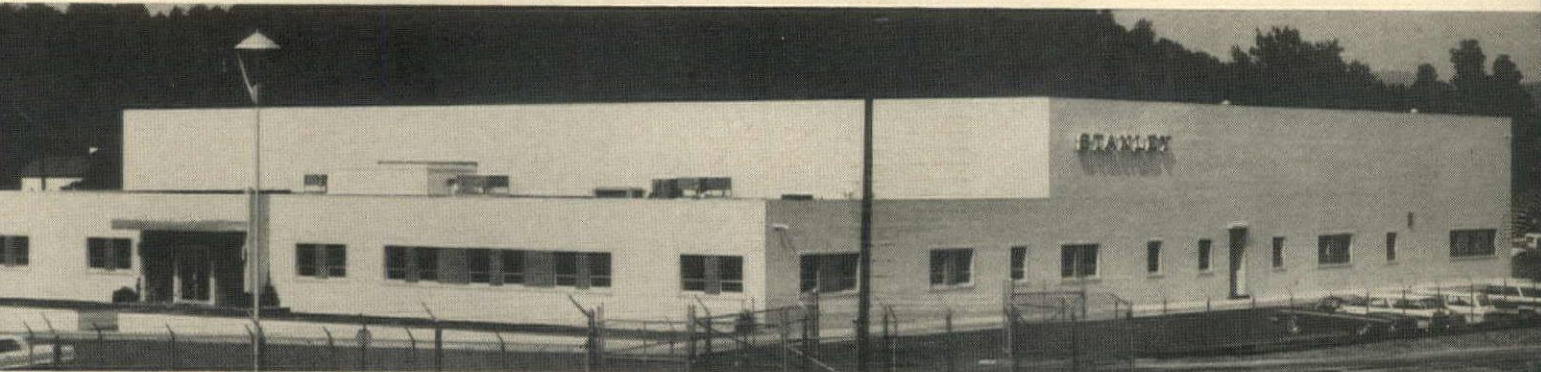
SOWERS, RODES & WHITESCARVER
Mechanical Consultants

L. P. COX COMPANY
General Contractor

L. P. Cox Company, of Sanford, North Carolina and Collinsville, Virginia, was general contractor with the following subcontractors and suppliers:

Doyle Ready-Mixed Concrete Co., Inc., Bassett, concrete; Easterby & Mumaw, Inc., Raleigh, N. C., steel; Southern Roof Deck Co., Inc., Roanoke, roofing; Economy Cast Stone Co., Richmond, stone work; Alden Steel Products, Greensboro, N. C., windows; Richard L. Shough, Martinsville; painting, waterproofing; The Danville

Lumber & Mfg. Co., Danville, paneling, millwork; Shields, Inc., Roanoke, acoustical; Marus Marble & Tile Co., Inc., Greensboro, ceramic tile, terrazzo; Colonial Flooring & Acoustical Co., Durham, N. C., resilient tile; Wholesale Builders Supply Co., Roanoke, metal doors and frames; Cooper Electrical Construction Co., Greensboro, electrical work; T. S. Minter Plumbing & Heating, Martinsville, plumbing; Bullock & Humble, Greensboro, air conditioning, heating.



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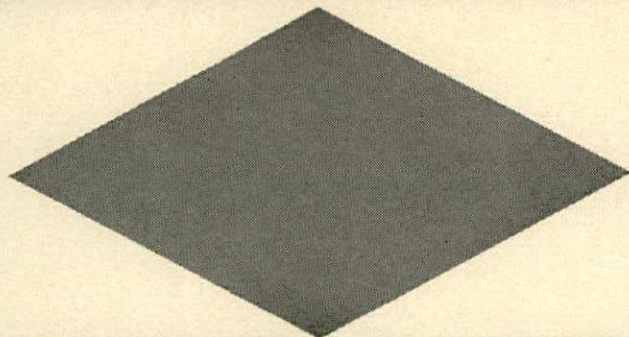
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Painting contractor for Walsingham Academy,
page 63, and NASA Laboratory, page 23



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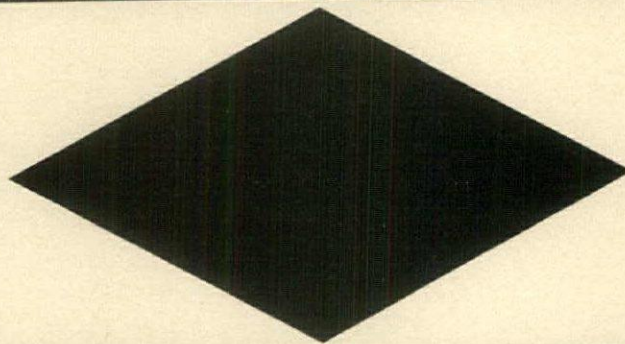
525 Lynn St.
DANVILLE, VIRGINIA

See the Woodrow Wilson
Junior High School,
page 30

I. N. McNEIL ROOFING and SHEET METAL WORKS

Rocky Mt. Road DI 4-4698
ROANOKE, VA.

Roofing contractor for the South Roanoke Nursing Home,
page 45





(Acme Photo Co., Inc.)

Virginia Beach Residence

● Virginia Beach Architect William Burton Alderman recently completed this residence for his brother, Ernest, on Lee Road at the beach.

As it was the third house his brother had built, the family was able to contribute numerous ideas on planning.

Called an informal but Early American type house, it contains a number of interesting innovations. Mrs. Alderman, with her interests in interior design, was able to contribute many ideas to the planning process.

On the first floor is a pine panelled entry in which paintings by the family are hung gallery-fashion and spotlighted, a guest room with a bath containing a decorative vanity, and a large

living room with an arched fireplace. Also on this level is a large kitchen containing all built-in equipment and large enough for a round breakfast table and a family room 20 by 24 feet finished with exposed beams and trusses and a specially designed roof deck. The stair to the second floor is adjacent to this space and has been simplified by facing it to the rear of the house. The connecting garage contains the heating and air conditioning equipment.

The upper floor contains a 15 by 30 foot master bedroom which has a fireplace and built-in desk divided by a window seat with storage below. Off the master bedroom is the split

WILLIAM BURTON ALDERMAN, AIA
Architect

ERNEST H. ALDERMAN, JR.
Owner-General Contractor

bathroom which has access also from the hall joining the other two bedrooms. All bedrooms have walk-in closets and stairs to the attic playroom are off the main bedroom.

The exterior walls are all brick veneer except the front of the house, the garage and the family room wings for easy maintenance. The grounds are fully landscaped.

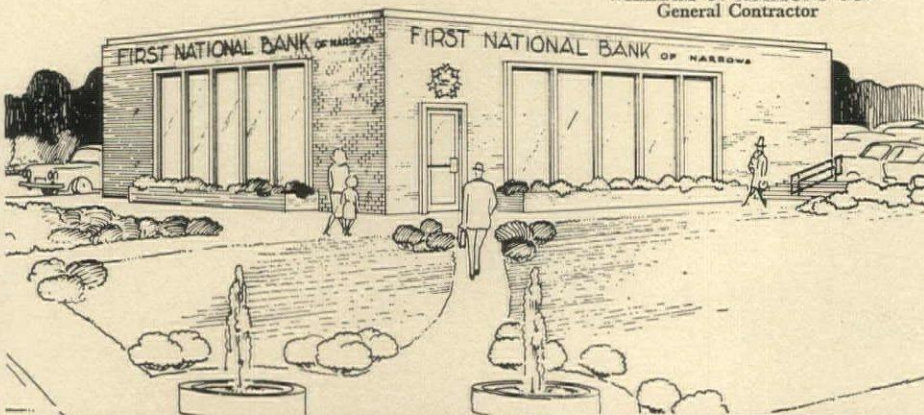
The owner, serving as general contractor, did the interior design and also the work on excavating, foundations, and waterproofing. Subcontractors and suppliers, all Norfolk firms unless otherwise noted, included the following:

Southern Materials Co., Inc., concrete material, structural wood; Ray
(Continued on page 73)

Pearisburg Office, First National Bank of Narrows

WELLS & MEAGHER
Architects

WILLIAM G. SIMMONS CO.
General Contractor

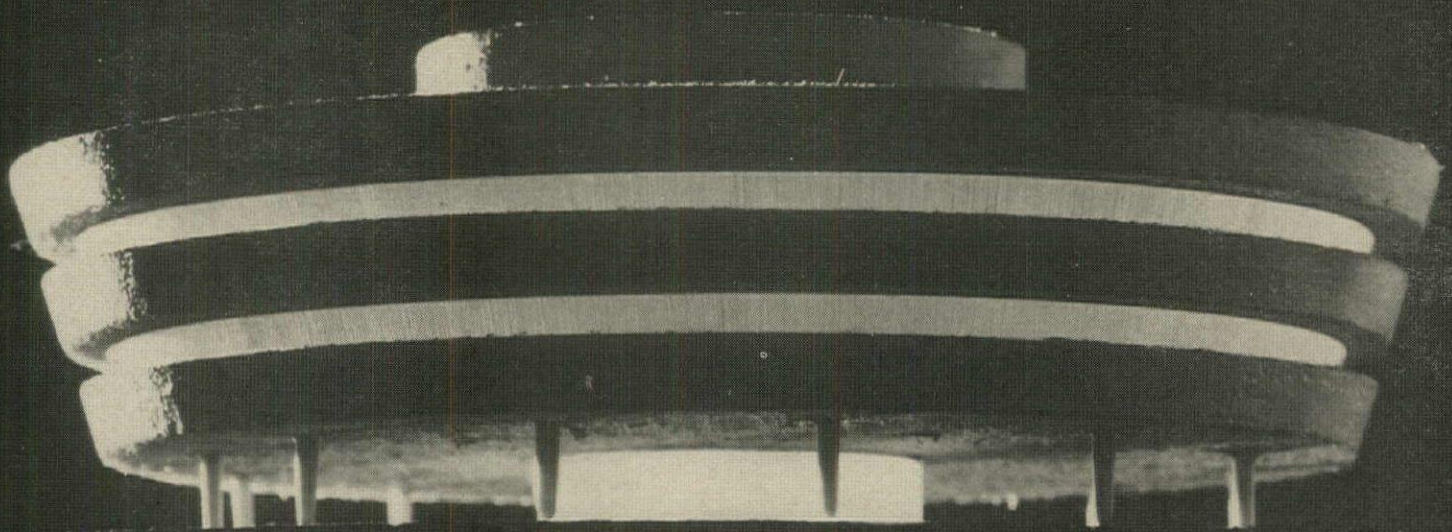


● The Pearisburg Office of the First National Bank of Narrows, now under construction, will be completed early in 1965.

Located at the corner of Woodrum Street and Wenonah Avenue (Route U. S. 460), the site is easily accessible for drive-in banking facilities and on-site parking. The site, in addition to having ample parking space, will be attractively landscaped and include, as the main feature of interest, two fountains.

The building will contain a foyer, public lobby, tellers area, open officers area, vault, conference room, lounge and rest rooms.

Exterior finish is of face brick. Interior finishes will consist of carpet, ter-
(Continued on page 81)



PROJECTED RICHMOND OFFICE BUILDING

HAIGH JAMGOCHIAN: Architect

W. J. BLANTON
Structural Consultant

ROBERT S. SPRATLEY
Mechanical Consultant

BRANDT & MORSE
Electrical Consultant

ALBERT ARDMAN
Interior Decorator

ALEXANDER ALEXANDER
General Contractor

MARKEL SERVICE, INC., a nationwide truck and bus insurance company, has outgrown its facilities and must provide new quarters for their home office by next summer.

The goal is to build on a site adjacent to their present location in the Willow Lawn area of west Richmond. The site is small and is subject to flooding from a nearby creek and a drainage ditch which crosses the property.

The owners want a readily identifiable symbol with internal flexibility of the highest order. Requirements are for 13,000 square feet of office space which could be doubled in the future. Provision must be made for employees in wheel chairs, and for parking, loading and unloading, and other conventional facilities. Budget for the project is half

a million dollars, exclusive of interior work and the floor drainage.

Designed by Haigh Jamgochian of Richmond, the solution is in the form of a circular building allowing total flexibility.

According to the architect, in addition to the flexibility the shape meets the demand for a compact package on a small site and provides for a maximum use of natural light. He says that a circular building casts 23% less shadow (at noon) than a square building of equal area, of which an additional 6% can be eliminated by tapering the exterior wall by 15 degrees. The circular shape also permits diagonal framing of the building without loss of orientation to the street.

Also, Jamgochian points out, for the

Richmond area this would be a readily identifiable building.

The building is designed on stilts which contributes to the solution of the on-site parking problem, as well as to the flooding problem. All mechanical equipment is situated in the pent-house. The column locations take into account the drainage culvert as well as convenient parking dimensions. The structure is a radiating 12 beam system with cantilevered ends, allowing ample clearance of piers from property lines even though tapered 15 degrees.

Three stories tall, the building will be 158 feet in diameter. It will have concrete exterior walls, grey tinted windows in aluminum frames and concrete floors.

SIDNEY'S FASHION STORE, MARTINSVILLE

WELLS & MEAGHER
Architects

LEIF VALAND & ASSOCIATES
Associated Architects

SOWERS, RODES & WHITESCARVER
Mechanical & Electrical Consultants

RICHARD C. BELL ASSOCIATES
Landscape Architects

MARTIN BROS.
CONTRACTORS, INC.
General Contractor

• Sidney's Fashion Store incorporates a unique concept for its downtown store building in Martinsville. Entrance to the store is through a landscaped court which features an illuminated stepped pool and fountain. The paved brick patio extends into the store entry. Ornamental wrought iron is used at the entrance canopy and the show windows and is also repeated inside.

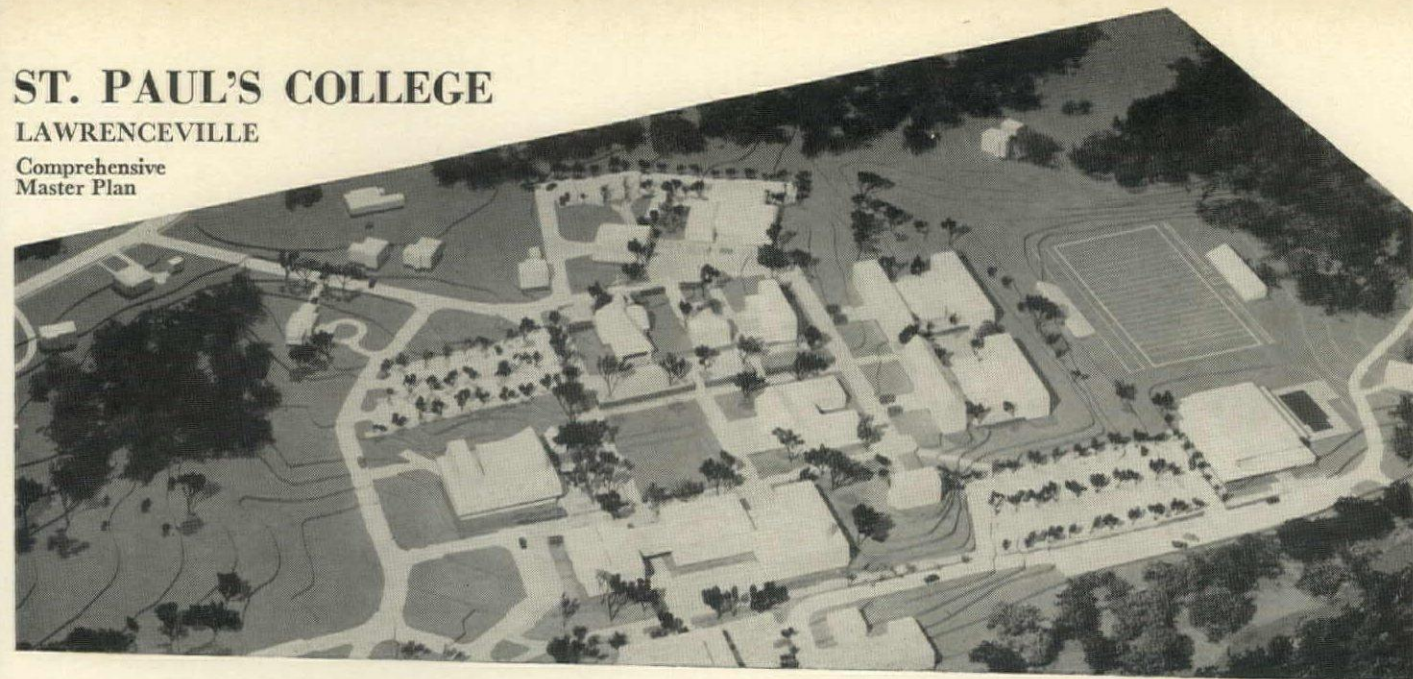
(Continued on page 73)



ST. PAUL'S COLLEGE

LAWRENCEVILLE

Comprehensive
Master Plan



OLIVER & SMITH, AIA: Architects & Planners

A COMPREHENSIVE MASTER PLAN for St. Paul's College, Lawrenceville, indicates that the existing buildings worth retaining form a good nucleus for the new campus.

Under the plan, prepared by Oliver and Smith, Architects and Planners, eight of the college's existing buildings would be retained and 12 new buildings or additions would be constructed.

Cost of the improvements, which would permit the college to enroll 700 students, is estimated at \$5,395,000. The improvements include two dormitories, health and physical education building, learning resources center, addition to general classroom building, alterations to fine arts building, auditorium, chapel, student union, president's house, library addition, infirmary alterations, sewage, water and power supply work, practice swimming pool, site work and landscaping.

St. Paul's College was founded in 1888 as a normal and industrial institution by James Solomon Russell, a young Protestant Episcopal deacon.

In 1941 it obtained authority to grant degrees on a four-year program. It is a member of the Southern Association of Colleges and Secondary Schools and affiliated with the Protestant Episcopal Church in the United States, the Foundation for Episcopal Colleges, the United Negro College Fund and the American Church Institute of the National Council of the Protestant Episcopal Church.

St. Paul's College is now serving a student body of 496 in an inadequate physical plant.

In 1962 Oliver and Smith were commissioned to review the physical plant and report on the most effective means of developing it. The report, completed recently, was prepared in collaboration with Dr. Floyd G. Parker, Associate Professor of Education, and Joseph M. Prochaska, Assistant Professor, School of Urban Planning, both of the Michigan State University.

The comprehensive plan was developed around present buildings of architectural merit or structural quality that justifies their inclusion in the new campus. More than 40 buildings on the campus failed to meet these requirements and will be removed.

The master plan divides the campus functions into four areas—authority, social, academic and community—some of which overlap.

The plan for the area of authority function calls for a new chapel, campus center and president's house. A new dining hall is under construction. The president's office, the dean's and admissions offices would be retained. The dining hall will be air-conditioned.

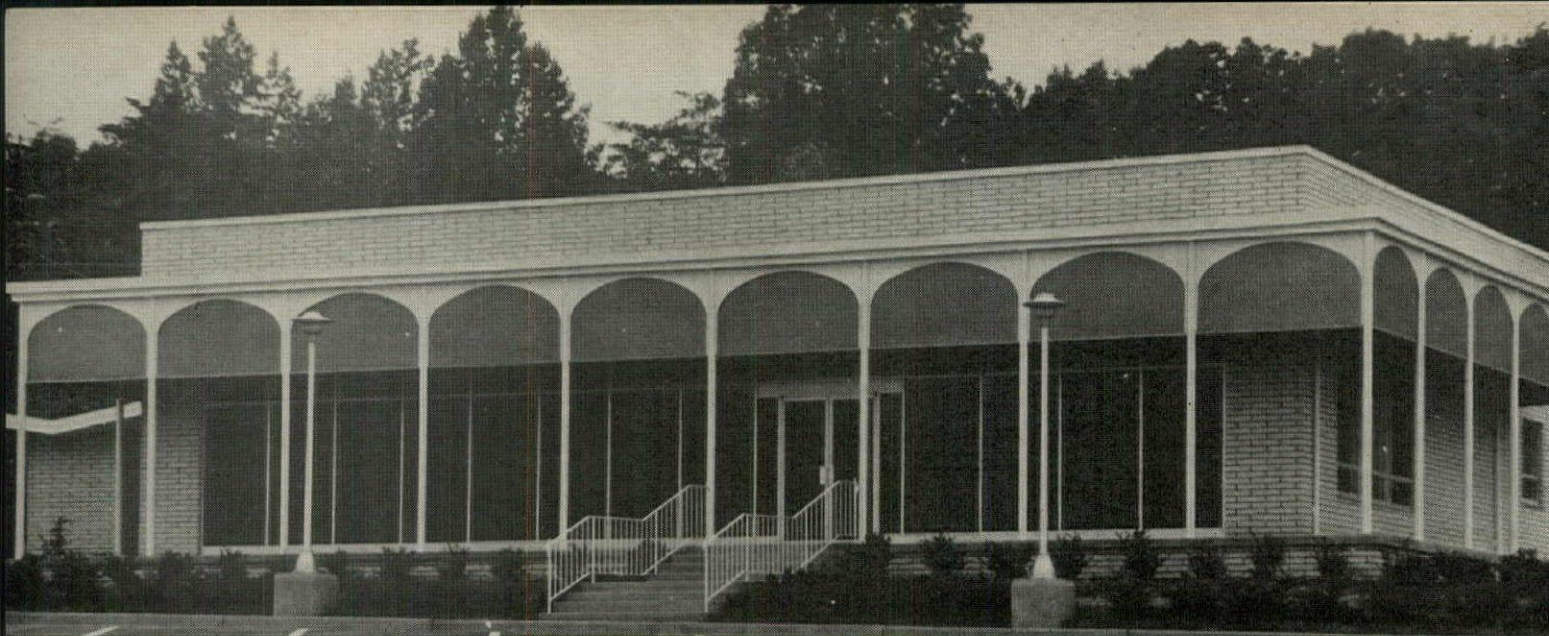
The plan for the area of social function calls for a new girl's dormitory, boy's dormitory and a commons for each. The commons will include seminar rooms, lounge and laundry facilities, and space for soft drink and ice cream machines. The dormitories will house about 400 students each. The dining hall, also included in this function, will have a student store and soda shops.

The plan for the area of academic function is developed around two existing buildings—Chicago Building and Brown Hall. The learning resources center and additional classrooms and instructors' offices would be added to Brown Hall. Part of this area would be a new health, physical education building which would provide a regulation basketball court, stage, bleachers seating 800, student dressing and locker rooms, team rooms and sleeping quarters. Nearby would be a practice swimming pool and exercise field.

The plan for the area of community function calls for a new chapel, campus center building, the dining hall, and the auditorium which will seat 600 to be the cultural center of the community. A historical building will be preserved as a museum and to indicate the physical beginnings of the college.

New construction under the comprehensive master plan does not interfere with any required existing facilities. No provisions were made for faculty apartments or fraternities and the architects noted that these should not be a major element in the campus complex.

No schedule for implementing the master plan has been adopted although, as has been noted, the dining hall is under construction and preliminary planning has been done on the gymnasium. No priority has been established for implementing the physical plant.



QUANTICO BANK BRANCH IN WOODBIDGE

ALLEN J. DICKEY
Architect

KENDRICK & REDINGER
Mechanical Consultants

DUNCAN GRAY
Structural Consultant

LEON HARRIS
(American Furniture & Fixture Co., Inc.)
Interior Designer

R. H. ELROD CONSTRUCTION CO.
General Contractor

THE MOST RECENT addition to the banking facilities in the mushrooming Northern Virginia area is the Woodbridge Branch of the First National Bank of Quantico. Situated on U. S. Highway #1 across from a major shopping center, the one acre site slopes down to the highway, providing an elevated and commanding view of the building for some distance in all directions.

This new branch provides the community with eight tellers including two drive-in windows, night depository and approximately 50 parking spaces. The spacious lobby with terrazzo floors, flanked with the carpeted officer's platform for four officers and one confer-

ence room, has been decorated and provided with teller's windows and furniture by Leon Harris of the American Furniture and Fixture Company, Inc.

(Continued on page 70)

Total area	3,487 sq. ft.
Total volume	54,729 cu. ft.
Site improvements	\$ 14,473.00
Heating & air conditioning	9,975.00
Plumbing	3,542.00
Electrical	9,800.00
Structural	64,532.00
Total construction cost	\$102,322.00
Banking equipment (provided by owner)	19,800.00
Furniture, fixtures & decor	17,000.00
Total project cost	\$139,122.00

SALEM COMMUNITY CENTER

CHARLES M. GRAVES ORGANIZATION,
Park and Recreation Specialists: Site planning
and other preliminary work

RAYFORD B. SMITH:
Structural Consultant

WELLS & MEAGHER: ARCHITECTS

SOWERS, RODES & WHITESCARVER:
Mechanical & Electrical Engineers



■ Working drawings are now in progress for a community center for Salem and Roanoke County. It is anticipated that construction can be started early in 1965.

The project will be constructed on a 73 acre site, which was a portion of the Lutheran Children's Home property before acquisition by the town of

Salem. It is adjacent to principal north-south and east-west highways, approximately 6½ miles from downtown Roanoke. The site is conveniently accessible from all parts of Roanoke County as well as near-by communities. Unlimited parking space can be made available.

The project will consist of a "col-

iseum" and "community facilities". The coliseum will contain more than 4,000 permanent chairs on concrete seat banks, and complete facilities for ice hockey conforming to league requirements. For basketball games, folding type bleachers will provide approximately 2,000 additional seats. Removal-

(Continued on page 76)

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Electrical contractor for Meadows Presbyterian Church, page 55

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CHARLOTTESVILLE, VA.

Mechanical contractor:
Greenbrier Elementary
School, page 46

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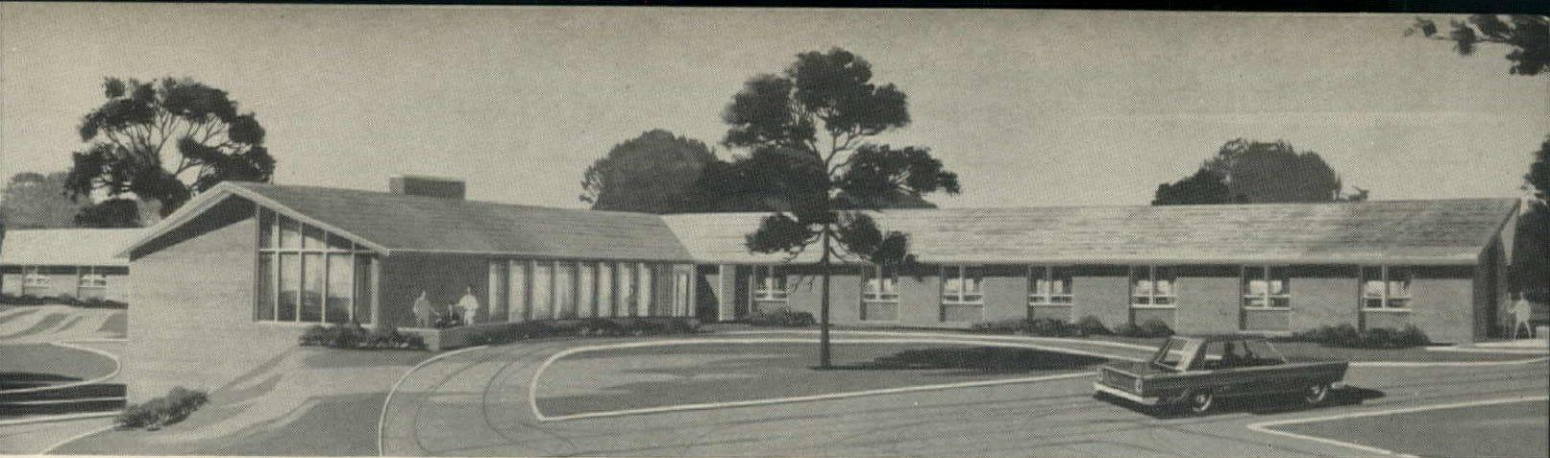
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Page 36



SOUTH ROANOKE NURSING HOME

WELLS & MEAGHER
Architects

WATTS & BREAKELL, INC.
General Contractor

THE SOUTH ROANOKE NURSING HOME, with a capacity of 50 beds, is located at the south city limits of Roanoke on Route U.S. 220. The building is situated on high ground with an excellent view of the rolling terrain to the south.

This project, designed by Wells & Meagher and constructed by Watts & Breakell, Inc., contains 12,700 square feet of main floor space in addition to equipment, maintenance and storage areas in the basement.

Construction is of fire resistant materials throughout. Exterior bearing walls are of brick veneer and Solite block. Roof framing is of precast concrete supporting, in most areas, metal roof deck and 20-year bonded roofing. The high sloping ceilings in dining and lounge spaces have exposed Porex roof deck and precast concrete beams. Except for bath rooms and food service areas, which are plastered, practically all interior wall surfaces have a finish of painted Solite block. Interesting interior decorating has been obtained in dining and lounge spaces by providing brick panels, aluminum grillework and mural wallpaper.

Except for bath rooms, food service areas and utility spaces, vinyl asbestos flooring has been used throughout.

Large window areas, especially for lounge and dining areas, have been provided to take advantage of the view. All windows are of aluminum, with operable hopper vents for patients rooms.

Four private bedrooms, each with private baths, are provided. The remaining 23 bedrooms are semi-private with baths adjacent to bedrooms. All bedrooms contain built-in dressers of satin finished red oak matching other exposed woodwork. A variation of color combinations has been used in a manner to avoid an institutional appearance. Non-combustible acoustical tile ceilings

(Continued on page 80)

SUBCONTRACTORS & SUPPLIERS

(All Roanoke firms unless otherwise noted)
Thomas Bros., Salem, excavating; Adams Construction Co., paving; Roanoke Ready Mix Concrete Corp., concrete; Lightweight Block Co., Inc., Solite block; Roanoke-Webster Brick Co., Inc., brick; Ornamental Iron & Prison Works steel; Cates Building Specialties, Inc., steel roof deck; Virginia Prestressed Concrete Corp., prestressed concrete; Wholesale Builders Supply Co., Porex roof deck; I. N. McNeil Roofing & Sheet Metal Works, roofing; Standard Tile Co., Inc., Staunton, ceramic tile, stone work; Bayley

windows.

Pittsburgh Plate Glass Co., glazing; Davidow Paint & Wallpaper Co., painting; Harry H. Roberts, Inc., structural tile; Southern Roof Deck Co., Inc., acoustical; Hampshire Corp., plaster; Charles J. Krebs Co., resilient tile; South Roanoke Lumber Co., millwork; Morgan Metal Co., steel doors and bucks; Clayton G. Tinnell, electrical work; G. J. Hopkins, Inc., plumbing (Kohler fixtures), air conditioning, heating, ventilating; Douglas Via & Associates, ARKA chiller-heater unit.

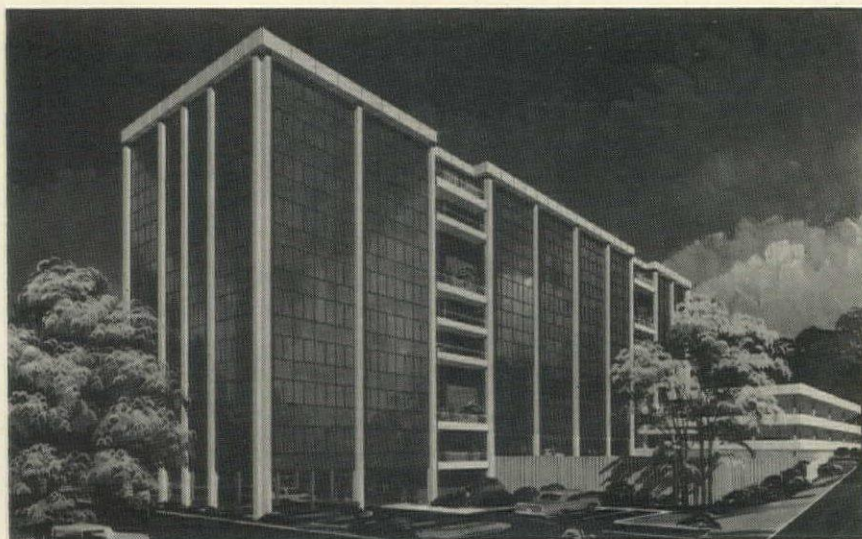
Colonial Investment Office Building

WARD & HALL, AIA: Architects

KENDRICK & REDINGER
Mechanical & Electrical Consultants

DUNCAN GRAY
Structural Consultant

COLONIAL INVESTMENT CO., WAGMAN CONSTRUCTION CORP.: Owners-General Contractors



• Another index to the increasingly urban character of Fairfax County is this ten story office building with adjoining five story garage being built at Columbia Pike and Carlyn Spring Rd.

Excavation is already in progress for the building with completion scheduled for the spring of next year. This is the first high-rise office building to be constructed under the recently enacted Fairfax County commercial office high-rise zoning provisions. The previous maximum height for buildings in the county has been five stories.

Eighty feet deep and 240 feet long, the building is a rectangle enclosed with an aluminum and glass curtain wall. Floors are finished with resilient tile and terrazzo. Two concrete bridges connect the adjoining garage.



(Ed Roseberry photo)

Greenbrier Elementary School in Charlottesville

BRANDT & MORSE
Mechanical Consultants

HEYWARD & LLORENS, AIA
Architects

WHITLOCK CONSTRUCTION CO.
General Contractor

● Greenbrier Elementary School, representing the most recent addition to Charlottesville's public school system, was completed in March of this year. Built on a site of approximately six acres, the building is irregular in plan, with the upper and lower schools divided in the middle by the library, administrative offices, the gymnasium and the auditorium. Of these, the auditorium offers the most unusual approach in that the stage area projects well into the audience, thus making the audience more of a part of the production. Acoustic treatment, as well as interest, is gained by the placement of wood fiber squares in varying shades of green and brown on the rear wall of the auditorium.

Both the gymnasium, with adjacent toilet and shower facilities, and the auditorium are arranged in such a way that they may be used independently of the rest of the school by civic and other groups when the school is closed. Although all facilities are accessible through enclosed corridors, the irregularity of the plan gives the impression of separate areas for the various age groups and activities, much like "campus planning" which is so prevalent today.

The basic interior wall materials of brick and glazed masonry units harmonize with the terrazzo floor and exposed wood fiber roof deck, giving a pleasing overall impression.

The exterior walls, which are of red brick, are accented by metal grill work and aluminum window units featuring colored spandrels and frames.

The total cost of the building, excluding land, was approximately \$372,000. The average square foot cost was approximately \$12.10.

With Whitlock Construction Co., general contractors of Mineral, subcontractors and suppliers included Montague-Betts Co., Inc., Lynchburg, steel; J. B. Eurell Co., Richmond, roof deck; Dornin-Adams Co., Lynchburg, roofing; Marsteller Corp., Roanoke, stone work; Oliva & Lazzuri, Inc., Charlottesville, terrazzo; Charlottesville Lumber Co., Inc., Charlottesville, millwork; Omohundro Electric Co., Charlottesville, electrical work; C. P. Martin Co., Inc., Charlottesville, plumbing, air conditioning, heating, ventilating.



CRABTREE BUICK-PONTIAC, INC.

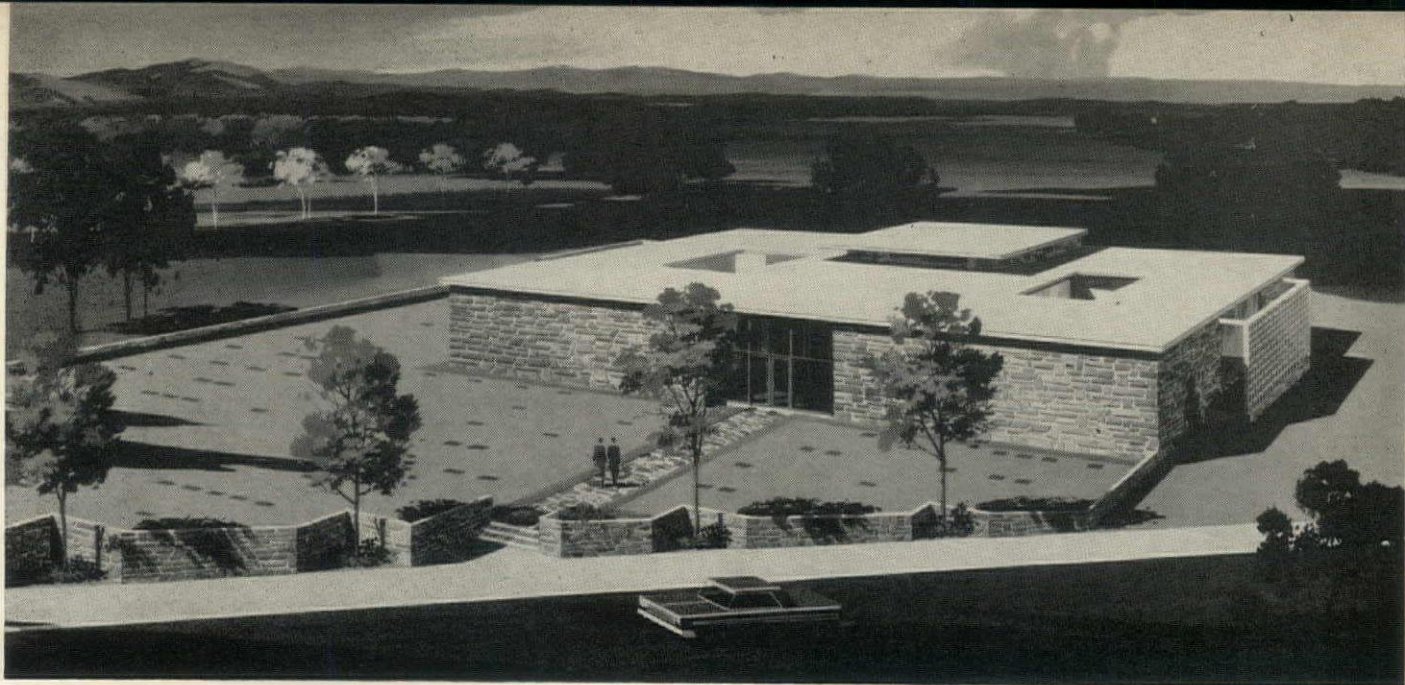
BEESON & BEESON, Architects

ROBERT L. JOHNSON, CHARLES R. DAY
Job Captains

JOHNSON BROS. BUILDING SUPPLIES, INC.
General Contractor

Crabtree Buick-Pontiac, Inc., originally located in Abingdon, was organized in 1952 and owned and operated by Ike L. Crabtree. Due to the growth of the business, Mr. Crabtree elected to centralize his business between Abingdon and Bristol. Plans were started in March, 1963 for the construction of the new building and completed in September, 1963.

(Continued on page 79)



▲ Mausoleum for Fort Hill Memorial Park in Lynchburg.

Memorial Mausoleums Designed for Whitten Services, Inc.

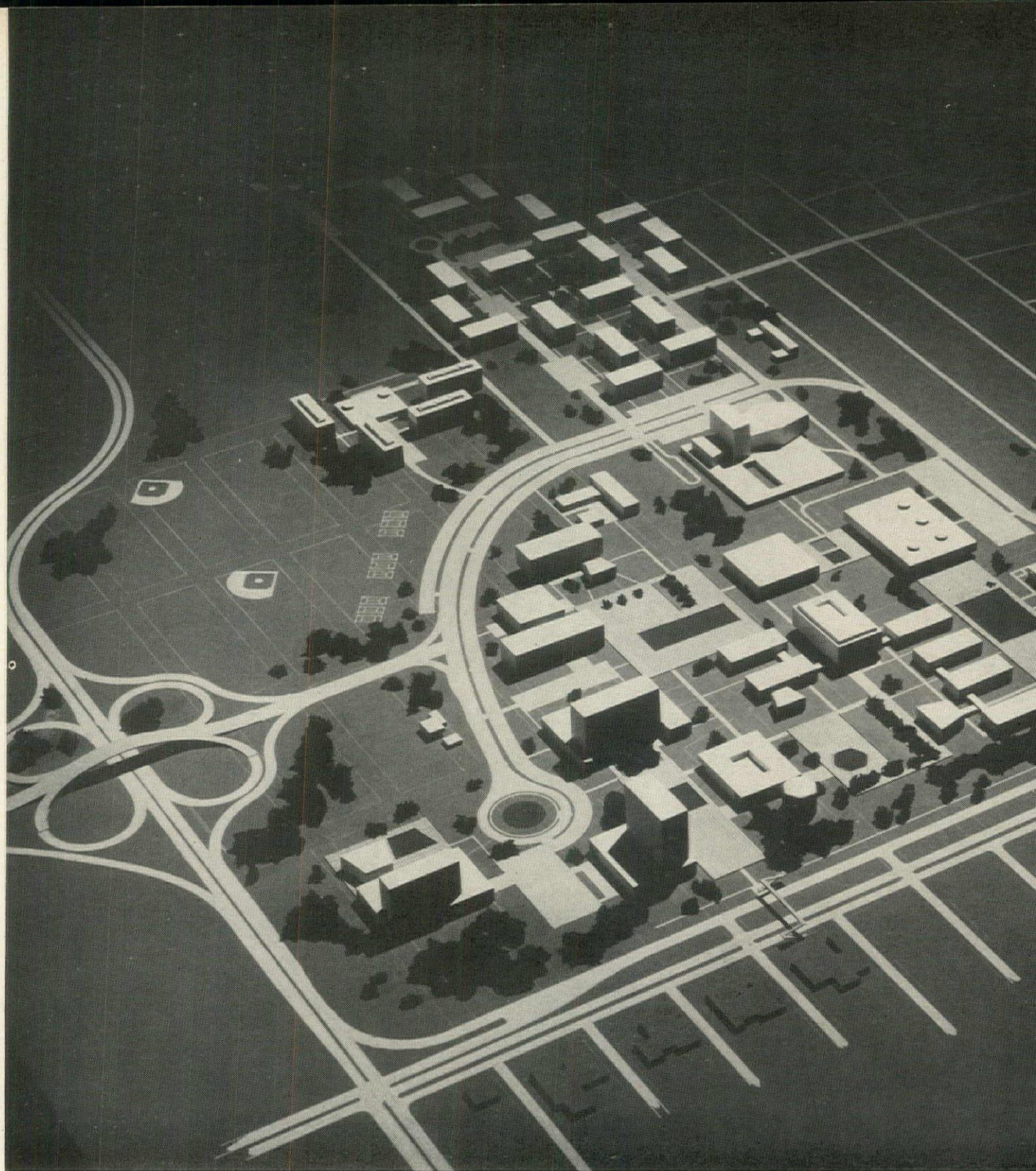
Lynchburg,
Richmond and
Bedford County

CARL D. CRESS, JR., AIA
Architect

● The traditional design mausoleum will be constructed in each of the below Memorial Parks. The central office and rest room facilities will be located on the left and right side of the vestibule respectively with the Chapel being located directly behind the vestibule. The two wings will have a total of 296 crypt spaces and there will be 270 turf top crypts located within the yard area surrounded by the brick wall. When future expansion is needed, additional rooms can be constructed on each end of the arcade in the wings.

Mausoleums to be constructed for Dale Memorial Park, Bermuda Memorial Park and Signal Memorial Park in Richmond, and for Virginia Memorial Park in Bedford County.





OLD DOMINION COLLEGE MASTER PLAN REPORT

OLIVER AND SMITH, AIA
Architects & Planners

standpoint of service to these elements of the area's economy and welfare.

Further, the Naval Base and the Medical Center naturally become adjuncts to the college in the form of laboratories and special course offerings.

The college is also fortunate in that much of the property in the area is of little value. The plan recommends the immediate adoption of a land acquisition program.

Old Dominion College was started in September 1930 as a division of the College of William and Mary. In 1962 it became an independent college when the General Assembly dissolved the system of "The Colleges of William and Mary."

In 1953 the college had less than 500 students. It now has more than 6,000 and is undoubtedly the state's fastest growing college.

Oliver and Smith started the master plan study in 1956 but the rapidity with which the college grew caused the study to be continually reviewed. The ultimate plan is now for a college with an enrollment of 10,000 day students.

The college was originally bounded by Brunswick Avenue, Hampton Boulevard, Bluestone Avenue, Upper Brandon Place and 50th Street. Under the plan, campus limits were moved south to 45th Street and west to Elkhorn Avenue. Under this plan the library and art classroom building were constructed.

As growth continued, the boundaries of the school were increased west to Hampton Roads and south to 38th

Street. The 1958 campus quadrangle became the core of this new campus plan. The basic disciplines will be centered in this area, with the centers for specialized instruction and graduate studies to be located south of the quadrangle as the need for future expansion is felt.

The City of Norfolk had proposed a four-lane road west of the college, but after meetings between college officials, the architects and the City Planning Commission, plans for the road were eliminated, permitting the boundaries of the school to be increased westward to Hampton Roads.

The campus is planned as a pedestrian campus. There will be no through traffic. Vehicles may approach from the north by Bluestone Avenue and 49th Street and from the south by 39th Street. As traffic increases, demands will be made for elevated roadways and exchanges.

The view of the campus from Hampton Boulevard will be a series of controlled vistas and terminal views. The object of this scheme is to provide maximum safety for the students and to expedite the student movement without the interference of cars and trucks.

In addition to the library and arts building, a new classroom building has been finished and a new engineering building was opened in September of this year. Also planned in the immediate future is a student center, and scheduled to be completed in 1966 is another classroom building.

The master plan also permits the physical plant to be enlarged without making the existing one obsolete.

KEY

1. Science Building, now in preliminary plans
2. Student Center, contract scheduled for early winter

3. Engineering Classroom Building, opened September '64
4. Classroom Building, complete
5. Fine Arts Building, complete
6. Library, complete

• Old Dominion College, Norfolk, is by luck or design in the most desirable location for an institution of higher education. This conclusion was reached in a master plan report completed this year.

The study, made by Oliver and Smith, Architects, showed the college is easily accessible and its position between the Naval Base and the Norfolk Medical Center makes it ideal from the

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and for Stanley Furniture Company Office, page 37

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General contractor for Meadows
Presbyterian Church, page 55

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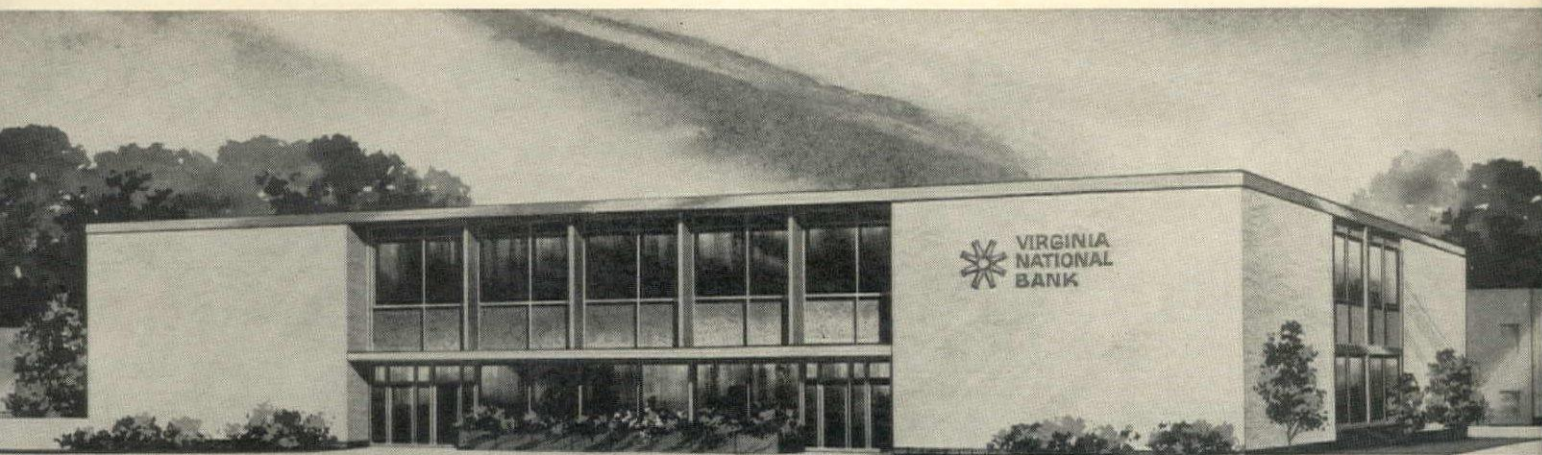
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and ventilating for addition to
Arlington Hospital, page 19



VIRGINIA NATIONAL BANK MARTINSVILLE

THE NEW LOCATION of the Virginia National Bank in Martinsville will be near the center of the city, adjacent to the business and industrial section, and accessible to the extensive residential area.

The facility will provide for complete banking service with the unfinished section of the second story to be available for future expansion.

The building is surrounded by three streets with convenient access to drive-in window and parking area. The building and furnishings are designed for efficient, modern banking service.

The exterior material will be of glazed brick, anodized aluminum trim, with rare blue quartz panels, and cleft slate at base. The structure will replace a service station and a bus station.

The building is expected to be ready for occupancy in August, 1965.

This unit will be one of 46 banking offices of the Virginia National Bank, located throughout Virginia in 23 cities.

J. V. Richardson, Inc., of Martinsville, is general contractor. Principal subcontractors and suppliers include the following:

Thompson-Arthur Paving Co., Mar-

RAYFORD B. SMITH
Structural Consultant

AMERICAN FURNITURE & FIXTURE CO., INC.
Interior Design

J. COATES CARTER, AIA
Architect

SOWERS, RODES & WHITESCARVER
Electrical & Air Conditioning Consultants

J. V. RICHARDSON, INC.
General Contractor



(Colonial Studio)

tinsville, excavating; Helms Roofing Co., Martinsville, roofing; Pittsburgh Plate Glass Co., Greensboro, N. C., glazing, windows; Richard L. Shough, Martinsville, painting, wall coverings; J. W. Squire Co., Inc., Danville, insulation, acoustical, resilient tile; Byrd's

Terrazzo & Tile Co., Roanoke, terrazzo, ceramic tile; Larry's Electric Co., Martinsville, electrical work; Prillaman & Pace, Inc., Martinsville, plumbing, air conditioning, heating, ventilating; E. F. Hauserman Co., Richmond, movable partitions.

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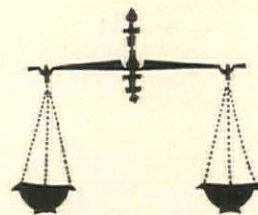
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DOWNTOWNER MOTOR HOTEL

- DANVILLE -

● This new motel is a franchised member of the Downtowner chain, but differs greatly from the usual Downtowner in providing facilities for small conventions.

Included on the lobby level are a restaurant with a capacity of 160 persons, a cocktail lounge for 95 persons and a ballroom capable of seating 450 persons. Also on this level are the kitchen, barber shop and restroom facilities.

The large ballroom may be divided into seven smaller areas to allow for club meetings, sales displays, etc.

The main street level will house Mutual Savings and Loan Association, a drug and sundries store, beauty shop and several offices. Parking is provided in the basement and on the third and fourth levels. The 118 motel rooms will occupy the fourth through ninth levels.

The general construction contract will run slightly over \$1,000,000, with furnishings and other equipment raising this figure to \$1¼ million.

John W. Daniel & Co., Inc., of Danville, is general contractor with the following subcontractors and suppliers:

McKinney Drilling Co., Greensboro, N. C., concrete caissons; Thompson's Ready-Mix, Inc., Danville, concrete; Montague-Betts Co., Inc., Lynchburg, reinforcing steel; Webster Brick Co., Draper, N. C., brick; Danville Concrete Products Co., Inc., Danville, concrete block and screen block; Cress Tile & Marble Co., Danville, ceramic tile, terrazzo; Steel Craft Mfg. Co., Cincinnati, Ohio, steel doors and bucks; Clarke Electric Co., Inc., Danville, electrical work; C & T Mechanical Corp., Richmond, plumbing fixtures, plumbing, air conditioning, heating and ventilating; Chester Products, Inc., Hamilton, Ohio, aluminum swimming pool.

Work on excavating, foundations, concrete and masonry is being done by the general contractor.

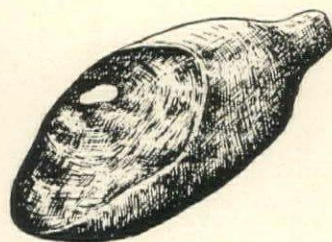
CALVERT & LEWIS, Architects • GARDNER, ELSEVIER & KLINE,
Structural Consultants • JOHN W. DANIEL & CO., INC., General Contractor •
DOWNTOWN DANVILLE DEVELOPMENT CORP., Owner • THALHIMERS
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MEADOWS PRESBYTERIAN CHURCH, CHARLOTTESVILLE

CLARENCE WENGER: Architect

B. W. SUTER
Mechanical & Electrical Consultant

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• The new building for Meadows Presbyterian Church is in the rapidly growing northwest section of Charlottesville, just west of Route 29, North, on Angus Road. Sponsored by the First and Westminster Presbyterian Churches of Charlottesville, the congregation was organized November 5, 1962, with 88 members. The enrollment at this time is 162, nearly doubled in a little less than two years. Prior to their occupancy of the new building the congregation had met for two years in the Mountain Bowl, in Barracks Road Shopping Center.

The pastor, James A. Payne, Jr., was formerly pastor of the First Presbyterian Church in Annandale, Virginia, when that church had its building program in 1961, so his experience was of great value to both the building council and the architect.

Architect Clarence Wenger was asked to develop an overall plan to accommodate the church's ultimate needs, with a projected membership estimated at 500 to 600. This plan was to be so organized that it could be built in several stages, the first of which would meet the needs of the congregation until they numbered approximately 250. In view of their rapid growth, the time for the second stage may not be too far off.

The building is T-shaped, the stem of the T being used for an interim sanctuary, and the cross of the T for classrooms, office, toilets, stairs, etc. It is on two levels, with the lower level in the rear opening onto a parking lot. The fully developed plan calls for a new sanctuary and additional classrooms, at which time the interim sanctuary will become available for a wide range of group activities. Present seating is approximately 450 for the main floor, with an additional 75 in the balcony, over the narthex.

The much needed protection at the front entrance is provided by a 12' x 60' loggia, which also shields the great window on the balcony from the direct rays of the sun. The 6' overhang alongside the sanctuary likewise covers two passageways to the classroom and office section, and shields the sanctuary windows from the sun.

A dramatic effect of light and shadow has been achieved through the use of massive piers at the loggia, and the wide overhang of the roof, both of which seem to contribute to the appearance of strength and ruggedness of the building. In spite of this, the interior is light and airy. The roof of the sanctuary is supported by laminated wood arches and cedar decking. Outlookers on the arches extend over the covered passageways to support the overhang. The interior of the sanctuary is finished in face brick, painted block, and natural wood; other parts of the building have painted block walls, and sand finished plaster ceilings.

This first stage of the building has been completed at a cost of a little more than \$140,000, which amounts to slightly less than \$11.00 per square foot for the 12,000 foot floor area.

W. E. & J. F. Bishop, of Charlottesville, were general contractors and did the work on masonry, carpentry, paneling and waterproofing. Subcontractors and suppliers, all Charlottesville firms unless otherwise noted, included the following:

Wm. H. Chisholm Co., Inc., excavating; H. T. Ferron, concrete; Blue Ridge Steel Co., Waynesboro, handrails, steel, steel floor deck; W. A. Lynch Roofing Co., roofing; Republic Steel Corp. (Truscon Div.), Youngstown, Ohio, windows; A. P. Hubbard, Greensboro, N. C., structural wood; Pittsburgh Plate Glass Co., Richmond, glazing; Charlottesville Lumber Co., Inc., painting; Manson & Utley, Inc., weatherstripping; Stott Insulation Co., insulation; Robert H. Harris Co., acoustical.

Also, Oliva & Lazzuri, Inc., ceramic tile; Manson & Utley, Inc., resilient tile; Barnes Lumber Corp., millwork; The Staley Co., Inc., Richmond, steel doors and bucks; Early Electric Co., lighting fixtures (Lightolier, Modern, Day-Brite), electrical work; Brunton & Hicks, Inc., plumbing (Standard-Sanitary Corp. fixtures), heating and ventilating; Skyline Paint & Hardware, Inc., Roanoke, hardware; Locher Brick Co., Glasgow, brick.

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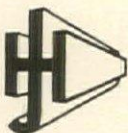
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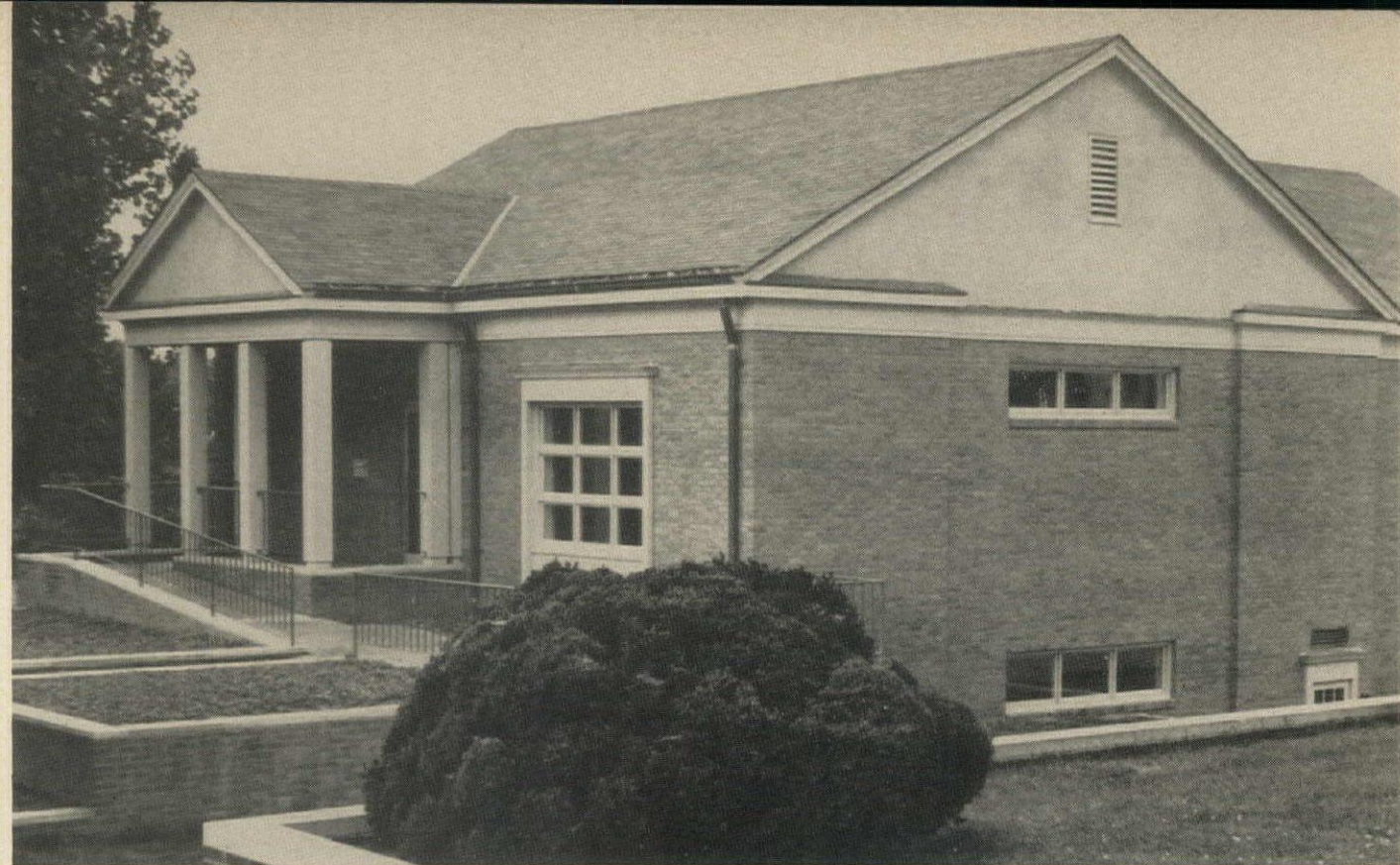
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ORANGE COUNTY PUBLIC LIBRARY

THE NEW Orange County Public Library in Orange was designed by J. Russell Bailey, AIA, Architect, of Orange, and was completed in September 1963. This building has been designed to house both the regular library functions and the extension on bookmobile service.

The main floor, where the public reading rooms, offices and book collections are housed, is approached by a concrete ramp from the street sidewalk. The ramp passes through a series of walled terraces (which have now been planted in ground cover and will receive other planting as the budget allows) and leads to a columned porch which protects the glass entrance doors and the off-hours book return depository.

The ground floor has spaces assigned to the Extension Department which allow the bookmobile to be garaged during the loading and unloading of books. This area is connected to the main work areas above by an electric booklift large enough to carry book-trucks. On this floor is future expansion space which will eventually become the Children's Library. Adjacent to this is a small meeting room with a separate foyer leading to the outside and the parking lot. This meeting room is used for the Children's Story Hour. Civic meetings held after library hours may use this room without endangering the security of the library itself.

Heat pumps supply the heat and air-conditioning for year-around comfort of the personnel and the public.

J. RUSSELL BAILEY, AIA
Architect

HARRY B. SEDWICK, JR.
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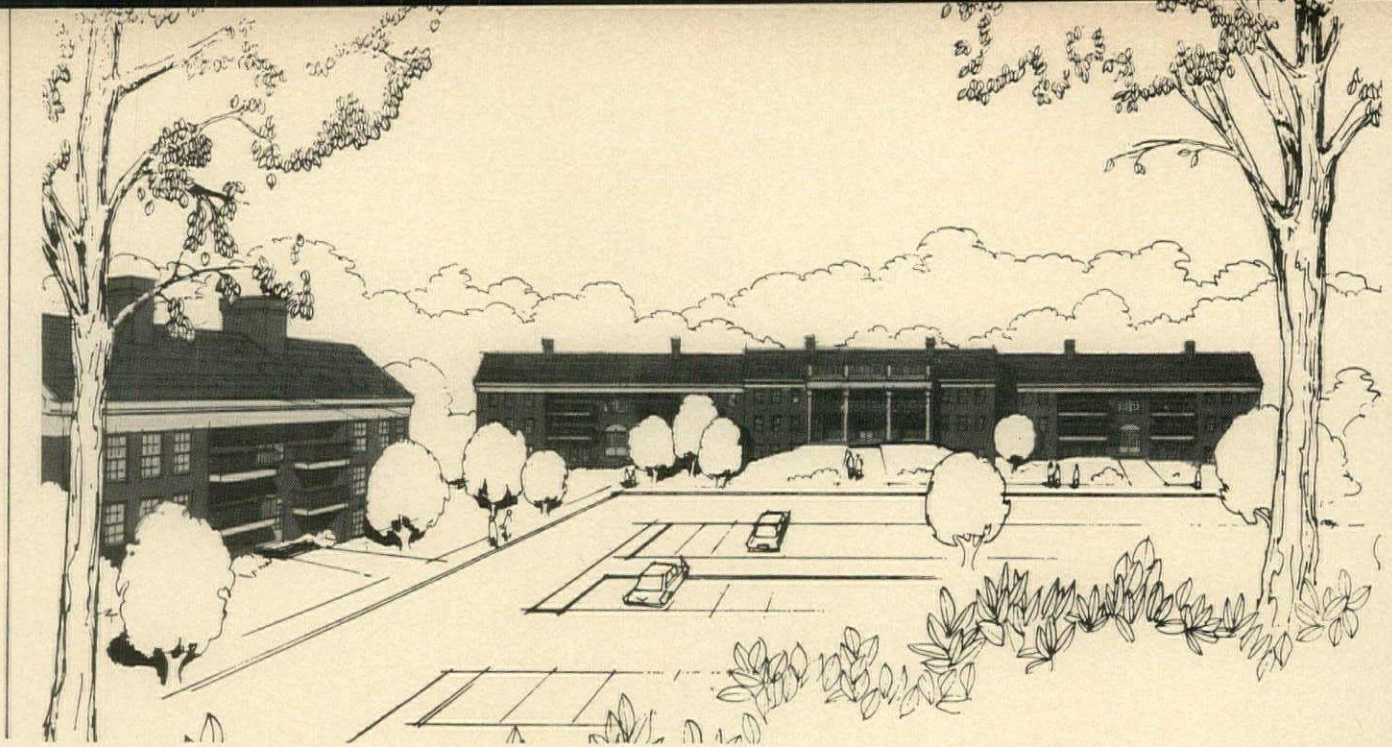
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MAJOR APARTMENT DEVELOPMENT IN FREDERICKSBURG

D. G. CHASE & ASSOCIATES: Architects

HAROLD LEE PIERCE. Project Captain

ROLAND BAKER
Mechanical Consultant

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General Contractor

● The 124 unit Martha Washington Garden Apartment is the first major apartment project ever built in the historic City of Fredericksburg. The development, designed by D. G. Chase & Associates, Architects, of Alexandria, will be constructed in two stages. The first stage, currently under construction, will consist of 57 units in three separate buildings. Forty percent of the units are one-bedroom apartments; 50 per cent are two-bedroom apartments, with the remaining three-bedroom apartments.

The building site was formerly the property of the Fredericksburg Aqueduct Company. In addition to an old reservoir in the center, there are many water lines transversing it. For this reason, the architect was faced with the problem of locating a building in a way not to interfere with the water lines, and at the same time preserve as many of the existing trees as possible. By placing the building, drives and parking areas at the perimeter of the site, thus preserving a park-like atmosphere in the center of the development, this was accomplished.

The colonial buildings are designed to blend with the many historic buildings in Fredericksburg, as well as Mary Washington College which borders the apartment site. Many extra features have been included in the Martha Washington Apartment project. Most units have separate foyers, spacious kitchens with breakfast areas, and deep walk-in closets in the master bedrooms. Other apartments will have a den or study adjacent to the living room.

Construction is conventional load bearing masonry and wood stud walls and wood trussed roofs. Partitions between units are of double staggered stud walls with two inches of batt insulation in the center for sound proofing. The heating and air conditioning in these all-electric apartments was designed with the cooperation of the Fredericksburg Division of VEPCO.

Owners are Embrey, Adams, Hooper, Jones and construction is by Hooper Developers, Inc., of Falls Church. Occupancy is expected in the spring of 1965 with model apartments open for display sometime earlier.

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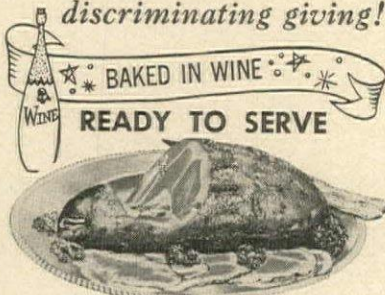
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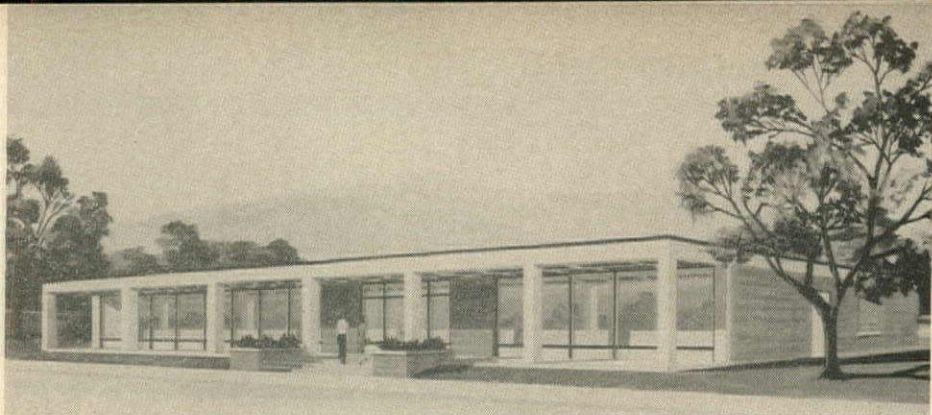
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PULASKI COUNTY LIBRARY

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● The Pulaski County Library will be erected in the town of Pulaski and will serve both the county and the town.

The building provides seating for 68 adults and 38 children and stack space for approximately 40,000 volumes librarian's office, public rest rooms, employee's rest area, and a large work room with adjacent loading facilities for bookmobile service. The site is an inside lot situated in the town. Parking facilities for eight cars and a bookmobile is provided in the rear, with access from an alley.

The structure is steel frame with bar joist and exposed concrete block. Ceilings are acoustical tile on a suspension system and floors are vinyl tile on concrete. Windows are single glazed (alternate for double glazing) in aluminum frames. The building will be completely air conditioned the year around by electric heat pumps.

The exterior treatment is brick with limestone faced columns, spandrels and cornice. Copings and gravel stops are porcelain enamel. The total area is 6800 sq. ft.

● Working drawings are now underway for the new Physical Education Building for Handley High School in Winchester.

The new building will be located to the west of the present main school building, approximately 50 ft. from its west side and set at an elevation of 15½ feet above the floor of the main building. It is basically a one-story structure, with the boys' dressing rooms elevated four feet above the gymnasium floor. The new building will be accessible via a covered, enclosed passageway spanning the present driveway to the west of the present building.

Facilities are provided for 2,028 spectators for regular basketball games; an additional 504 seats may be gained by opening one wall of the auxiliary gymnasium. This furnishes a total of 2,532 seats for large events.

The main lobby, 24' x 56', will contain a large trophy case, two ticket windows, two public telephones, a concessions counter and the athletic direc-

(Continued on page 80)

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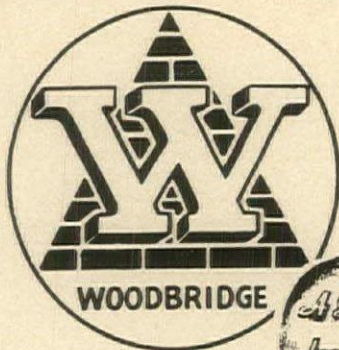
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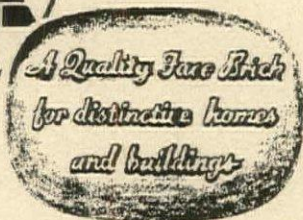


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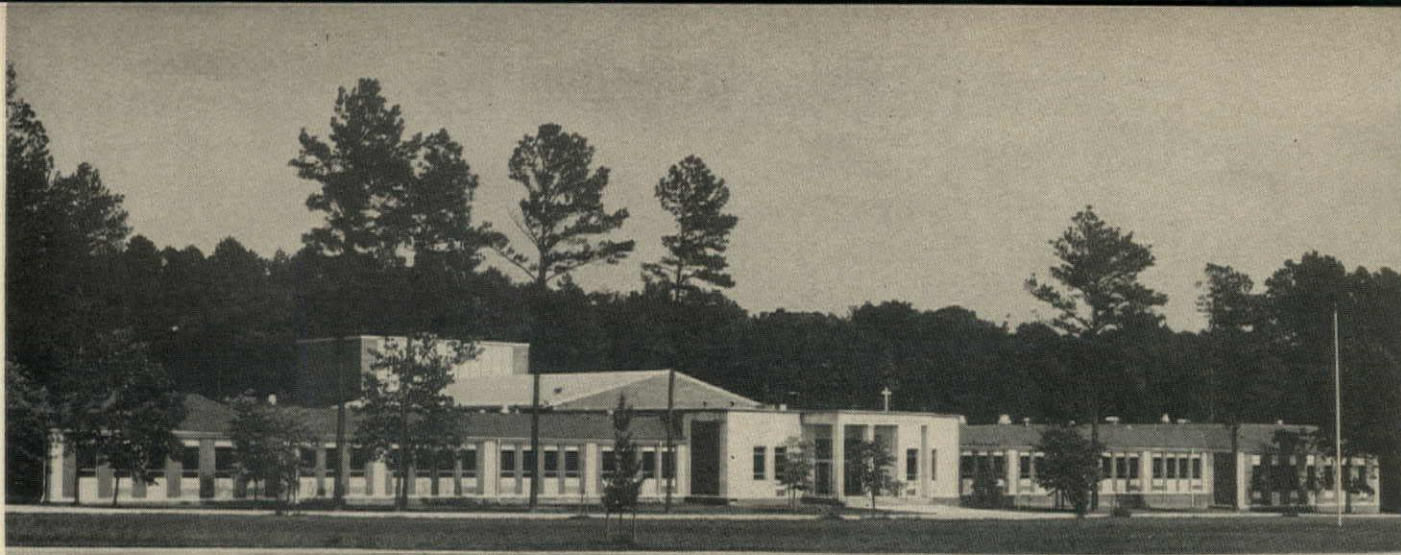
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THE MOST RECENT ADDITION to the Walsingham Academy campus, near Williamsburg, is a 16 classroom high school building which includes such facilities as laboratories, gymnasium, music rooms, library and administrative areas.

In planning the building, several factors were kept in mind relating both to the function and the overall appearance of the building.

The exterior was designed to provide a careful blending of modern and traditional elements so as to create a building which would harmonize with the prevailing Williamsburg architecture without sacrificing usefulness to appearance. This aim has been achieved largely through the use of materials which include stone and brick on the exterior walls and a slate roof.

The interior of the building was designed to provide the maximum use of each area. The gymnasium not only serves for athletics, but is fully convertible. It features a stage with complete stage equipment and can be used for stage performances not only by the student body, but by visiting groups as well. It has also been designed to allow its use by music and band students for concerts.

Walsingham also features an all electric mechanical system. All heating and air conditioning is electric. Special attention to insulation and the use of tinted insulating glass windows throughout tend to make such a system economically feasible to operate, while the facility reaps the benefits of a cleaner operating system with smaller space requirements.

In the interior decorative scheme, particular attention has been paid to avoiding the "academic institutional look". The main entrance and lobby have been made as inviting as possible and a suitable color scheme in the entire building aims at providing the students with a pleasing environment conducive to study.

J. W. Creech, of Norfolk, was general contractor, with the following subcontractors and suppliers:

From Norfolk: W. R. Hall, Jr., grading and seeding; Terminix Co., Inc., soil poisoning; Ajax Co., Inc., stone work; Joshua Swain & Co., Inc., tile, flagstone and terrazzo work; Barnum-Bruns Iron Works, structural steel and miscellaneous metals; Warner Moore & Co., Inc., fiber roof deck slabs and folding doors; American Sheet Metal Corp., roofing and sheet metal; Door Engineering, metal doors and



frames, finishing hardware; John H. Mayo & Associates, Inc., chalkboards, metal toilet partitions; Old Dominion Ceilings Co., dry hung ceilings, insulation; Brown & Grist, Inc., metal window and panel units, electric windows; Grover L. White, Inc., soft tile; Walker & Laberge Co., Inc., glass and glazing; Shaw Paint & Wall Paper Co., Inc., painting; Vicellio-Weaver Co., gutters, walks and curbs.

From Richmond: Miller Manufacturing Co., Inc., millwork; Stonnell-Satterwhite, Inc., gymnasium floor; Hungerford, Inc., plumbing, heating, ventilating and air conditioning; Flowers School Equipment Co., Inc., stage drapes, rigging and equipment; Interior Steel Equipment Co., special equipment, lockers; Brownson Equipment Co., gymnasium equipment.

Others were D. C. Waltrip, Williamsburg, clearing; Guille Steel Products Co., Inc., Virginia Beach, steel joists and accessories; A. P. Hubbard Wholesale Lumber Corp., Greensboro, N. C., structural timber; A. D. Stowe, Portsmouth, lathing and plastering; Vincent Harrison, Portsmouth, caulking; Dal-Ray Contractors, Inc., Williamsburg, paving, parking lot, entrance roads; Royal School Laboratories, Inc., Ashland, science, biology and art room equipment; Perry Electric Co., Inc., Newport News, electrical work.

Concrete and masonry work was done by the general contractor.

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Portsmouth High Rise Apartment

WARD & HALL, AIA: Architects

COLONIAL INVESTMENT COMPANY
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Owners-General Contractors

● A new Portsmouth zoning category, "Waterfront W-1", was enacted in July in order to permit the construction of this high rise apartment project.

Currently leading the Norfolk area race for height (see VR August for the story on the Virginia National Bank's 23 story entry), the project is scheduled for 31 stories. Designed by Ward and Hall, AIA, Architects, the project is being built by its owners, the Colonial Investment Co. and the Wagman Construction Corp. both of Rockville, Md.

Located on the Elizabeth River waterfront at Crawford Street, the apartments should feature an outstand-

ing view of the surrounding area. A marina is planned for the convenience of the tenants.

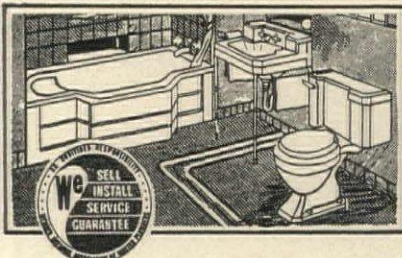
Eight-foot long concrete piles are planned as a foundation for the buildings.

Said by the architects to be the tallest building planned for the Commonwealth and probably the tallest on the East Coast between Atlanta and Baltimore, the structure will be 120 feet square and made of brick and pre-cast concrete.

Interior partitions will be plaster on block and metal studs. Floors will be finished in resilient tile and terrazzo.

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Virginia Business Review

• Southern Materials Company has made several personnel changes, according to R. F. Wingo, Jr., vice president of the company.

C. M. Llewellyn, Jr., who came with the company in 1960 as a geologist, has been named manager of the Research and Development Section. Before coming with Southern Materials Company he was associated with the Atlantic Coast Line Railroad in Wilmington, N. C. Mr. Llewellyn holds a Masters Degree in Geological Engineering from North Carolina State College. He will work out of the Kingsland Reach office at Southern Materials' production site.

Usher Winslett joined Southern Materials Company in Jacksonville, Fla., in April, 1960 as an engineer. He graduated in Civil Engineering from Georgia Tech and is a registered Professional Engineer in Georgia and Florida. Mr. Winslett is now in charge of the company's Puddledock sand and gravel plant and the Jack Stone Quarry in Petersburg as well as the stone quarry at Rawlings and the new Bracey Stone Quarry which the company has recently opened.

Both Llewellyn and Winslett will work under the direction of A. R. Potts, vice president of Production for the company's plants in Virginia and Florida.

John Bacile, formerly with Stone and Webster Engineering Corp., joined Southern Materials in May, 1964. He has been named purchasing agent for the company and will direct the purchasing functions from the Richmond office.

• According to Raymond C. Hall, President, the Richmond advertising agency formerly known as Hall-Frayer, Inc. has recently become Hall & Company, Inc. The agency remains at the 211 West Franklin Street address.

• The Carolinas Branch, AGC, recently announced that the Thompson-Arthur Paving Company of Greensboro, N. C., has won the following awards for the 1963-64 accident prevention program of Carolinas Branch AGC:

1. One year award—1st place, Highway Division, Group A (over 500,000 manhours exposure).
2. Ten year award — 3rd place,

(Continued on page 88)

to tell the Virginia Story



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Contractor for resilient tile for Sidney's Fashion Store, page 40



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Richmond Power Equipment Co. Bldg., pages 23
and 24

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Old Towne Village (from page 26)

between towne houses. Floors are of wood parquet blocks over two layers of 5/8" thick Celotex on 1/2" plywood subfloor. Year-round air conditioning for each towne house is provided with an upflow gas-fired, forced warm air furnace with an input of 80,000 BTU's and an air-cooled condensing unit with a capacity of 24,000 BTU's.

During the later phases of the development, a commercial block, Olde Towne Shopping Village, will be constructed in a central location. The ten to 14 small shops and stores will be grouped around a large brickpaved Shopping Village Court. All the shops will front on the court and access from the perimeter parking will be through arcades between stores. Included in the traditionally designed stores will be an apothecary shop, barber and beauty salons and ice cream parlor as well as other commercial services.

Many recreational facilities are to be provided in Olde Towne Village. In addition to the swimming pool included in the first phase of construction, there will be an olympic size swimming pool with bath house and a community club house which can be used for private parties, etc. A nine-hole "Pitch and Putt" golf course, four regulation size clay tennis courts and playground are adjacent to the club house. Throughout the informally landscaped development, there will be 11 fenced playgrounds for the younger residents of the Village.

A large maintenance staff will be employed to provide quick and efficient service when needed. It will include building engineers, carpenters, gardeners and laundry management personnel. Most maintenance facilities will be housed in the Shopping Village complex. However, laundry rooms will be located throughout the Village at convenient points. A major feature of the development will be the use of underground utilities.

When the final phase of the project is realized, Olde Towne Village will be a self-sustaining community of 1,500 families living in a variety of traditionally designed towne houses. Vast recreational facilities will be located throughout the development and in the center will be the Olde Towne Shopping Village.

Construction of Olde Towne Village began last September and completion of the first phase is due in the spring of 1965. Olde Towne Associates are both owners and builders. Financing by Chase Manhattan Bank was arranged through The W. R. Kelley Company of Washington, D. C.

to tell the Virginia Story

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ROANOKE, VIRGINIA

Miller & Rhoads

(Continued from page 34)

special lighting effects, and the spacing of fixtures give the store a degree of spaciousness and brightness which multiplies the visual space for the shopper.

In designing the store, not only was the customer kept in mind, but also the store personnel. Easily maintained floor and wall surfaces, movable fixtures, all add to the ease of maintenance and service.

Access to the interior is through two large entrances flanked by stone piers which are further characterized by projecting above the cornice line, while the canopy likewise follows the higher line. A series of glass windows, between the two entrance ways, are enhanced by stone pilasters. The rest of the exterior walls consist of light grey brick.

The building is of steel frame construction with exterior load bearing walls and built-up roofing. The entire building is fully air conditioned and features the latest mechanical equipment.

The Miller & Rhoads store and the adjoining Hot Shoppe Cafeteria are the latest additions to one of Virginia's largest shopping centers, which boasts large parking areas and a small garden to provide a pleasant oasis of greenery.

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Danville High School Addition

(Continued from page 30)

with the existing structure rather than to compete.

The construction contract was \$151,000, including all site improvements and new electric service for the existing building. The resulting square foot cost was \$15.40 and the cubic foot cost \$1.10. Kitchen equipment was a separate contract amounting to \$21,580.

L. P. Cox Co., of Sanford, N. C., was general contractor and did the work on foundations and carpentry. Principal subcontractors and suppliers, all of Danville unless otherwise noted, included the following:

Marshall Sand & Gravel Co., excavating, concrete; Masonry Enterprises, masonry; Roanoke Iron & Bridge Works, Roanoke, steel, steel doors and bucks, handrails; Southern Roof Deck Co., Inc., Roanoke, roof deck; Link-Watson Corp., roofing, finish hardware; Economy Cast Stone Co., Richmond, stone work; General Specialties Co., Inc., Charlotte, N. C., windows, window walls; Pittsburgh Plate Glass Co., glazing; Hedrick Brothers, painting; Glazed Products, Inc., Martinsville, structural masonry units.

Also, Shields, Inc., Roanoke, acoustical, plaster; Cress Tile & Marble Co., ceramic tile; J. W. Squire Co., Inc., resilient tile; Danville Lumber & Mfg. Co., millwork; Clarke Electric Co., Inc., electrical work (G.E. lighting fixtures); T. C. Dameron Plumbing & Heating, plumbing, heating, ventilating; Food Equipment Co., Inc., Raleigh, N. C., kitchen equipment.

Quantico Bank Branch

(Continued from page 42)

The building is contemporary in design with a Colonial flavor, provided by a porch on the sides affording protection from the weather and sun control for the expanse of windows in the main banking lobby.

The plan is so arranged that expansion is easy on the right and rear of the building and additional auto teller's windows can be added on the left side, increasing to 12 tellers and providing private offices for additional officers.

SUBCONTRACTORS & SUPPLIERS

Brown Excavating, Woodbridge, excavating; Frank Williams, Fredericksburg, masonry; Woodbridge Iron Works, Occoquan, steel; Anning-Johnson Co., Alexandria, steel roof deck; Manassas Roofing Co., Inc., Manassas, roofing; Hires Turner Glass Co., Alexandria, windows, glazing; B. & C. Painting, Woodbridge, painting; William Dickinson, Falmouth, acoustical, plaster; Standard Art. Marble & Tile Co., Inc., Washington, D. C., ceramic tile, terrazzo; Carver's Floor Service, Fredericksburg, resilient tile; H. A. Beard, Dumfries, lighting fixtures, electrical work; A. S. Johnson Co., Inc., Stafford, plumbing; Weather Control, Inc., Arlington, ventilating.

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- Roofing for Greenbrier Elementary
School, page 46

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Page 55

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Mechanical contractors for Downtowner Motor Hotel,
page 53

Sidney's (from page 40)

The store consists of three levels. The main floor has departments for lingerie, ready-to-wear, millinery, sportswear, casual wear and cosmetics. A feature of this floor level is a central kiosk for jewelry and accessories.

The children's department, shoe department, tack room and beauty salon are located on the lower floor. The beauty salon has a separate entrance from the off-street parking area at the rear of the store. Storage rooms, shipping and receiving, mechanical equipment room and toilets and lounge are also on this floor level.

SUBCONTRACTORS & SUPPLIERS

(All Roanoke firms unless otherwise noted)
Roanoke Iron & Bridge Works, Inc., steel, steel roof deck; Pittsburgh Plate Glass Co., windows, glazing; W. E. Robertson Co., painting; John H. Hampshire, Inc., plaster; Charles J. Krebs Co., resilient tile; Barnes Millwork Co., millwork; Graves-Humphreys, Inc., finish hardware; Clear-Bullock Electrical Co., Inc., Martinsville, electrical work; Prillaman & Pace, Inc., Martinsville, plumbing, air conditioning, heating and ventilating; W. J. Hines Co., Raleigh, N. C., store fixtures. Steel doors and bucks are by Morgan Metal Products.

A curved carpet covered stairway provides access to the open mezzanine from the main floor. The same wrought iron is again used in the stair rail and balcony rail. On this level are the bridal and evening dress salons, cocktail dresses, furs and better dress salon as well as alteration room, employees lounge, toilets and storage rooms.

The building is 66' x 160' of brick and concrete masonry construction painted white. Interior partitions are gypsum wall board with wallpaper or fabric wall covering. Floors are concrete covered with carpet or resilient tile. Roof construction is built-up roofing on metal deck supported on steel framing. Air conditioning is provided by gas heat pumps. A Lamson air tube system communicates between the manager's island and all departments.

Cost of the project is approximately \$211,000.00 including store fixtures. Completion is expected to be in March 1965.

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(Continued from page 39)

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Norfolk Hospital (from page 34)

gency and physiotherapy facilities together with over 80 new beds. In addition, new surgical facilities, laboratory and X-ray services, supply and dietary areas, and extensive remodeling of the existing facility is called for.

The construction will feature several new concepts, especially in regard to emergency services, and the handling of post surgical patients and patients requiring intensive care. It is anticipated that a system of progressive patient care will be introduced so as to alleviate the work load on personnel.

The structure itself will be fireproof, based on steel frame construction. Exterior walls will be masonry with decorative masonry panels highlighting aluminum window units. Interior areas are designed to minimize upkeep, while providing a cheerful environment for the patients.

The use of tile panels, especially selected color schemes and furnishings, all tend to reduce the institutional aspect of the hospital and to create a pleasant environment for the patients. The building is to be fully air conditioned.

It is anticipated that construction will begin on the facility by the end of next January.

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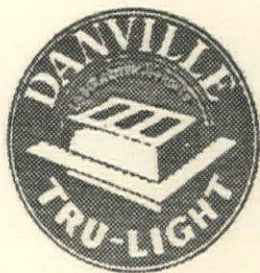
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Amberjack	2,892	26	75,192
Trigger Fish	1,409	7	9,863
Porgies	754	3	2,262
Dolphin	2,940	14	41,160
Bonita	399	12	4,788
Red Snapper	1,602	3	4,806
Flounders	7	3	21
Gray Trout	5	5	25
Spade Fish	612	5	3,060
Spanish Mackerel	198	2	396
Wahoo	24	17	408
Blues	209	3	627
Octopus	3	1	3
Barracuda	152	20	3,040
Cobia	40	40	1,600
Grouper	45	40	1,800
Pilot Fish	5	3	15
Tuna	45	18	810
Sharks	50	100	5,000
Sail Fish	17	35	595
White Marlin	3	80	240
Blue Marlin*	52	210	10,920

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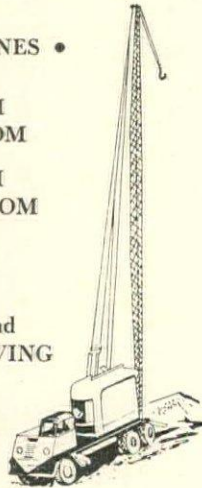
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Salem Community Center

(Continued from page 42)

able stage facilities are to be provided for use in the event of conventions or other mass gatherings.

On the two floor levels below the permanent seating areas will be courses, concession spaces, rest rooms, athletic team facilities, storage area and mechanical equipment space.

The community facilities (the flat roofed area) will consist of meeting rooms of various sizes, arts department, crafts department, a large dining-meeting space, complete kitchen facilities, a separate lobby, offices and rest rooms.

The dining-meeting space will be available for feeding up to 500 people. However, this space can be divided into three smaller spaces by use of folding partitions, each space located so that service can be obtained directly from the kitchen. This space is of considerable importance inasmuch as the town of Salem has for many years furnished meeting facilities for Kiwanis, Rotary and other civic clubs. Food service facilities will be suitable for preparation of complete banquets.

The project will be of fire-resistant construction. The community facilities will have masonry bearing walls supporting steel roof framing. The coliseum will have a reinforced concrete frame seat banks of prestressed concrete.

Considerable time has been spent in analyzing the coliseum roof structure. After considering all aspects it was decided to use a series of thin shell, poured-in-place concrete vaults.

Exterior wall finishes will be of locally manufactured brick for the community facilities and precast, exposed aggregate, concrete panels for the coliseum.

In general, interior wall finishes will be of painted Solite block. Food service areas, toilets, showers and certain parts of the coliseum are to have tile wall surfaces.

The dining-meeting space will have wood flooring while other community facilities, except the kitchen, will have resilient flooring. Removable wood floor panels will be used for basketball games.

The community facilities will be heated and cooled by a heat pump installation. The coliseum will be heated with a gas fired boiler.

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and Greenbriar Elementary School, page 46

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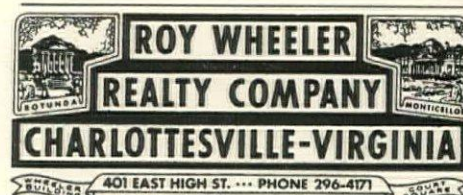
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General contractor for the South Roanoke Nursing Home, page 45



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Ginter Park Branch Library (Continued from page 20)

The building has a gross area of 6,750 sq. ft. of which 1,200 feet are devoted to the bookmobile services.

The main reading room extends across the front of the building with the easterly end designated for children's books, the westerly end for general reading with an alcove which is set aside for serious study and reference work.

Off of the side entrance is a meeting room with seating space for

approximately 50 persons. This is equipped with a small projection room for the showing of motion pictures. The rest rooms open off the side entrance so as to be available to the meeting room when the library itself may not be open.

The circulation desk is directly opposite the front entrance door, providing for quick and efficient issuance and return of books and for the supervision of the reading rooms. Directly behind

the circulation desk is the staff's workroom where books, card catalogues, records of circulation are kept, and books are inspected and repaired. Opening off this area is a small quiet room for the staff with a small snack bar type kitchen, rest rooms, etc. Directly behind the workroom for the branch is a spacious office and workroom for the staff which administers the bookmobile service. Opening off of this staff room is the garage for the bookmobile itself which is equipped with a loading dock permitting the trucking of books between the workroom and the bookmobile with a minimum of effort.

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P. E. Eubank & Co., excavating; W. M. Walder, Jr., masonry; Holmes Steel Co., steel; Joe M. DeShazo Roofing Co., waterproofing, roofing; Economy Cast Stone Co., stone work; Sash, Door & Glass Corp., glazing, windows, window walls; Lane Bros., Inc., painting; John H. Hampshire, Inc., acoustical, resilient tile; Oliva & Lazzari, Inc., ceramic tile; R. A. Siewers, Inc., millwork; J. S. Archer Co., steel doors and bucks; J. A. Bowker, lighting fixtures, electrical work; American-Standard, plumbing fixtures; Catlett-Johnson Corp., plumbing, air conditioning, heating; Morton Marks & Sons, Inc., Thalhimer, Brownson Equipment Co., furniture.

Timber Structures, Portland, Oregon, supplied the wood deck and structural wood; shelving was by Esty Corp. The general contractor did the work on foundations, concrete and carpentry.

The floors of the public areas are beige colored marbleized vinyl asbestos tile. The walls of exposed Solite block are painted salt seafoam green. The steel shelving is beige and the wood structure members are of cherry red. The windows are draped with fiberglass material in a small pattern. The exposed timber deck is stained a cinnamon color to match the library furniture. The steel shelving is finished in beige with some of the exposed end panels in bright colors.

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(Continued from page 46)

The plan featured a spacious, completely air-conditioned eight car showroom, lobby, adjoining general offices and private offices for both new and used car sales departments. The service area features drive-in and drive-through facilities. These areas are composed of 18 service bays, two wash bays and one separate paint bay. A spacious waiting and reception room is located off of the service entries allowing customers full view of service operations. The building is 230 feet long by 56 feet wide at the service bays and 10 feet by 52 feet in the showroom space, making a total of 5,680 square feet. The building was erected for a total cost of \$160,000.00, including excavating and paving of building and parking areas.

Johnson Bros. Building Supplies, Inc., Abingdon, were general contractors and did the work on foundations, concrete, millwork, masonry and carpentry. Other subcontractors and suppliers included the following:

Johnson & Pendry Construction Co., Inc., excavating; Bristol Steel & Iron Works, Inc., steel doors and bucks, steel; Industrial Decking & Roofing Co., steel roof deck, roofing, insulation; Holston Glass Co., Kingsport, Tenn., glazing, window, window walls; Glidden Paint Co., Roanoke, painting; U. S. Plywood Corp., paneling; Joe Rainero Tile Co., Inc., ceramic tile, terrazzo; Whitten Electric Supply, Inc., lighting fixtures; O. M. Kelly, Abingdon, electrical work; Ralph Powell, Marion, plumbing (American-Standard fixtures); Bryant Sheet Metal, Inc., Abingdon, air conditioning, heating.

Unless noted, all are Bristol firms.

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See the new Woodrow Wilson Junior High School, page 30

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Smithey & Boynton Projects

(Continued from page 60)

tor's office. Included in the new building are two classrooms to be used for health education. A press box seating eight persons is located above the east bleachers.

The building will be of steel joist generally, wall bearing construction and brick faced to match the existing buildings. The gymnasium will be framed with steel trusses and columns and is windowless—all natural light will come from skydomes in the roof construction. Front columns and all cornices are of limestone.

Heating for the new Physical Education Building will be provided by steam supplied from the existing boilers. It will be distributed parallel with the west wall of the main building in an underground line.

The building, totalling 34,000 square feet, is scheduled for construction during 1965 so that it can be ready in time for the basketball season beginning in January 1966.

Chatham Production Credit Assn.

(Continued from page 36)

Contractor-builder was Lemuel Carter, of Rocky Mount, who handled the work on foundations, roofing, carpentry, glazing, painting, paneling, waterproofing, weatherstripping, insulation, acoustical, plaster, ceramic and resilient tile, and wood flooring. Subcontractors and suppliers included:

Josh Haymes, Chatham, excavating; Thompson's Ready-Mix, Inc., Danville, concrete; Montague-Betts Co., Inc., Lynchburg, steel, steel doors and bucks; MW Distributors, Rocky Mount, windows, supplied through Chatham Building Supply; Danville Lumber & Mfg. Co., Danville, millwork; Jarrett Welding Co., Danville, wrought iron handrails; Tune & Toler, Chatham, lighting fixtures, electrical work, (American-Standard) plumbing fixtures, plumbing; Virginia Hardware & Mfg. Co., Danville, air conditioning and heating.

South Roanoke Nursing Home

(Continued from page 45)

have been provided in practically all spaces.

This project is completely air conditioned for year around use. Bedrooms have individually controlled heating-air conditioning units in each room. Both heating and cooling are obtained from gas absorption equipment. Gas fuel is also used for ranges, ovens and domestic hot water. A complete intercommunication system has been provided.

In developing the site, provision has been made for future expansion to a capacity of 100 beds. Careful exterior planning has resulted in attractive landscaped areas and paved parking facilities as well as paved terraces for patients' use.

Pearisburg Office

(Continued from page 39)

zo and resilient flooring, plaster and
ric covered walls, and ceilings of
ustical tile.

Windows are of heavy extruded alu-
um sections with aluminum exterior
n. Large windows are to have in-
ating glass. All exterior copings and
al trim are of alumilited aluminum.
of framing of steel, supporting metal
king, is used. This project will be
hated and cooled by a Westinghouse
t pump.

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(Roanoke firms unless otherwise noted)
Old Virginia Brick Co., Inc., Salem, face
ck; Lightweight Block Co., Inc., Solite block;
anoke Iron & Bridge Works, Inc., steel; John
Hancock, Jr., Inc., steel joists; Kawneer,
es, Mich., windows; Bluefield Glass & Tile
Bluefield, W. Va., glazing; Joe Rainero
Co., Inc., Bristol, ceramic tile, terrazzo;
son-Roanoke Corp., finish hardware; Bailey
nber Co., Bluefield, W. Va., millwork; West-
house Electric Supply Co. and Graybar Elec-
Co., Inc., lighting fixtures; Muncy Electric
Narrows, electrical work; Lee Hartman &
s Sound Equipment, Inc., sound equipment;
aglas Via & Associates, Westinghouse heat
up; Hooten Equipment Co., Charleston, W.
air conditioning, heating, ventilating; Die-
Inc., Canton, Ohio, vault door and red
equipment; American Furniture & Fixture
Inc., Richmond, bank fixtures and furni-
re; John C. Manos, supplier of Daybrite light-
fixtures.

Arlington Hospital

(Continued from page 19)

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programs to patients and staff.

Synchburg Medical Facility

(Continued from page 30)

isced construction. Floors have res-
ilient tile finishes except for use of
ceramic tile in toilets.

The exterior is face brick; windows
recessed in wood frames and have
room panels of insulated plastic.
Reception areas are provided to the waiting
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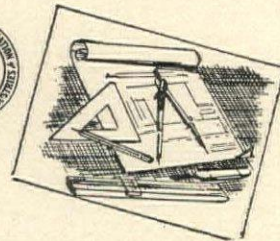
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"Anybody Can Play"

(Continued from page 5)

He would be impressed by the success of the firm. It must be admitted that the unlimited latitude extended to the big-name firms does not always result in good design. However, the aura of Success usually places their opinion beyond the public's faith in its critical judgment. Who, in the United States, feels qualified to criticize success?

Thus, though the prestigious firms do not necessarily, or unfailingly, contribute to the progress of design, their immunity to criticism exposes the firms to an imposing reputation to the full of public critics who do not question their own values or taste when judging architectural fellows more on their own size. This is particularly true when the architects are local. In fields involving creativity, only the emphasis of the gritty truth about the prophet not being "without honor in his own country."

On the other hand, the local architect—in any locality—should not be denied any special privilege or tolerance just because they are local. They should submit to the same standard of judgments that prevail universally. The question that arises is whether the architects in Virginia have universal standards of design as of 1964? Across the total profession—excluding out any exceptions—is the temporary design of Virginia architecture as advanced as it should be?

Only the architects themselves can answer this question. But it seems inevitable that they strive to reach an answer. In psychological terms, it seems time for "a self-confrontation."

Only through self-criticism can the architect so control and direct his evolving design that he ceases to be a player in that dangerous game called "Anybody Can Play."

While, of course, there is nothing inevitable about design, the problems of filling airspace with a building whose purpose is to meet specific needs are so immeasurably more complex than the design in which the architect's primary purpose of the building is stated that, in all truth, the non-object is imposing his judgment of an aspect of architecture removed from its context. Yet, this judgment is inevitable where the non-object must live with the isolated element of design: the design, not the materials used nor the space allotted to the plumbing subcontractor, is what we landscape to the public. How unqualified the spokesman of this



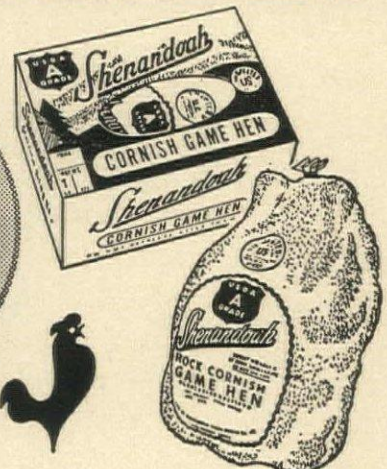
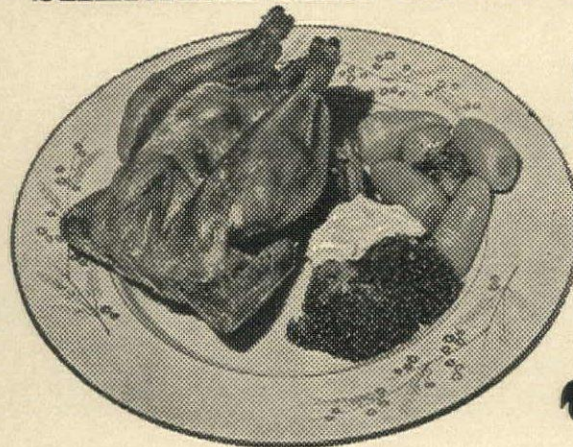
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General contractor for Derbyshire Baptist Church, page 27



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might be in regard to judge the design, he can scarcely be the right to voice his protest at design of buildings which he feels, in many cases justifiably, at best distort the physical character of his community and, at worst, provide a real eyesore and a future monstrosity.

The only way in which the architect is protected from the judgment of qualified critics is by making certain that the public critics have no right to criticize. It would appear that the block to self-criticism within the profession is contained in 3.3 in the standards of Professional Practice: "An architect shall not knowingly injure or attempt to injure falsely or maliciously the professional reputation, prospects, or practice of another architect." It would appear that the architect is constricted, or restricted, by the *knowingly injure*.

It is entirely possible that the most unbiased, qualified criticism of bad and inappropriate design might constitute "injury" to the "reputation, prospects, or practice of another architect." Unbiased, qualified criticism of Handel's eyesight, probably in the practice and prospects of the surgeon. But here the doctors have thought on. They have self-governed to try and guard against malpractice.

Twenty-seven years ago an ophthalmologist prescribed glasses for me that caused a permanent impairment to the normal function of the eyes. When we sought relief to a justly renowned ophthalmologist, the late Le Grand, he said flatly that Dr. X had gone further on less than any doctor would and that, personally, he would not prescribe glasses for his patient. This is less likely to happen today.

There is an observable tendency in physicians quickly to refer to a specialist or colleague a patient with obnoxious maladies, or maladies he feels qualified to correct. It is not that he would be drummed out of the register of physicians by botching up eyes or other aspects of health, but certainly fewer reputable doctors would refer patients to him. His prospects and practices would be indirectly disciplining within the profession.

The architect is not in a position to control malpractice in design by the methods of physicians. The architect must create self-governing bodies to prevent malpractice in design before it is inflicted upon the public who has

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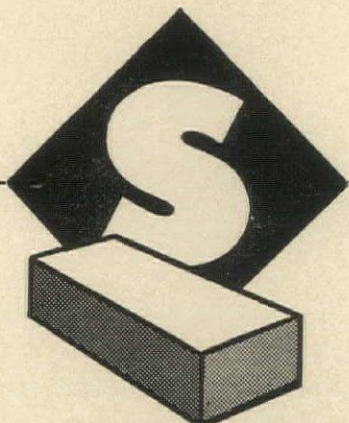
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to live with it. The point comes down to the question: is it wiser to protect the prospects and practice of a designer who shouldn't be loose in the first place or, by protecting the public from his operations, to safeguard and strengthen an architectural standard of design? Ultimately, where does the "injury" fall?

It would seem that logic appears on the side of establishing a healthy self-criticism among architects themselves. On this basis, self-governing bodies could work in common purpose to (1) make certain that design in Virginia did, across the whole profession, meet the best contemporary standards, as a result of which (2) the communities would be so well served as to remove the basis for criticism from an unqualified public. Removing the basis for unqualified criticism should not by any means, suggest that any design or designs can be free from gratuitous opinions. As long as human beings can look at a building or a painting, read a book or listen to music there will always be individuals and groups who feel qualified to pass judgment. But the public criticisms referred to here are those that are—sometimes justifiably—made from sources of influence and exert extremely practical effects on the "prospects and practice" of all local architects.

As viewed from the outside, the key to the creation of effective self-criticism lies in a revision of 3.3. Manifestly this proviso was intended to protect all architects from the "false" or "malicious" judgments which could be made in rivalry, in spite, in a fundamental conflict of architectural philosophy—or just for the hell of it. To guard against the intrusion of personal bias, from whatever motivation, I would suggest the credo enunciated for literary criticism by the late Stephen Vincent Benet. Since among architects (as among writers), there is inevitable conflict of opinion and passionate prejudice between different schools, the guiding principle of any criticism should be that it is "fair, intelligent and objective." These apparently simple words are very hard to live up to. But, at that, it might be easier to live up to these criteria than to live with the public criticism of haphazard and sometimes inferior design—especially where this public criticism does contain the influence behind it to affect the future of architecture and local architecture.

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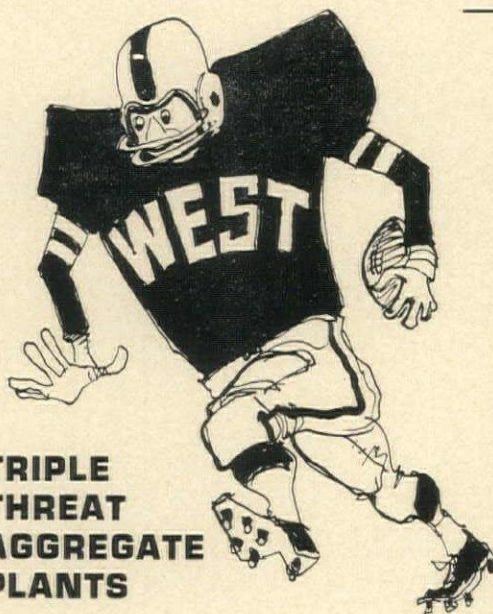
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Virginia Business Review

(Continued from page 67)

Highway Division (over one million manhours exposure).

The Thompson-Arthur Paving Company's record is based on the association's yearly accident prevention program running from July 1 through June 30 each year. The company accumulated a total of 791,686 man-hours without a lost time disabling injury for a frequency of zero and a severity of zero during this period.

According to the accident rates furnished by the National Safety Council, the 1963 national frequency for the highway construction industry was 24.6 and national severity rate was 2,997. The three year national highway rates, by comparison, (1961 through 1963) show a frequency of 28.50 and a severity of 3,148.

Awards will be presented to the company at the 44th Annual Convention of Carolinas Branch AGC to be held at the Boca Raton Hotel & Club, Boca Raton, Florida, December 13 through 16, 1964.

• Robin A. Frayser has announced the formation of a new advertising agency

in Richmond, known as Robin Frayser Associates. The agency opened at 6011 West Broad St. on November 1.

The new firm will be set up as a general advertising agency to represent all fields in advertising, public relations and sales promotion.

Mr. Frayser, for the past two years associated with Raymond C. Hall in Hall-Frayser, Inc., was previously promotion manager for *The Richmond Times-Dispatch* and *The News Leader*,

in the advertising division for more than 16 years. While there, he headed the art-copy division and agency service departments.

He is on the faculty of Richmond Professional Institute and the University of Richmond, where he has been an instructor in advertising for 10 years. He is a member of the Advertising Club of Richmond, the Richmond Sales Representatives Assn. and the Advertising Federation of America.

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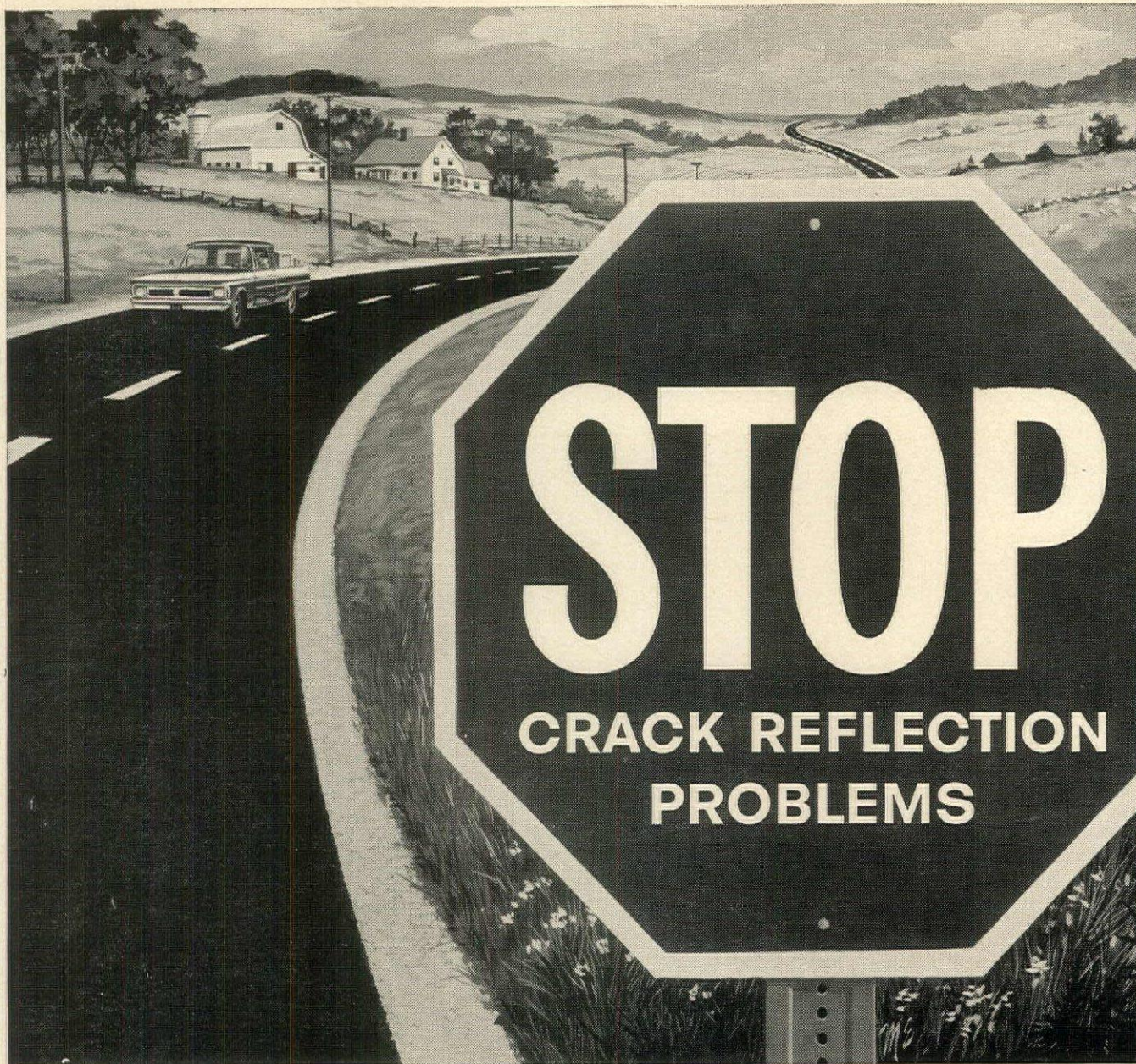
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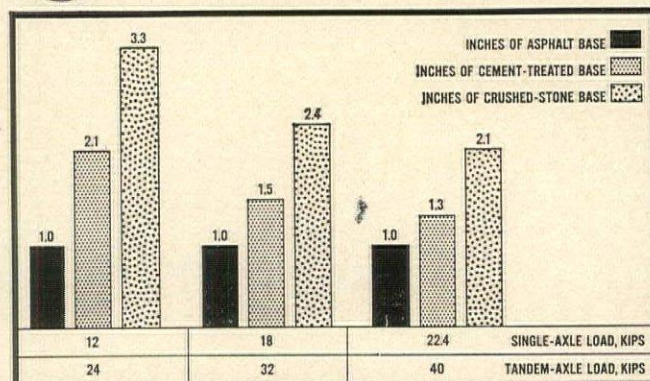


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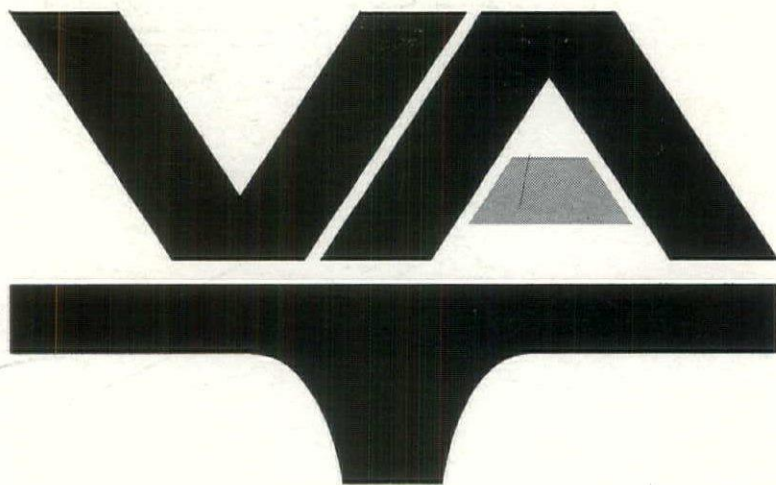


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