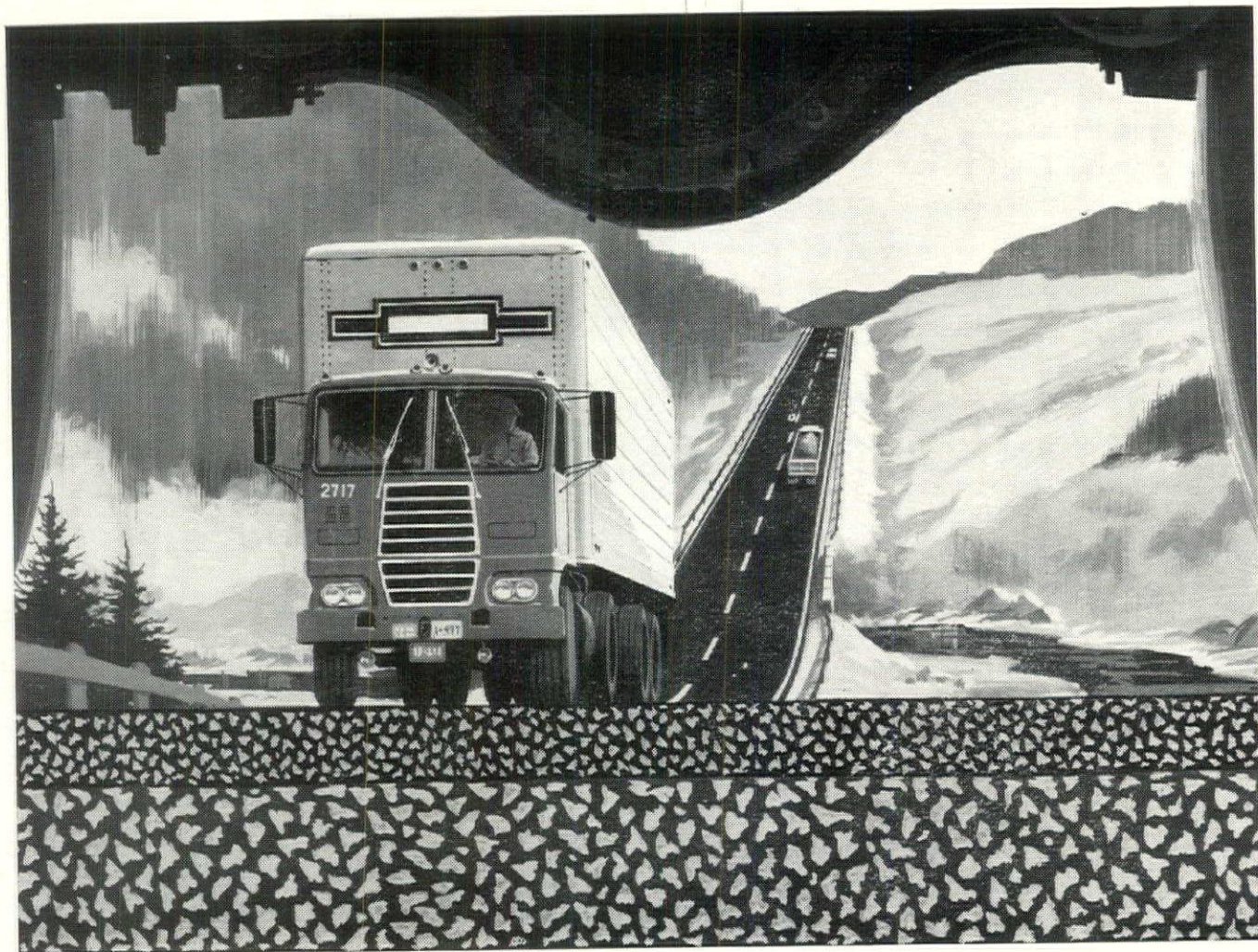


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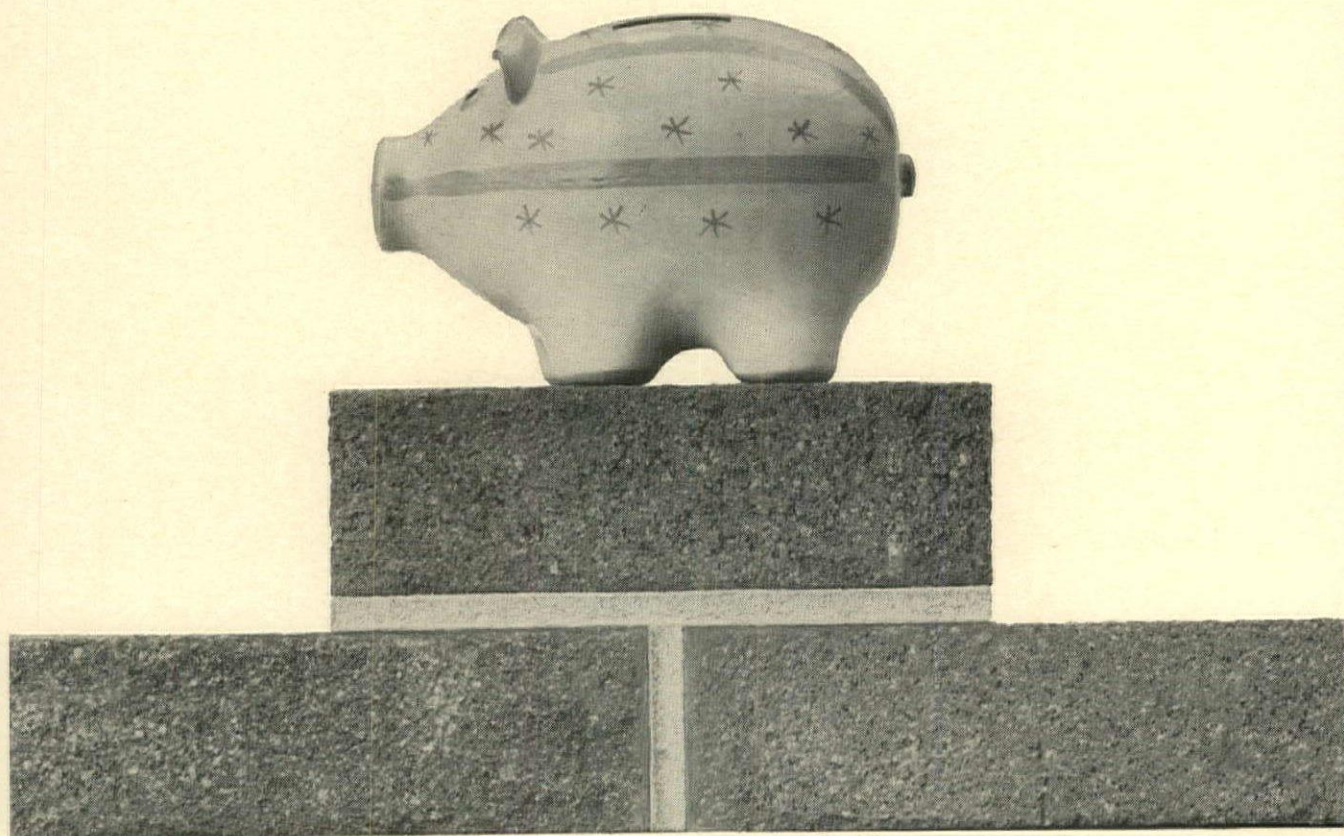
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VOLUME LXXXVIII MAY 1966 PRICE 35¢ NUMBER FIVE

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R. N. ANDERSON, JR., AIA
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The cover shows a corridor drawing of the John Adams Middle School in Alexandria. For the full story, please turn to page 17.

A Visitor From Another Time

THE HISTORIAN, Dr. Cyphermann, was the last passenger to leave the monorail cars at the inter-zone stop in Richmond. He did not like to hurry on these research trips, and he was pleased to observe that the downtown heart of the city had a natural area of openness provided by the campus of the University of Richmond. The rolling green hills, trees and shrubs, and even a lake, provided a welcome contrast to the monotonous similarity of the malls and geometrically designed "parks" built in the downtown centers of most American megalopolis. To the east of the campus rose a complex of massive buildings which comprised the center of operations for Megalopolitan Richmond. In the old days, Dr. Cyphermann had been told, a country club occupied that valuable urban property. Now, where an ancient road had once run its hazardous way, he stepped down from the sidewalk to the streetolator.

This was a local streetolator, for short journeys, and it moved at such a slow rate of speed that even mothers with children could step on and off while it was in motion. But the express streetolator went too fast for a leisurely observation and he wanted to see the remaining vestiges of the old part of the original city. He was always fascinated to come upon townhouses, two and even four stories tall, which a single family had occupied in those old cities when a megalopolis had been divided into an urban center, semi-urban areas radiating from it and from those detached areas called suburbs. The remaining houses in Richmond's old urban center, once the city proper, called up Georgian London to Dr. Cyphermann and, in another way, the extravagant grandeur of Rome.

In studying the past, he felt some tribal nostalgia for a city life he could never know, and he often speculated on precisely which period he would have preferred from the first small urban centers of the late middle ages, built around the craft guilds and the individual merchants, to the apogee of the world cities in the early twentieth century. The early times would have been cozier but there must have been a radiantly exciting quality in Paris and New York City around the years of—what, with appealing provinciality, they called—The First World War.

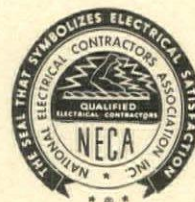
Yet, it was hard to imagine enduring the inconveniences the people bore in those cities of the past. He was not bothered, at least in his imagination, by the physical inconveniences of the houses—the lack of inside plumbing, of radiant heating, of electronic lighting, of photo-radiophones, of controlled ventilation, and such like. After all, the great works of art and poetry and compositions of music produced from the 15th through the 19th centuries reflected joy in living, ranges of powerful emotions, and a certain nobility (if naive) in the aspiration of the human spirit. Clearly, the physical crudeness did not impair the development of the individuals. It was at a later time when the inconveniences outside the houses seemed unthinkable to Dr. Cyphermann.

Where he now glided past the vari-colored synthetone fronts of the silent buildings, the automobile-machines had filled the narrow space of the streetolator between the sidewalks. One person drove this huge

(Continued on page 51)

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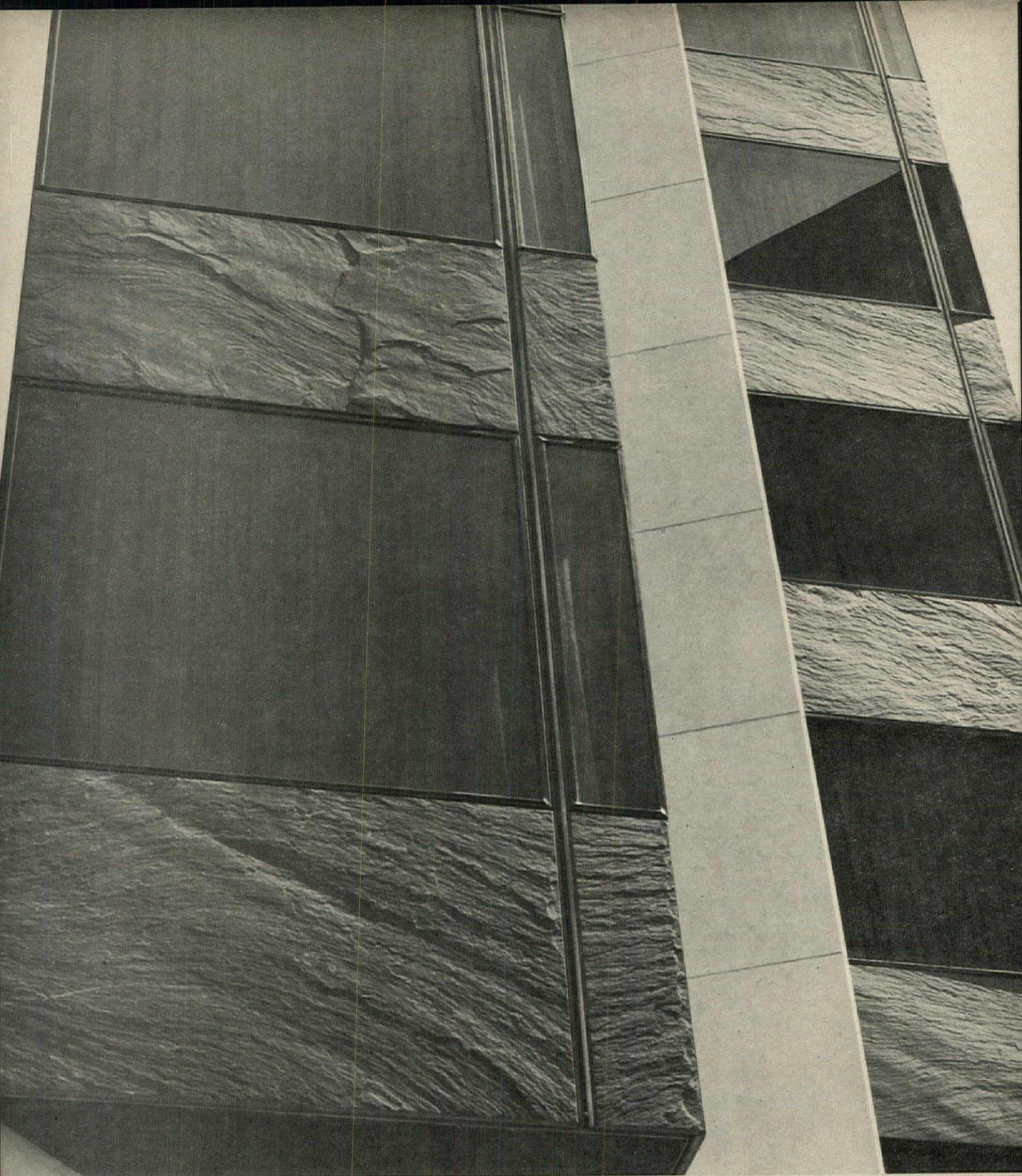
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RALPH GORDON ECHOLS

Born in Bluefield, West Virginia on September 12, 1929, he received a B.S. and M.S. Degree from V.P.I. prior to obtaining a Master of Architecture from Harvard, in 1960. Since September, 1960, Echols has been an associate professor at V.P.I. He has held a Mellon Fellowship at the University of Pennsylvania and has traveled extensively in Europe and South America.



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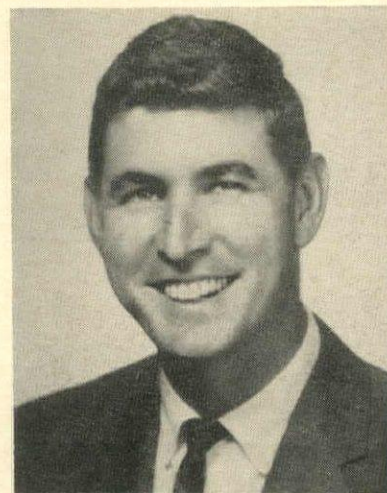
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AIA NEWS

was born March 4, 1925, he graduated from the University of Virginia with a B.S. in Architecture in 1950. Since 1953, he has been a staff architect with Wiley & Wilson in Lynchburg.



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DONALD R. EVANS

Educated in Danville, where he was born January 6, 1936, Evans graduated from George Washington High School in 1954. He is currently a partner in the firm of Thompson & Evans, Associated Architects, in his hometown.

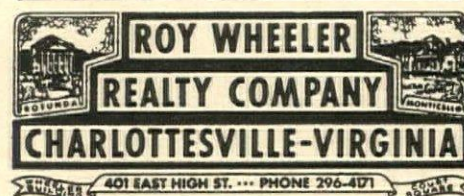


(Foster Studio)

GRAHAM L. EVANS, JR.

A partner in the Richmond firm of Holcombe, Vaughan & Evans, he was born in Richmond, September 15, 1934. Evans earned his Bachelor of Architecture Degree from the University of Virginia in 1958.

(Continued on page 10)



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AIA NEWS



JOHN P. C. HANBURY

An associate architect with Williams & Tazewell & Associates in Norfolk since 1959, he was a Professional Associate of the Virginia Chapter for one year before recently becoming a Corporate Member. A 1957 graduate of the University of Virginia, this Portsmouth native, who was born May 16, 1934, has traveled throughout Europe.



JOHN P. HUGHES, III

Born August 7, 1923, in Lynchburg, Hughes received an M.S. degree from Virginia Polytechnic Institute in 1951. Since July, 1960, he has been a draftsman with Clark, Nexsen & Owen in Lynchburg, and was an Associate Member of the Virginia Chapter, AIA, before recently becoming a Corporate Member. (Continued on page 38)

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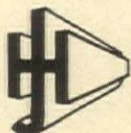
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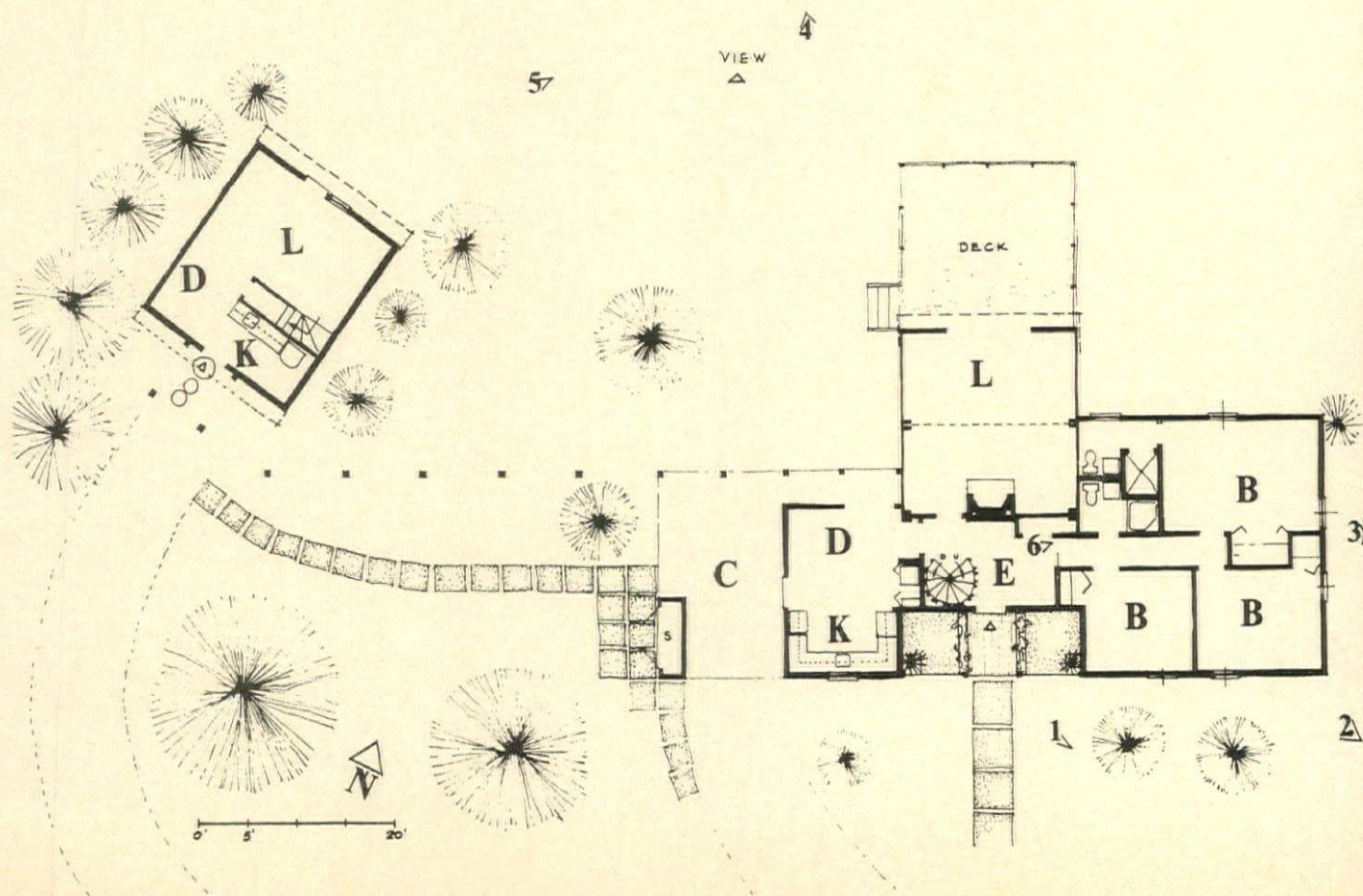
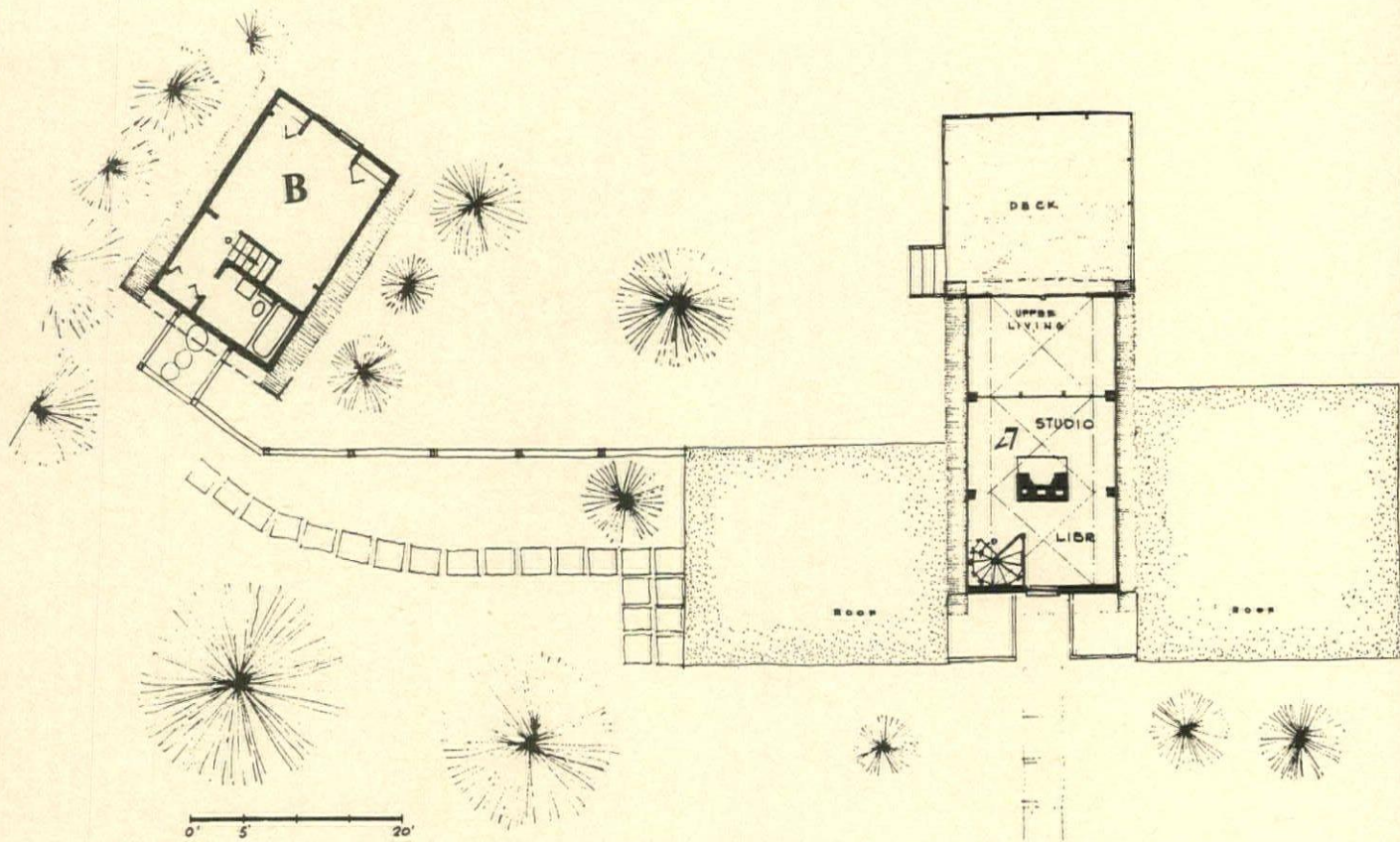


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Architect Browne's Residence



Henry J. Browne,
AIA

Architect

THIS HOME and guest cottage situated on a wooded lot overlooking the Blue Ridge Mountains, was designed to give the feeling of a lodge with the warmth of its wood walls and ceilings. Program requirements were that it be as maintenance free as possible both on the interior and exterior, that it blend with its surroundings, be expandable and take advantage of the view.

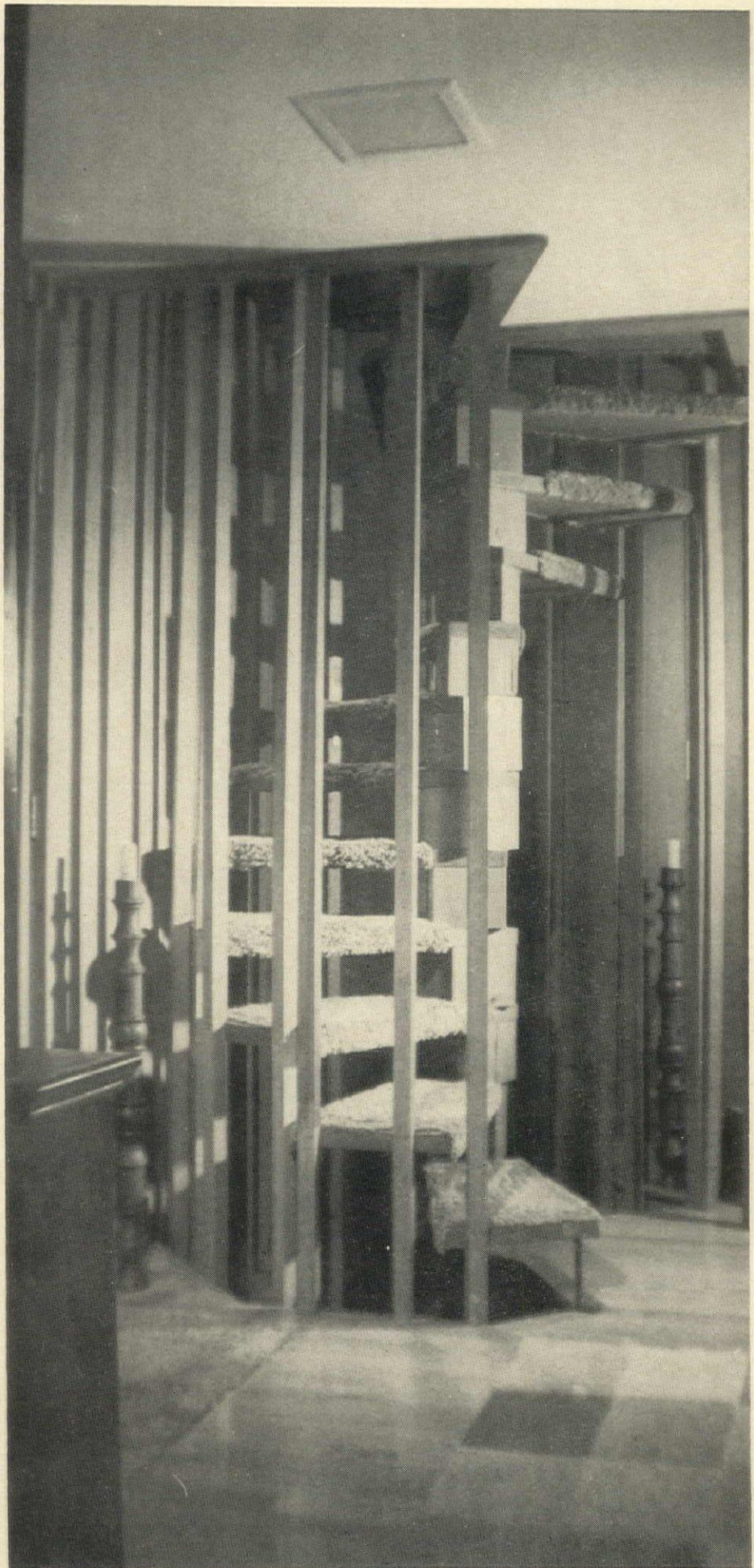
The entrance to the main house is across a wooden bridge through a planted area of Japanese holly, portulaca, potted bamboo and river wash gravel into the entry foyer which allows direct circulation to the various areas.

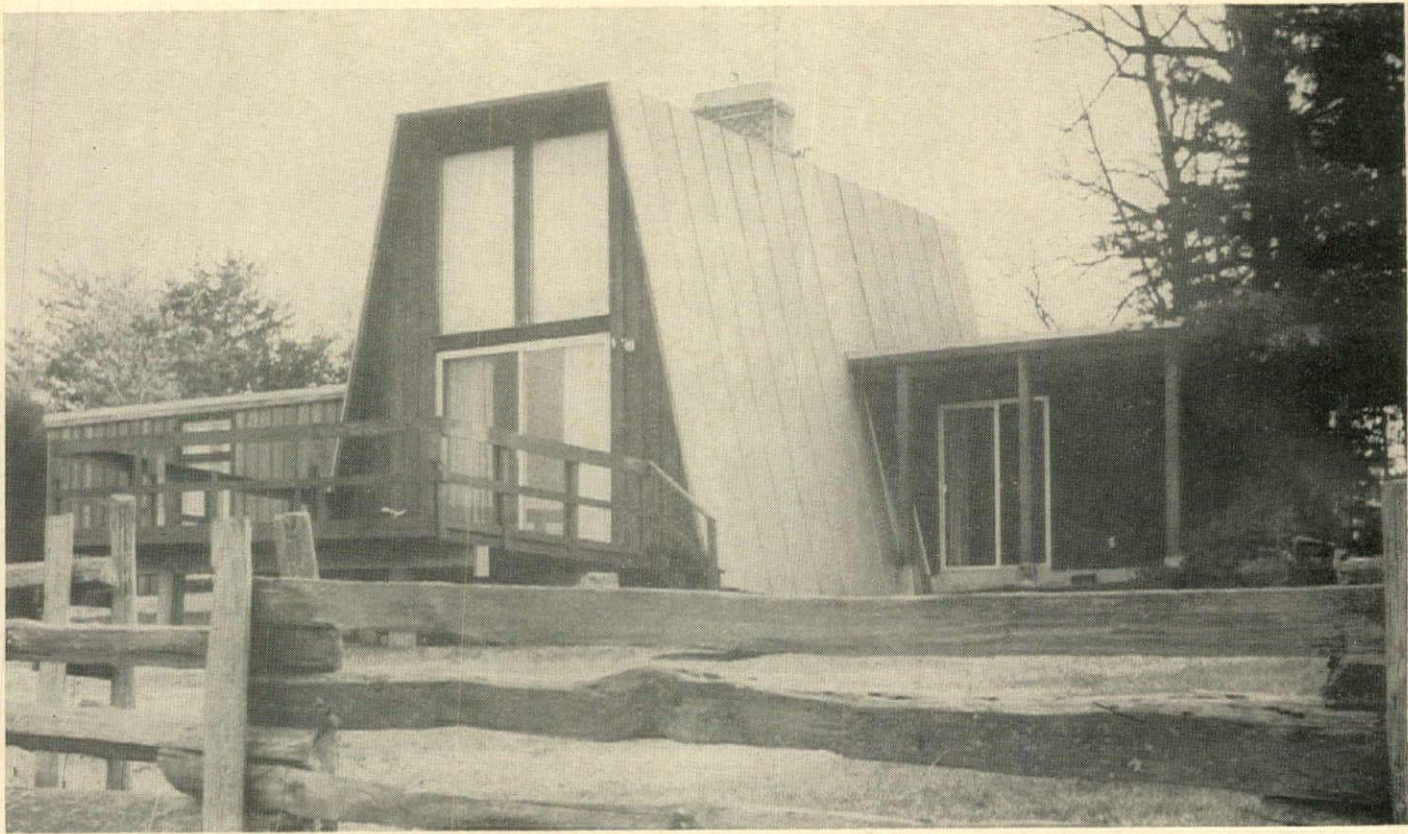
The flanking wings are slab on grade with a post and beam system 2" tongue and groove wood deck serving as the structure and interior finish, with bays at 6'-0" centers. The truncated "A" section contains the children's play room in the basement, the living room and entry level, and the studio-library areas which are supported by heavy timber trusses sheathed with similar wood decking at 9 foot centers. The midpoint cross member of the truss carries the studio library areas creating a 17 foot cathedral ceiling over a portion of the living room. The three levels are connected by the circular wood staircase which is comprised of 6-inch by 8-inch blocks of wood with the tread projecting from the center stack of blocks.

The living room opens to the wooden deck through the large sliding glass doors at the end which doubles the living room area and provides an unobstructed view of the mountains. All the interior paneling, resawn exterior siding, decking, exposed structural member and staircase are of Douglas Fir.

Both bathrooms are wood paneled and contain showers finished in cypress wood, carrying out the warm feeling the owners required. Although no precedent was available on the use of cypress in showers, a specification was written which required special nailing and joining. These have been in use for many months during which time moisture penetration was closely studied and found to be non-existent. Ceiling mounted sunlamps and heat lamps outside the showers aid in drying after usage.

(Continued on next page)





The door hardware was selected so that the wood handle could be locally made. These are of IPIL wood sometimes called ironwood or oilwood by the natives in the Pacific where it grows. This wood requires no finish as the natural oil contained in the wood comes to the surface as it is worked.

Most of the light fixtures are custom designed using local sheet metal and millworking shops for the fabrication of the shades and wall sconces. A separate guest cottage gives family and guests privacy. It is visually connected with the main house by a post and beam trellis of treated 8-foot by 8-inch timbers and a concrete walk of exposed aggregate. It is similar in shape to the center portion of the main house using

a different truss arrangement. The entire interior of the cottage including the tub surround is of redwood. It is electrically heated and completely self-sufficient.

Future expansion of the main house is provided for by extending the hallway through the closets at the end into two more bedrooms with additional closet areas or by developing the car-

port into the formal dining area. The latter expansion is being planned for this summer.

One of the most interesting observations concerning this novel house is the way original skepticism on the part of the construction crews gradually turned into interest and pride in a job well done, in carrying out details such as the heavy trusses, cypress showers, spiral staircase and other details, so much so that many brought their families and friends to see the house. The owners counted 32 visitors on one Sunday afternoon prior to their moving in. People still drive up the driveway for closer inspection, the more determined usually ending up with a guided tour of the complex.

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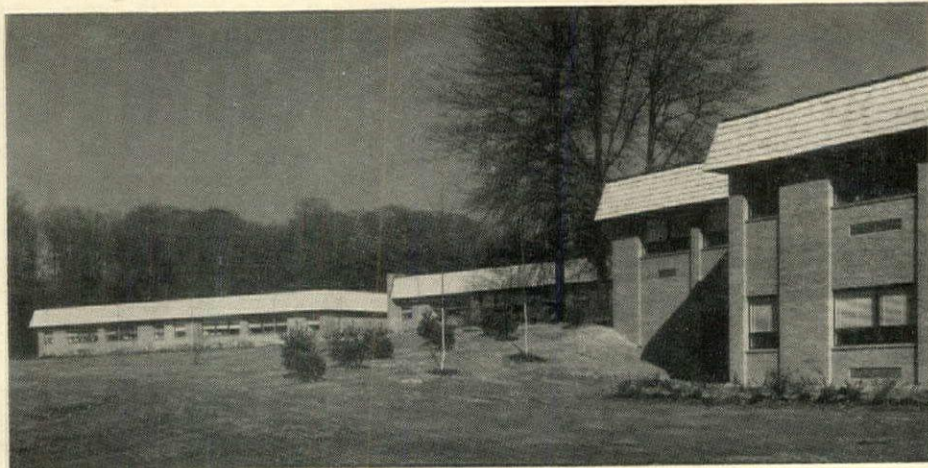
Two Alexandria Schools



ALEXANDRIA's new James K. Polk School was designed primarily to house first through sixth grade pupils but wide community use of the building will be encouraged.

While the main objective is the education of children, other uses of the building were considered and facilitated in the design.

The library is located and designed in such a way that it can be used conveniently by the public. There is an outside entrance to the library. Another enticement to community use of the building is the convenient placement of the multi-purpose room and dining room off the main entrance. The two rooms are separated by folding partitions which provide greater flexibility



JAMES K. POLK SCHOOL

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of the space and make it possible for large groups to hold meetings or stage other activities. The building also is totally air-conditioned and thermostatically controlled for year-'round use.

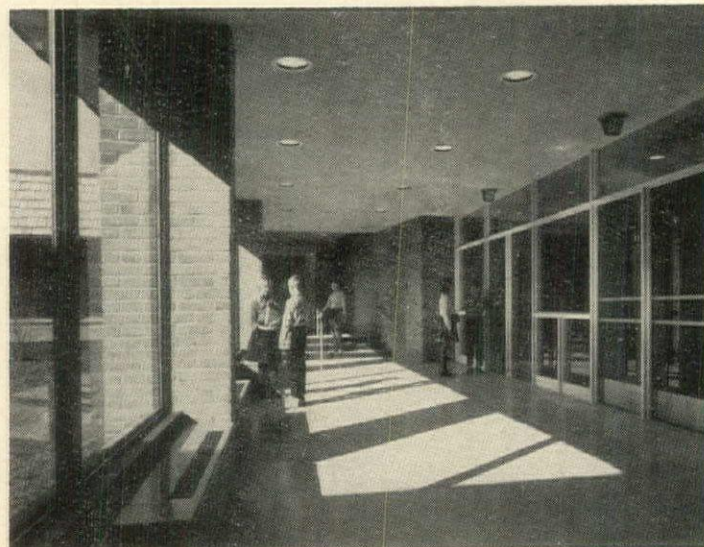
City recreational programs are conducted on the school play fields, so the outside equipment storage area is conveniently located. Toilets also are located so that they can be reached from play fields without going into the building.

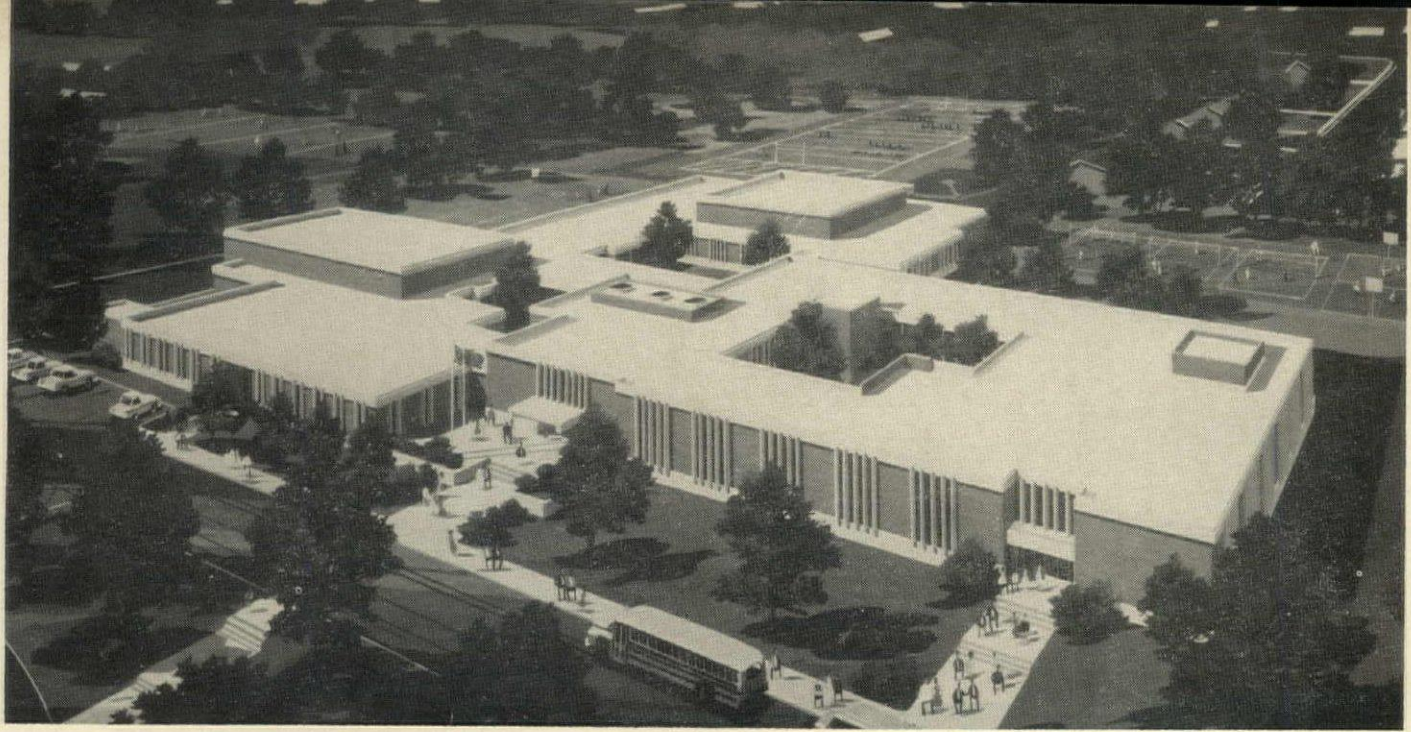
The very nature of educating children in this grade range dictated the design of the 900-student school. There are two basic groupings of classrooms—primary and upper elementary—each somewhat self-contained but related to mutually shared facilities. There is minimum cross circulation between the

two groups but administrative functions are provided for advantageously. The facilities common to both groups—multi-purpose room, dining room, administrative unit and library—have been situated around an inner open court which provides a focal point of the school for a variety of activities.

Another interesting feature of the school is the flexibility found in the music and multi-purpose rooms. The music room is directly behind the multi-purpose room stage. Acoustical folding partitions in front and back of the stage can enlarge the music room or the stage or isolate the stage as a teaching station. Thus stage, multi-purpose room and music room can be used simultaneously.

(Continued on page 45)





JOHN ADAMS MIDDLE SCHOOL

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WITH OPENING of the John Adams Middle School this year, the City of Alexandria will embark on a new two-part program to meet educational and community needs.

The school is the first in the city to be built as a middle school and will accommodate students in the seventh and eighth grades. It also is the first school in the city to be designed for complete year-'round community use.

To meet the educational aspects of the building, the school was designed to accommodate a fairly standard, departmentalized education program, but is so adaptable as to facilitate changes that may arise as the middle school program is developed.

The school also will be the location of a satellite unit of the City Recreation Department which will conduct community social, recreational and intellectual programs at night and between school sessions to meet needs of adults and students. This will be a self-contained unit consisting of a game room, two flexible club rooms, director's office, kitchenette and storage unit. The unit is located in close proximity to the school's physical education and vocational facilities and near the art and music, homemaking and industrial arts departments. At the same time, the outdoor play areas—volley ball, basketball, tennis courts and football fields—are so located as to be

convenient for school use as well as community use.

The \$2,026,000 building is located on an extremely odd-shaped site with limited access. The school is situated on a flat area but the "dog-leg" portion of the site has some severe topographical changes which have been utilized—wooded areas are left in their natural state for the community recreation program; cleared areas are used for sports fields of many types.

Architect for the school was Vosbeck-Vosbeck & Associates and the general contractor was M. L. Whitlow, Incorporated. The contract for the 132,000

(Continued on page 46)

SUBCONTRACTORS AND SUPPLIERS

James K. Polk School

From Alexandria: Higham Co., Inc., painting; Anning-Johnson Co., acoustical. From Arlington: Perrin & Martin, Inc., roofing; Miller Floor Co., Inc., flooring; Baco Co., Inc., plumbing, air conditioning, heating and ventilating. In Washington, D. C.: Capital Products, Inc., windows; Pittsburgh Plate Glass Co., glazing; Peter Gordon Co., Inc., waterproofing; Franklin Marble & Tile Co., Inc., ceramic and resilient tile. Others include: C & E Excavating Co., Falls Church, excavating; A. Myron Cowell, Inc., Silver Springs, Md., masonry; Vulcraft Corp., Florence, S. C., steel; Dodd Bros., Inc., Vienna, plaster; General Millwork Co., Inc., Rockville, Md., millwork; M. C. Dean, Fairfax, electrical work and Fries, Beall & Sharp Co., Springfield, hardware.

John Adams Middle School

From Alexandria: Innamorato & Pavone Co., masonry; Allen Glass Co., Inc., glazing; Higham Co., Inc., painting; Marty's Floor Covering Co., Inc., resilient tile; Bob Vranich, Inc., plumbing, air conditioning, heating, ventilating. In Arlington: Hope's Windows, Inc., steel windows; Electric Service Co., electrical work; Hardware Contractors, Inc., hardware. Others include: Elder Construction Co., Bladensburg, Md., excavating; Strescon Industries, Silver Spring Md., precast concrete; Adams Fabricated Steel Corp., Washington, D. C., steel; Southern Floors & Acoustics, Inc., Merrifield, acoustical; Dodd Brothers, Inc., Vienna, plaster; McClary Tile, Inc., Annandale, ceramic tile, and Ruffin & Payne, Inc., Richmond, millwork.





Subcontractors & Suppliers

The general contractor, Will & Cosby, Inc. also did the carpentry. Subcontractors and suppliers are as follows:

From Richmond: P. E. Eubank & Co., excavating & concrete; C. A. Guard, masonry; Holmes Steel Co., steel; Richmond Roofing, roofing; Miller Mfg. Co., Inc., windows & millwork; Allied Glass Corp., glazing; F. Richard Wilton, Jr., Inc., plastic finished wallboard; W. F. Weiler Co., insulation; W. Morton Northen & Co., Inc., acoustical & resilient tile; J. S. Archer Co., steel doors & bucks; Central Electrical Service Corp., electrical fixtures; Eanes & Co., plumbing; Dominion Heating & Air Conditioning, Inc., air conditioning, heating & ventilating; Pleasants Hardware, hardware; Sash Door & Glass Corp., toilet partitions. E. H. Martin Tile Co., in Sabot, furnished the ceramic tile.

Harrison and Bates Residential Sales Building

EDWARD F. SINNOTT & SON — Architect

JOHN W. RYAN, JR. — Associate Architect

ROBERT H. DEADERICK
Structural Consultant

BRANDT & MORSE
Electrical & Mechanical Consultants

MILTON GLASER ASSOCIATES
Interior Decorators

WILL & COSBY, INC.
General Contractor

▲ The continued expansion of the residential sales department of Harrison and Bates prompted the decision to form a separate corporation known as "Harrison and Bates Residential Sales," headed by Charles W. Shields, Jr.

Based upon this growth, it was decided to construct and maintain separate facilities for the corporation in an area which would be centrally located to all residential areas of metropolitan Richmond.

The firm of Edward F. Sinnott and Son, A.I.A., was commissioned to design a structure for the Patterson Avenue

location which would offer an identity for the new corporation and have a residential air about it. At the clients request, a traditional facade was to be the main design theme.

Brick quoins were employed in the load bearing perimeter walls, along with heavy window muntins and mullions and thick butt concrete shingles, to recall a style of architecture with which the client wished to be associated. The one-story building is 73 feet x 86 feet and is divided into two equal areas by a central bearing wall. Steel bar joists and insulated metal deck, roof the

areas. Floor construction is concrete slab on grade with an underfloor electrical and telephone duct distribution system. Floors are finished with vinyl asbestos tile and carpeting. The ceiling is suspended mineral fissured acoustical tile. Interior partitioning is accomplished with vinyl faced wallboard having aluminum batten strips, base and door frames; same are easily demountable to accommodate any future occupancy. Air diffusing light fixtures, with ducted supplies and returns to the rooftop heat pumps, provide heating, ventilating and air conditioning, in this all electric building.

**THE WALRUS AND THE CARPENTER
WERE WALKING CLOSE AT HAND:
THEY WEPT LIKE ANYTHING TO SEE
SUCH QUANTITIES OF SAND:
"IF THIS WERE ONLY CLEARED AWAY,"
THEY SAID, "IT WOULD BE GRAND."**

Alice In Wonderland

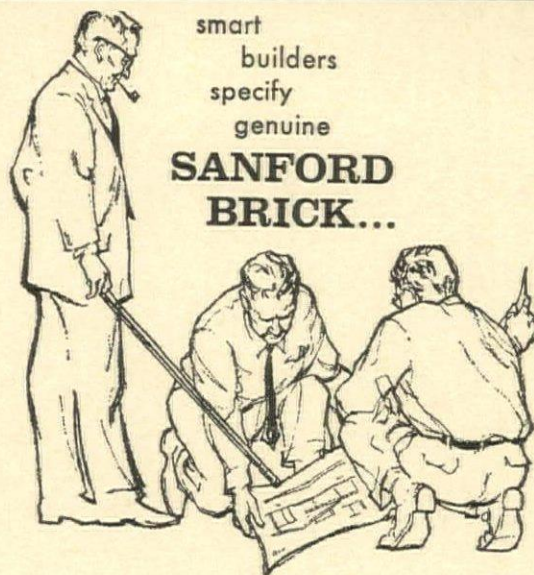
Lewis Carroll's Alice in Wonderland characters, the Walrus and the Carpenter, undoubtedly would pin a hero's badge on West Sand and Gravel. For clearing away sand and gravel to make safe highways and strong buildings is our business. And when the dust of our operations has cleared away, monuments to better living are seen . . . such as Interstate 95 and 64 . . . the additions to the Medical College of Virginia and Richmond Memorial Hospital . . . the new John Marshall and George Wythe High Schools and many more. Mining of sand and gravel is temporary but the result is lasting works that make life better for all the people. West Sand and Gravel Company, as an active member of the business and civic community of the Richmond area, is proud to have been a part of its growth and progress.



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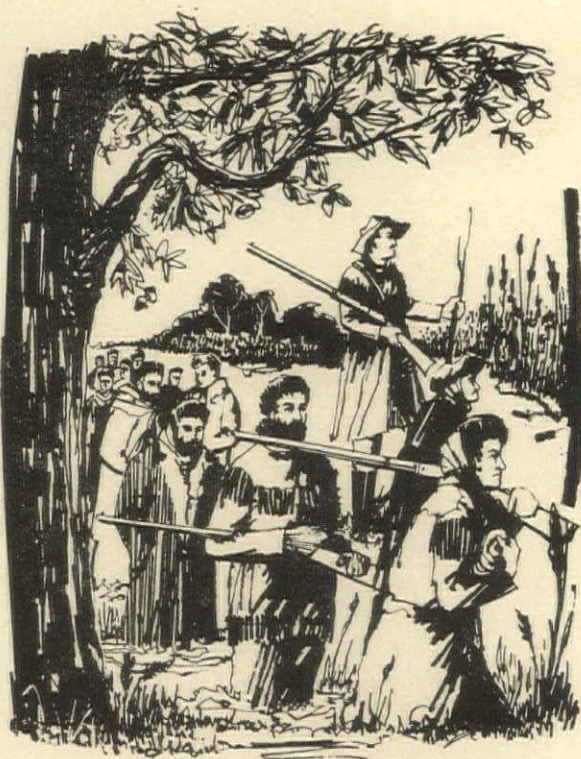
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Their capture was a stunning American victory. But Clark, with pitifully few men, could leave only a small garrison at Vincennes. In December, the powerful British recaptured it. They planned to take Kaskaskia in the spring.

Hearing of their plans, Clark did not wait for spring. The Long Knives marched. Marched in bitter winter, over the flooded Illinois prairies, often breast-deep in icy, swirling water. In February, they captured both fort and commander. The Northwest was ours.

Is this a road—180 miles of icy, flooded prairie? The march of the Long Knives made it so—a shining stretch in our Road to Freedom.

The road to freedom is seldom a highroad, with bands playing and flags flying. It is more often a rough way, unmapped, through darkness and danger. It has not been the way of ease and expediency, but the way of individual initiative and determination, that has paved our long American Road to Freedom.



VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA

Richmond Amusement Sales Company

GLAVE & NEWMAN
Architects

THOMAS SMITH
Mechanical Engineer

WILLIAM J. DAVIS
Structural Engineer

LEO GRIFFEN
Electrical Engineer

FRANK B. McALLISTER — General Contractor

● Plans for this building were influenced by two factors: a city sewer which runs diagonally across one corner of the site, and the owner's requirement that the office portion be located at the sidewalk. In keeping with this, the office portion is concentrated at one side of the front warehouse wall. The site has been entirely paved to allow for parking and to reduce maintenance. A brick retaining wall at the sidewalk forms a screen to the front parking court.

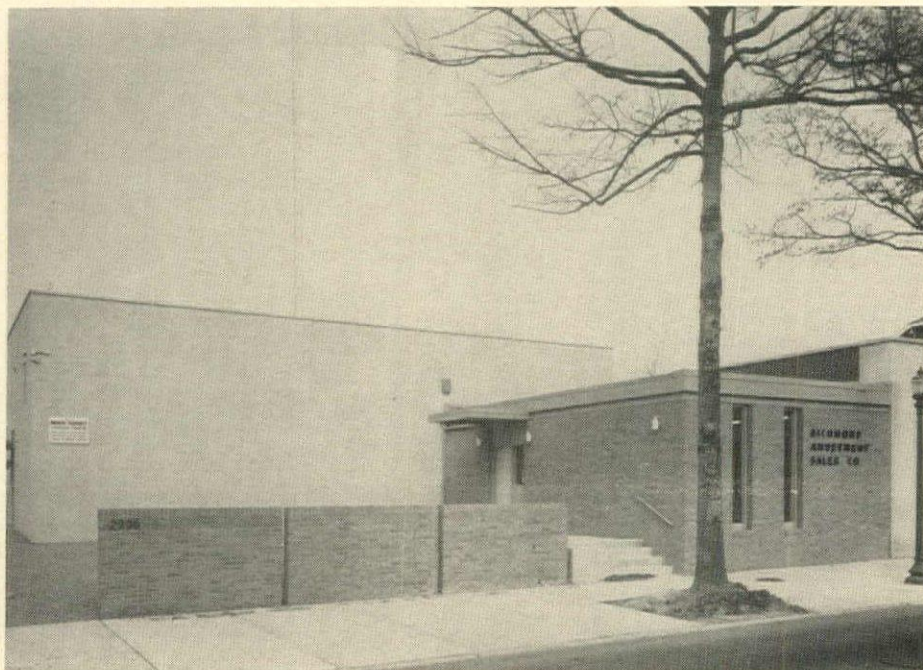
The office portion is faced with brick and has metal windows and doors. The

interior has a hung acoustical ceiling with lay-in units. Walls are wood with a stained finish. The owner's office has plywood paneling and the floor is carpeted. The warehouse features exposed concrete block walls and a concrete floor.

The roof system is prestressed concrete in "double tees." This system was chosen for reasons of security, for the absence of interior columns it allows and for the cleanliness and "uncluttered" effect of the ceiling. The roof slopes toward the rear of the building providing natural water drainage to a gutter, which necessitated setting the

"double tees" with the slope perpendicular to their span rather than parallel with it. This was accomplished by a sloping bond beam in the bearing walls; 8 x 8 x 16 bond beam block were set vertically in the wall for two courses and the sloping beam poured inside. Two-inch partition block, sawed to fit, were set between the legs of the "tees"; thus, masonry coursing was not broken.

Hot water baseboard heaters supply the heat in the office portion, which is also air conditioned. The warehouse is heated with gas-fired unit heaters, hung from the ceiling.



SUBCONTRACTORS & SUPPLIERS

(All Richmond firms unless otherwise noted)

Frank B. McAllister, Inc., general contractor, excavating, foundations, carpentry, waterproofing; Capital Concrete Corp., concrete; Scruggs & Thomas, masonry; Concrete Structures, Inc., prestressed concrete & roof deck; Richmond Steel Co., Inc., steel; N. W. Martin & Bros., Inc., roofing, insulation; Roanoke Engineering Sales Co., Inc., windows, steel doors & bucks; Street & Branch, Inc., painting; H. Beckstoffer's Sons, millwork; R. M. Greene, electrical work; Kane Plumbing Co., Inc., plumbing; R. E. Orcutt Co., plumbing and air conditioning.

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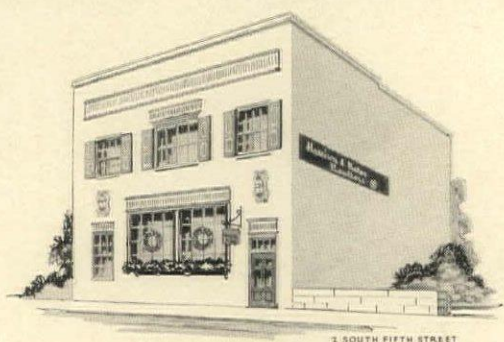
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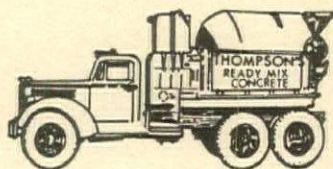
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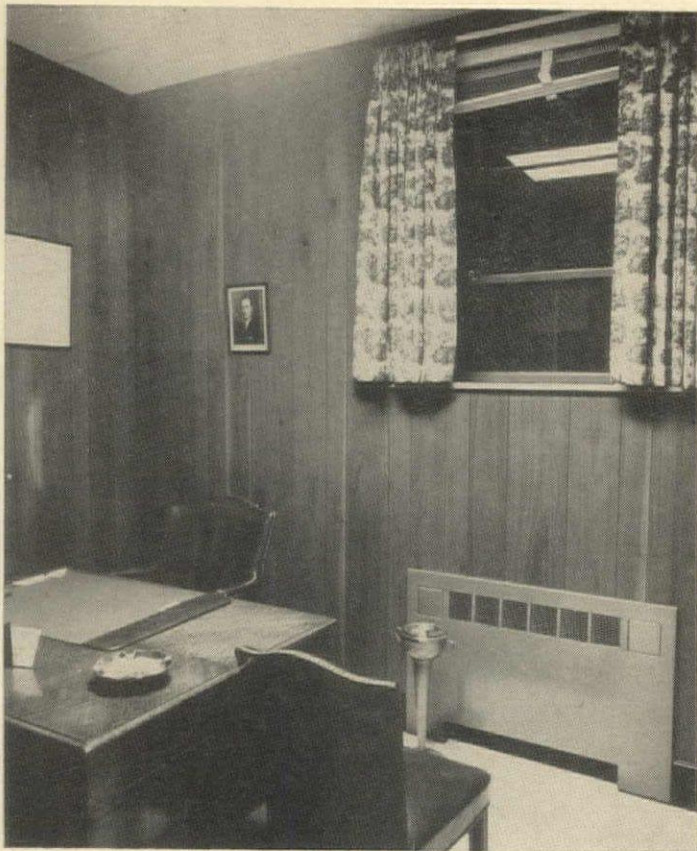
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GRACE HOSPITAL

E-X-P-A-N-S-I-O-N

SAMUEL N. MAYO, AIA
Architect



BURGESS CONSTRUCTION &
CONTRACTING CO.
General Contractor

▲ Nearly three hundred thousand dollars has been spent on a three-story-and-basement expansion program at Grace Hospital in Richmond.

Architect Samuel N. Mayo, A.I.A., described the project as an addition which is tied back into the existing building with changes that make the two work together and provide an up-to-date facility.

The basement of the new addition contains two x-ray rooms and an x-ray office, a cystoscopic room, fracture room and locker rooms for men and women.

Doctors' offices, a medical library and medical record room occupy the first floor.

There are seven semi-private rooms and a ward on the second and third floors offering a total of 18 beds on each floor. Also on each of these floors of the addition are a utility room and pantry and a floral storeroom.

Existing nurses stations are used on these floors to serve the new patients in the addition.

(Continued on page 47)



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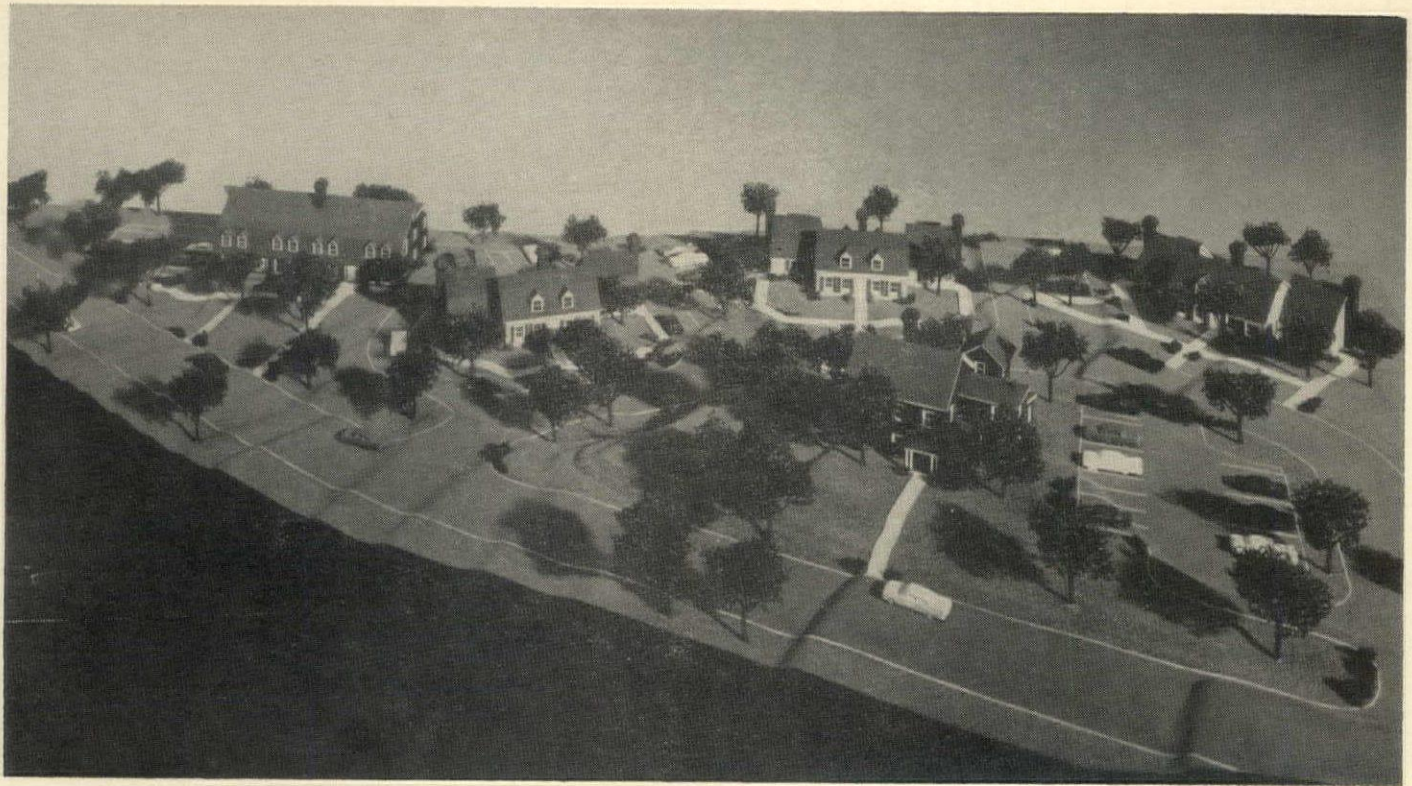
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Imaginative Charlottesville Development

by

STAINBACK & SCRIBNER
Architects

• In Charlottesville as in many parts of Virginia there are fine old antebellum homes standing on greatly reduced areas of open ground. One such is the property of Mr. Nathan Poole of Farmington.

This particular property of 124,000 square feet faces on State Route 754 formerly known as the "Old Ivy Road" and at one time as the Charlottesville-Staunton Turnpike.

This is just outside the city limits and adjacent to the grounds of the University of Virginia, the new University Hall and Field House.

In mid-1965, Mr. Poole seeking to develop this property in such a manner as to use and preserve the fine existing old house, proposed with his architects that studies be prepared along these lines.

The property is in the shape of a long triangle averaging in depth only about 210 feet. The old house is tree shaded and surrounded by fine plantings. The rolling land in this area pro-

vides a 30 foot fall in the land across the long dimension even though a large area around the existing house is for practical purposes level.

It was decided early in the planning to retain and restore as necessary, the existing home. This might be developed for use as a two-unit apartment building, a fine food restaurant or a combination Gift, Tea Room, Antique Shop.

Studies were made to develop the property for residence use. It was desired that the original character of the property be retained and that the development should be natural to that character. Thus evolved the idea of development along the lines of a fine old home surrounded by a cluster of guest quarters and studio houses.

Because it was decided the property should support 20 rental units, realization of this ideal was considerably hampered until the idea of a barn apartment was conceived. Then it became a job of determining where on the

property a large barn would most likely have been placed. Design then a building representing an old, remodeled barn structure to contain eight apartments and place it accordingly.

After that it was natural to develop three, four-unit house-studio clusters. These were conceived as a main guest house (two units) with studio wings.

The studio is possibly the more interesting of the spaces developed. It consists of an open interior space under a beam supported mansard roof with one glass wall rising into a dormer nearly as high as the ridge of the roof. Within this space an open balcony is reached by a free-standing circular stairway. Kitchen and bath are tucked under the balcony.

The project as developed in design to date is shown in the picture of the design study model.

Existing trees have been preserved. Necessary streets and parking have been blended so far as possible into a landscaped topography.

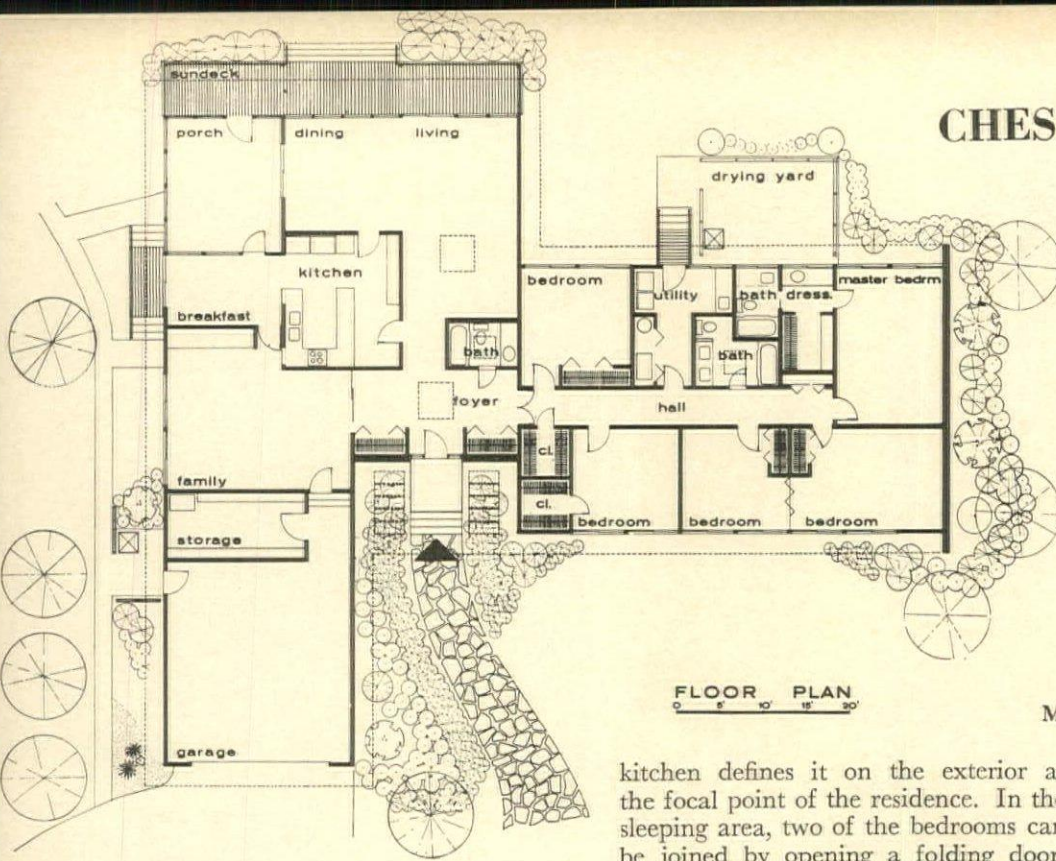
CHESAPEAKE RESIDENCE

*Features
Imaginative
Planning*

LASLO ARANYI, AIA
Architect

MANNING BROTHERS — General Contractor

FLOOR PLAN



THE site for this residence is in an exclusive neighborhood. The lot was by-passed for many years because of its low elevation. All of the surrounding lots were draining to the one low lot. It was decided to create an artificial lake behind the house to collect the water, and to use the excavated material to raise the house. The overflow from the lake is drained into an existing storm drainage system. The house was positioned on the lot so it would give an inviting feeling from the main approach.

To provide good circulation the kitchen was placed in the center of the living area. The clerestory above the

kitchen defines it on the exterior as the focal point of the residence. In the sleeping area, two of the bedrooms can be joined by opening a folding door. This provides a spacious playroom for daytime use.

The utility room was placed in the bedroom wing serving as a "mud" room for the children. There are pass-through openings from the adjoining bathrooms into a clothes hamper located under the sink in the utility room.

Construction is simple conventional wood framing with redwood board and batten siding and stone veneer. Interior walls are of plaster with the exception of the foyer, family room and master bedroom, which have walnut paneling.

Air conditioning is provided in a two-zone system with separate controls for the living and sleeping areas. Electric radiant heat serves the entire house

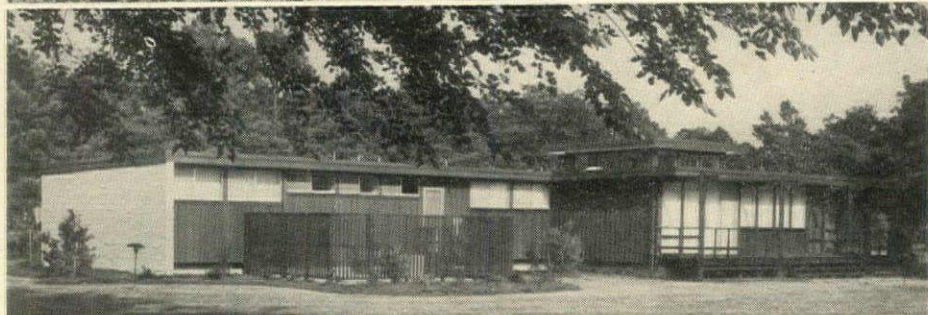
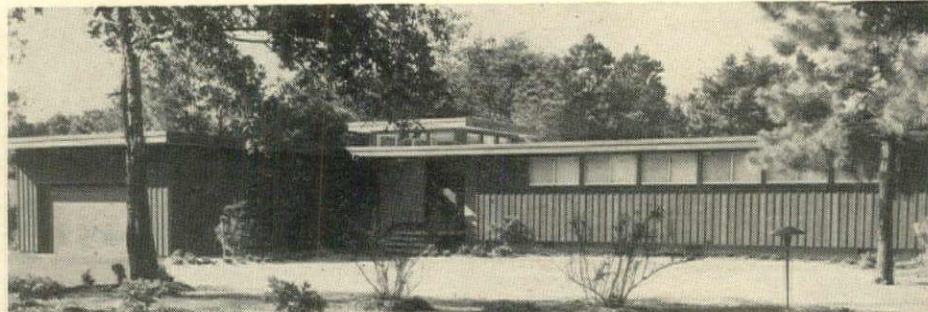
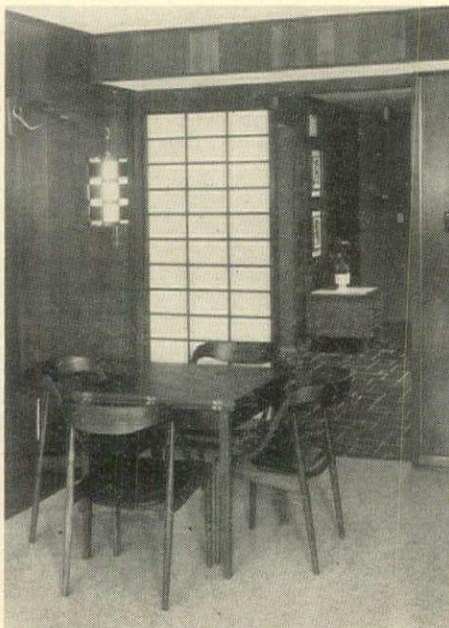
with individual room controls. The heating cables are located in the ceiling except in the bath rooms and the kitchen where the cables are placed in the floor as well.

The house is equipped with radio controlled garage door, intercom system, generous closet and storage space and many built-in items. Both interior baths have skylights. Skylights are also located in the foyer and the living room.

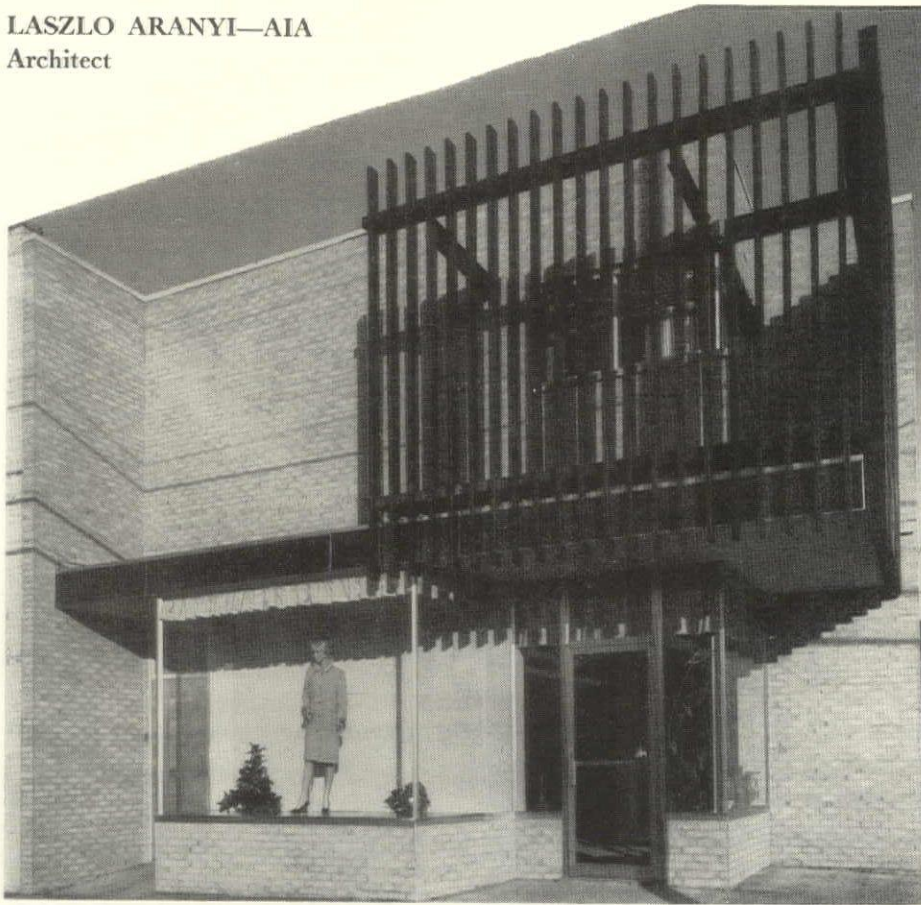
SUBCONTRACTORS & SUPPLIERS

(All from Portsmouth unless otherwise noted)

Manning Brothers, Inc., general contractor; George Smith, painting; J. E. Carroll Insulating Co., insulation; Jack Richardson, plaster; Foster Linoleum & Tile Co., resilient tile; W. C. Osborne Plumbing & Heating, plumbing; Pierce Heating & Air Conditioning Co., air conditioning & heating; Southern Materials Co., Inc., Norfolk; concrete; George Conwell, Rich Square, N. C., masonry; McDaniels and Sons Roofing Corp., Chesapeake, roofing; H. L. Morgan, Suffolk, ceramic tile; Baldwin-Myers Co., Chesapeake, handrails; Smith Electric Co., Virginia Beach, electrical work.



LASZLO ARANYI—AIA
Architect



Ladies Specialty Shop
For David A. Rawls
Hampton Boulevard
Norfolk

• This is the new home of David A. Rawls, Inc., Ladies Specialty Shop. The firm moved to this location after being in downtown Norfolk since it was founded in 1923. The new location is close to the expanding Old Dominion College campus.

Besides the store, the building contains a two-bedroom apartment on the second floor.

Subcontractors and Suppliers

(All from Norfolk)

Lindemann Construction Co., general contractor, masonry; Chesapeake Steel, steel; E. A. Oden'hal & Co., Inc., roofing; Pittsburgh Plate Glass Co., windows; O'Ferrall, Inc., acoustical; Wood's Plastering Co., plaster; Ajax Co., Inc., ceramic tile; Driskill & Ives, Inc., electrical work; Kemp's Plumbing & Heating Corp., plumbing.

SUGGESTIONS FOR A SUCCESSFUL BUILDING PROGRAM

By EDWIN H. KING, A.I.A.

of

LEE, KING & POOLE

■ Success in any building program of a large organization can be measured in direct proportion to the care exercised in three things:

First, the care in selecting the architect;

Second, the care in selecting the organization representatives who will play parts in the procedures;

Third, the care in fixing the procedures to be followed.

Harmony in the total effort is in direct proportion to open-mindedness exercised by all. Do not make *final* decisions on anything until absolutely necessary.

The architect will prove to be the most important single factor. He should be expected to provide:

to tell the Virginia Story

1. Overall direction of the total process, subject to periodic review and approval by organizational representatives;

2. A high degree of planning and design talent;

3. Sufficient technical manpower to carry out all professional responsibilities.

Selection of an architect should be the very first move. Once selected, use his services completely, beginning with his recommendations for getting started with the planning. Do not attempt to economize by using anything short of complete architectural services. A little more expenditure than might appear necessary will pay bigger dividends than anything else that can be done. He is

your diagnostician and the only person qualified to prescribe the physical facility necessary to meet your total needs.

The next move will be the selection of a building committee. This committee should be composed of individuals most familiar with the overall policies, purposes and functions of the organization. Knowledge of buildings is unimportant and can prove detrimental. The primary function of this committee is to act on all recommendations of the architect, thus providing him with guidance necessary to keep the total planning process headed in the proper direction. Depend on the architect for initiative.

Some one individual should be designated for "on call" advice and information.
(Continued on page 37)





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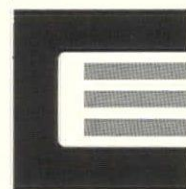
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COVINGTON-MARTIN FUNERAL HOME

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Architects

GILLOW ASSOCIATES
Interior Decorators

KENDRICK & REDINGER
Consulting Architects
Mechanical & Electrical

CLAUDE S. BURTNETTE, JR.
General Contractor

- This residentially scaled funeral home is situated between two churches on Route 7, approximately 1/4 mile from the Seven Corners Shopping Center in Fairfax County. A service drive along Route 7, with a large parking lot at the rear of the building, facilitates the formation of funeral processions in an orderly manner with very little interruption of traffic.
- Circulation within the building was a primary concern to give privacy to each family during the three main public functions: arrangements, viewing, and services. An elevator is provided for the convenience of the families as well as the movement of the heavy caskets.
- The building has been beautifully decorated with many reproduction pieces in the viewing rooms. The spacious lounge has been informally decorated in an Early American motif. The chapel has walnut pews to seat 120 and the building has been designed to receive an addition when it becomes necessary. This can be accomplished at a minimum of expense and with no interruption of business.

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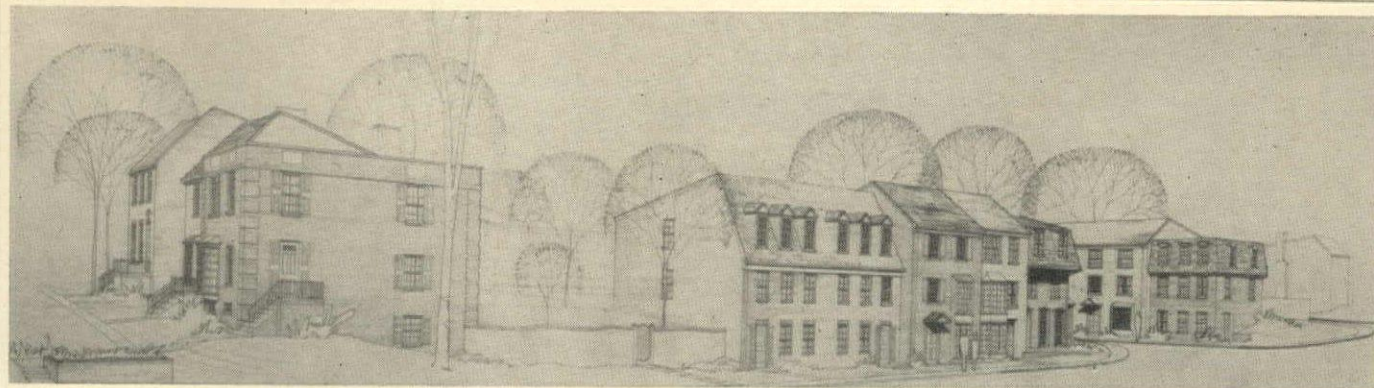
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- This fifteen-acre development of 143 rental townhouse units has been designed to give each resident a feeling of urban density and intimacy and at the same time respect the privacy of each individual. The units are clustered around the perimeter of the site, leaving approximately 30% of the total area for recreational purposes. All of the units have parking at the front door and most have parking at the rear, with an overall parking ratio of 2 1/2 spaces to each unit.
- Enclosed rear patios with a minimum of 700 square feet have been designed to give the individual families enough room to maintain their privacy, if they so desire, while the recreational areas invite the occupants to participate collectively.
- Minimum on-site grading will preserve many trees. Varied fence and wall designs, planter boxes, lights and meandering walkways will accent the topographic characteristics of the site.
- There are four basic types of living units with several variations of each to permit access at either the first floor or the ground level. Numerous elevations are available to give each unit its own individuality. Separate foyers, two fireplaces, separate dining rooms, dens, open stairways and recreation rooms with wet bar, are typical of the conveniences which have been incorporated into these homes.
- Financing has been completed and construction began in February on the first 25 units. 45 more units will be started in late spring with the balance scheduled for spring of 1967.

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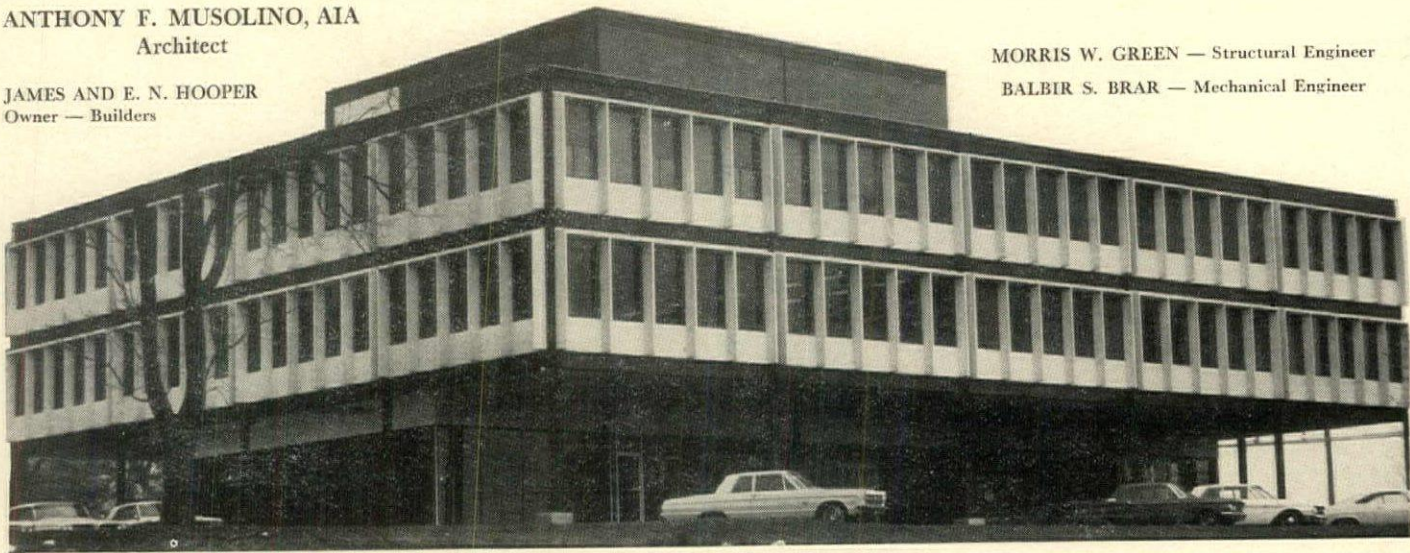
HOOPER-ALLSTATE BUILDING - FALLS CHURCH

ANTHONY F. MUSOLINO, AIA
Architect

JAMES AND E. N. HOOPER
Owner — Builders

MORRIS W. GREEN — Structural Engineer

BALBIR S. BRAR — Mechanical Engineer



▲ Design of the new Hooper Allstate Building on Route 7, in Falls Church, was a direct result of limited space on a deep and narrow site. Elevation of the building and a front to rear orientation allowed circulation and at the same time provided the necessary parking.

The first floor of this building is set back to provide drive-throughs to a rear parking area and to provide cover for the entrances. It is a steel frame build-

ing with precast concrete panels recessed into the frame.

The structure is exposed and em-

phasized with white aggregate precast concrete panels and deep sunshades set into the steel frame.

SUBCONTRACTORS & SUPPLIERS

E. N. Hooper Construction Co., Inc., Falls Church, general contractor, excavating, carpentry, paneling; Sweetman & Hall, Inc., Falls Church, foundations; Virginia Concrete Co., Inc., Springfield, concrete; Bristol Steel & Iron Works, Inc., Bristol, steel; Inland Steel Products Co., Baltimore, Md., steel roof deck; Earley Studio, Inc., Manassas, stone work; Allen Glass Co., Inc., Alexandria, windows, window walls; Pittsburgh Plate Glass Co., Washington, D. C., glazing; Southern Floors & Acoustics, Inc., Merrifield, acoustical, resilient tile; Firedoor Corp., New York City, N. Y., steel doors & bucks; Fred S. Gichner Iron Works, Inc., Washington, D. C., handrails; Noand Co., Inc., Falls Church, lighting fixtures and American Standard plumbing fixtures; Electric Service Co., Arlington, electrical work; Alexandria Plumbing & Heating, Inc., Alexandria, plumbing, air conditioning, heating, ventilating.

LEESBURG PARK & SHOP

ANTHONY F. MUSOLINO, AIA
Architect

MORRIS GREEN
Structural Engineer

DOLLAR-BLITZ
Mechanical Engineers

WALTER PHILLIPS
Civil Engineer



▲ Leesburg Park and Shop, a new shopping center at Bailey's Crossroads, utilized a linear design because of a long, narrow site. In order to relieve the straight line front, a buffer area was incorporated in the design in front of the main concourse. This area allows adequate visibility of the individual shops while at the same time planting areas, sheltered with wooden decks with structural steel supports, provide visual relief and space for the shopper to break away from the crowd for a moment's relaxation.

An effort to express the design through understatement was felt appropriate in this extremely commercial area.

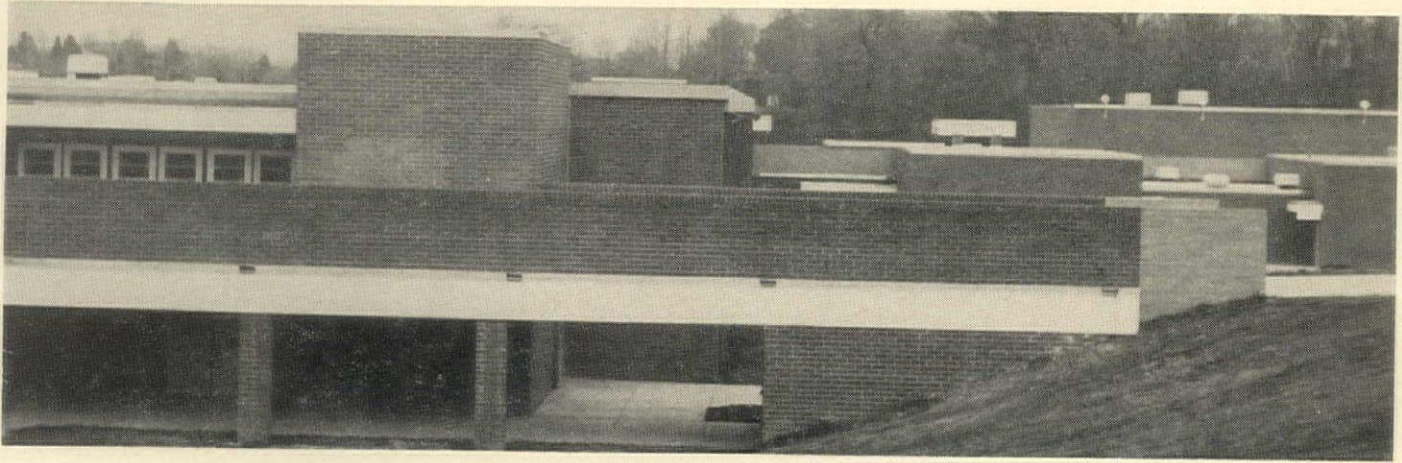
SUBCONTRACTORS & SUPPLIERS

Wagman Construction Co., Inc., Rockville, Md., general contractor, foundations, carpentry, paneling, waterproofing, weatherstripping; Va. Concrete Co., Inc., Springfield, concrete; Southern Iron Works, Inc., Springfield, steel; Republic Steel Corp., Youngstown, Ohio, steel roof deck; Arban & Carosi, Inc., Alexandria, stone work; Pittsburgh Plate Glass Co., Washington, D. C., windows, window walls; Allen Glass Co., Inc., Alexandria, glazing; Firedoor Corp., New York City, N. Y., steel doors & bucks; Walter Truland Corp., Arlington, lighting fixtures, electrical work; Kohler Co., Washington, D. C., plumbing fixtures; A. S. Johnson Co., Washington, D. C., plumbing, air conditioning, heating, ventilating.

LANGLEY SENIOR HIGH SCHOOL

ANTHONY F. MUSOLINO, AIA
Architect

H. L. KELLER & ASSOCIATES — Structural Engineers • KENDRICK & REDINGER — Mechanical Engineers • PATTON & KELLY — Civil Engineers



HILL & KIMMEL, INC. — General Contractor

▲ The recently completed 2.8 million dollar Langley Senior High School, in McLean, provides the right kind of learning environment for 2,000 students. Located on a tree surrounded rolling site the school takes advantage of the sloping terrain and a compact shape to reduce both construction and site work costs to a minimum. The slope from front to back allowed entrance levels at the second floor giving opportunity for an esthetically pleasing break from traditional entrances.

Most of the school is located under one roof level, a total of 209,136 square feet, with gym and loft spaces running through the two stories. Structurally, the building is bearing wall and steel frame with steel joists. Face brick was used inside and out on finished walls, keeping painting and maintenance to a minimum. Even with air-conditioning throughout, construction costs came in under \$12.00 per foot.

Subcontractors and Suppliers

Hill & Kimmel, Inc., Silver Spring, Md., general contractor, carpentry, glazing, waterproofing, weath-

erstripping, wood flooring; Thomas M. Veirs, Rockville, Md., excavating; Erwin Concrete Corp., Falls Church, concrete; L. F. Jennings, Inc., Falls Church, masonry, structural tile; Northern Va. Steel Co., Springfield, steel, steel roof deck; Va. Roofing Corp., Alexandria, roofing; Arban & Carosi, Inc., Alexandria, stone work; Republic Steel Corp., Youngstown, Ohio, windows; A. S. Johnson, Baltimore, Md., painting; Wayne Insulation Co., Inc., Alexandria, insulation; Bilton Insulation & Supply, Inc., Arlington, acoustical; D. Compe & Son, Arlington, plaster; Avon Tile Co., Washington, D.C., terrazzo, ceramic tile; Marty's Floor Covering Co., Inc., Alexandria, resilient tile; Ruffin & Payne, Inc., Richmond, millwork; The Philipp Mfg. Co., Easthampton, Mass., steel doors & bucks; Acme Iron Works, Inc., Washington, D.C., handrails; Electric Service Co., Arlington, electrical work; Baco Co., Inc., Arlington, plumbing fixtures, plumbing, air conditioning, heating, ventilating; Republic Steel Corp. supplied the lockers.

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Glave and Newman, Architects—William Davis, Engineer—and Frank B. McAllister, General Contractor used stock tees on the new building for Richmond Amusement Sales Co. (See description on page 20.)

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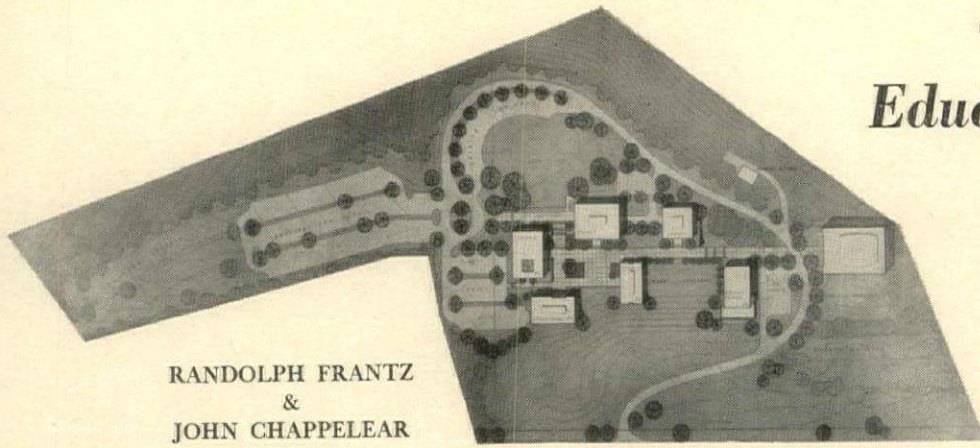


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RANDOLPH FRANTZ
&
JOHN CHAPPELEAR
Architects

SOWERS, RODES & WHITESCARVER
Mechanical & Electrical Consultants

FRAOLI-BLUM-YESSELMAN
Structural Consultants

STANLEY ABBOTT
Landscape Consultant

THE Continuing Education Building will be the first phase of the proposed Roanoke Continuing Education Center. The 35-acre site is located on Colonial Avenue within the city limits and is immediately adjacent to Fishburn Park. The topography varies from gently sloping to steep. The southern part of the site is clear of trees and the northern part heavily wooded.

The building will contain 28,681 square feet and 373,208 cubic feet, and is designed to accommodate a variety of facilities until later buildings are constructed. The ground floor, which will ultimately open onto a landscaped plaza, will contain classrooms, stairs, service areas, and mechanical equipment spaces. The 250-seat lecture room can be entered from this level, as well as from the first floor.

The first floor will contain the main entrance lobby, administration facilities, staff lounge, library, toilets, student lounge, and 250-seat lecture room, and stairs. When a separate library building is constructed, the area now devoted to the library will be turned into additional teaching or administrative space. The second floor will contain stairs, toilets, faculty offices, science labs, and classrooms. In addition to the interior stairs, an outdoor stair leading down to ground level will be provided from the second floor. This stair is needed in order to meet the requirements of the Virginia Fire Safety Regulations, and it was decided that this solution would be less expensive than a third inside stair. The stair will be designed in such a way that it will harmonize with the building.

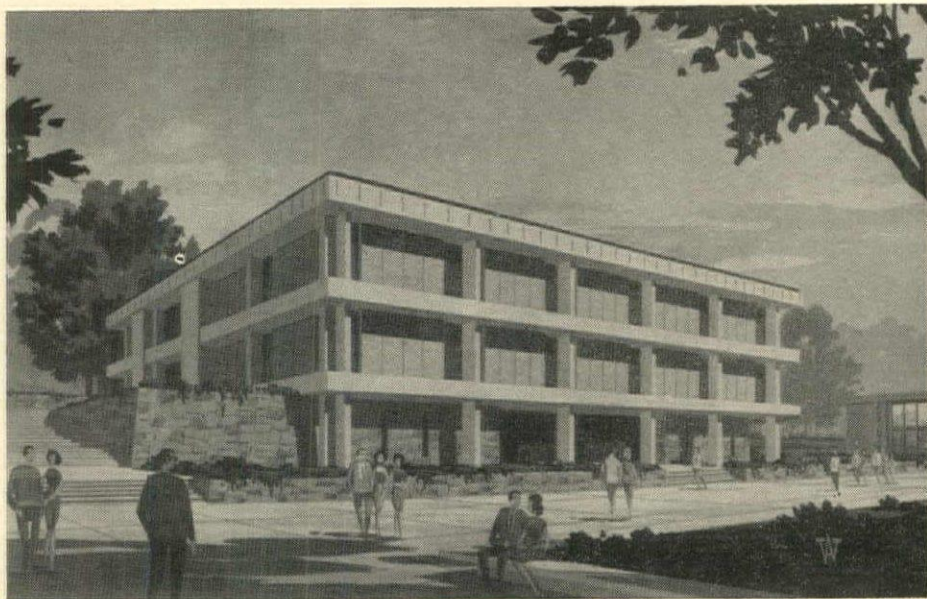
The building will be of fireproof construction. The construction will be reinforced concrete frame utilizing a

two-way concrete waffle slab for the first floor, second floor and roof. The ground floor will be concrete slab on grade. The exterior walls above grade on the ground floor will be field stone backed with concrete masonry units. Ground floor exterior walls below grade will be reinforced concrete. Exterior walls of the first and second floors will be precast concrete panels with exposed aggregate finish. Panels will be backed with concrete masonry units. All exterior exposed concrete columns, floor overhang fascias, and roof fascia will be smooth finished poured-in-place concrete. Windows will be gray tinted heat-absorbing glare-reducing glass set in anodized aluminum frames. Exterior doors will be glass with aluminum frames. The roof will be the built-up type over rigid insulation. The equip-

ment enclosure on the roof will be textured precast concrete.

Interior partitions will be painted plaster over concrete masonry units with an alternate using painted exposed concrete masonry units. Partitions in toilets will have a factory-applied glazed finish. Floors will be vinyl asbestos tile. Ceilings will be suspended acoustical tile. Interior doors will be solid core wood with formed steel frames and aluminum hardware.

In general, the building will be provided with year-round air conditioning, except for classrooms with outside windows. These areas will be designed for future cooling. Water service will be from the city water system. Electrical service will be underground and will be distributed to the building from a transformer vault on the ground floor.



New Martinsville Fire Building



J. COATES CARTER, AIA
Architect

RAYFORD SMITH
Structural Engineer

STANLEY H. CLARK
General Contractor

THE Martinsville Fire Department is located near the center of town and adjoins the congested business district. This locality provides convenient access to the various routes of travel through the one-way street system of the city. It also adjoins the most inflammable area of the city.

The plan provides for a lounge room with television for the firemen and a quiet isolated dormitory. It also has a multi-purpose room for meetings and dining adjoining the kitchen.

The building is equipped with a hose drying tower and a hose washing trough in the apparatus room. An adjoining room called the mud room is used for handling and washing clothes of firemen when they return.

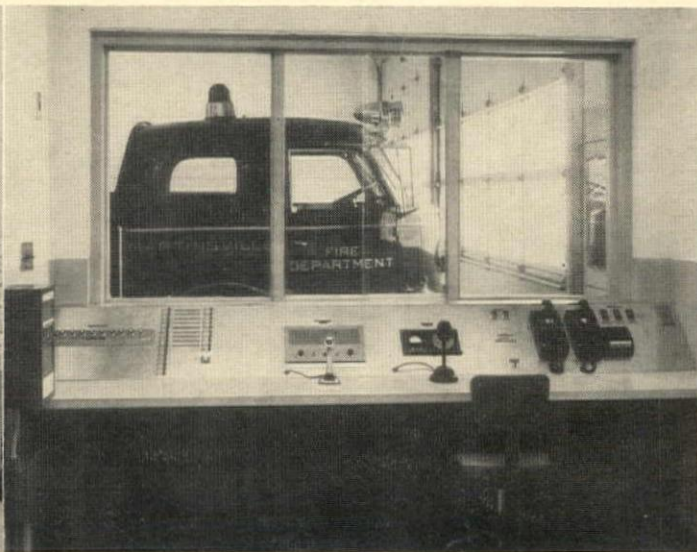
The entire building is air-conditioned with the exception of the apparatus room.

The building was completed and occupied April 4, 1966.

SUBCONTRACTORS & SUPPLIERS

(All Martinsville firms unless otherwise noted)

Stanley H. Clark, general contractor, foundations, concrete, masonry, carpentry, paneling; Martinsville Iron & Steel Co., steel, steel roof deck, steel grating, steel doors & bucks, handrails; Helms Roofing Co., roofing, waterproofing; Richard L. Shough, painting; Pittsburgh Plate Glass Co., glazing; Larry's Electric Co., lighting fixtures, electrical work; T. W. Clark, plaster; Bryant's Plumbing & Heating, plumbing fixtures, plumbing; W. H. Williams Co., Ridgeway, excavating; Economy Cast Stone Co., Richmond, stone work; W. Morton Northen & Co., Inc., Richmond, insulation, acoustical, resilient tile; Danville Lumber & Mfg. Co., Danville, millwork; Virginia Blower Co., Collinsville, air conditioning, heating, ventilating; Graves-Humphreys, Inc., Roanoke, hardware. Windows by Truscon Mfg. Co.



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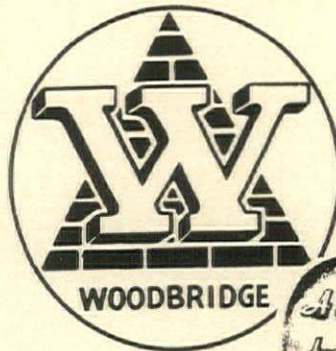
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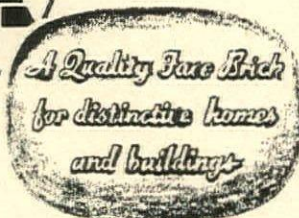


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Suggestions . . .

(Continued from page 27)

mation to the architect. The highest executive in the organization should see to this function either personally or by delegation.

Once these steps have been completed, schedule a meeting of all parties. This meeting should be in two parts. First, allow full expression of expectations, intentions and needs. Following full discussion, decide on procedures to be followed and agree upon immediate objectives to be reviewed and acted on at the next meeting. Follow this process until dedication day.

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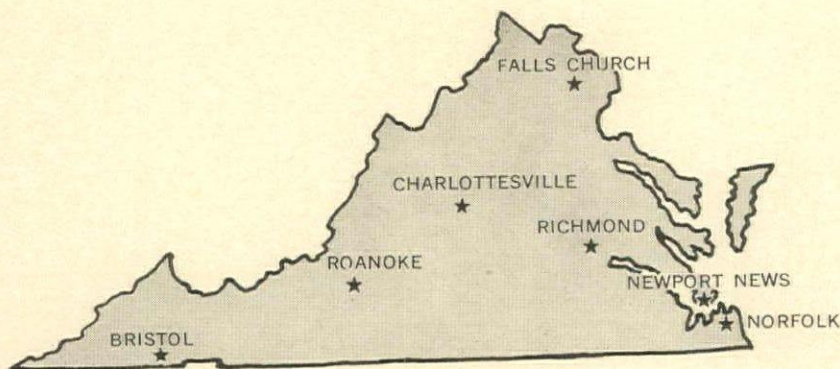
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AIA NEWS

(Continued from page 10)



Photo by Aufenger Studio

JOHN EDWARD KENNEDY

Kennedy, who was born in Norfolk on February 28, 1934, is a graduate of V.P.I. where he earned a B.S. in 1956. For the past year, he has been a partner in the Norfolk firm of Konikoff & Kennedy, and was a Professional Associate and Associate member of the Chapter almost seven years prior to his recent acceptance as a Corporate Member.



Photo by Olan Mills

OSCAR E. NORTHEN, JR.

After studying at Mars Hill Junior College and receiving a B.S. in Architecture from the University of Virginia in 1954, Northen studied City Planning at Yale two years, earning an M.S. degree in 1960. This Charlottesville native was born January 8, 1931, and is currently associated with John S. Waller & Associates at Virginia Beach.

AIA NEWS



JACK G. STARR

An Associate and Professional Associate member of the Virginia Chapter, AIA for almost four years, Starr recently advanced to Corporate membership. Since 1956, he has been with Clark, Nexsen & Owen in Norfolk. He was born in Memphis, Tennessee, April 15, 1929.



Photo by Olan Mills

RUDOLPH S. TAYLOR

Born in Hanover County, March 31, 1918, Taylor earned a B.S. in Building Construction from V.P.I. in 1948 prior to obtaining an M.S. in Architecture the following year. A member of Tau Sigma Delta, honorary fraternity, he has been with Clark, Nexsen & Owen in Norfolk since 1955. For the past two years, he has been a Professional Associate Member of the Virginia Chapter, AIA.

(Continued on next page)

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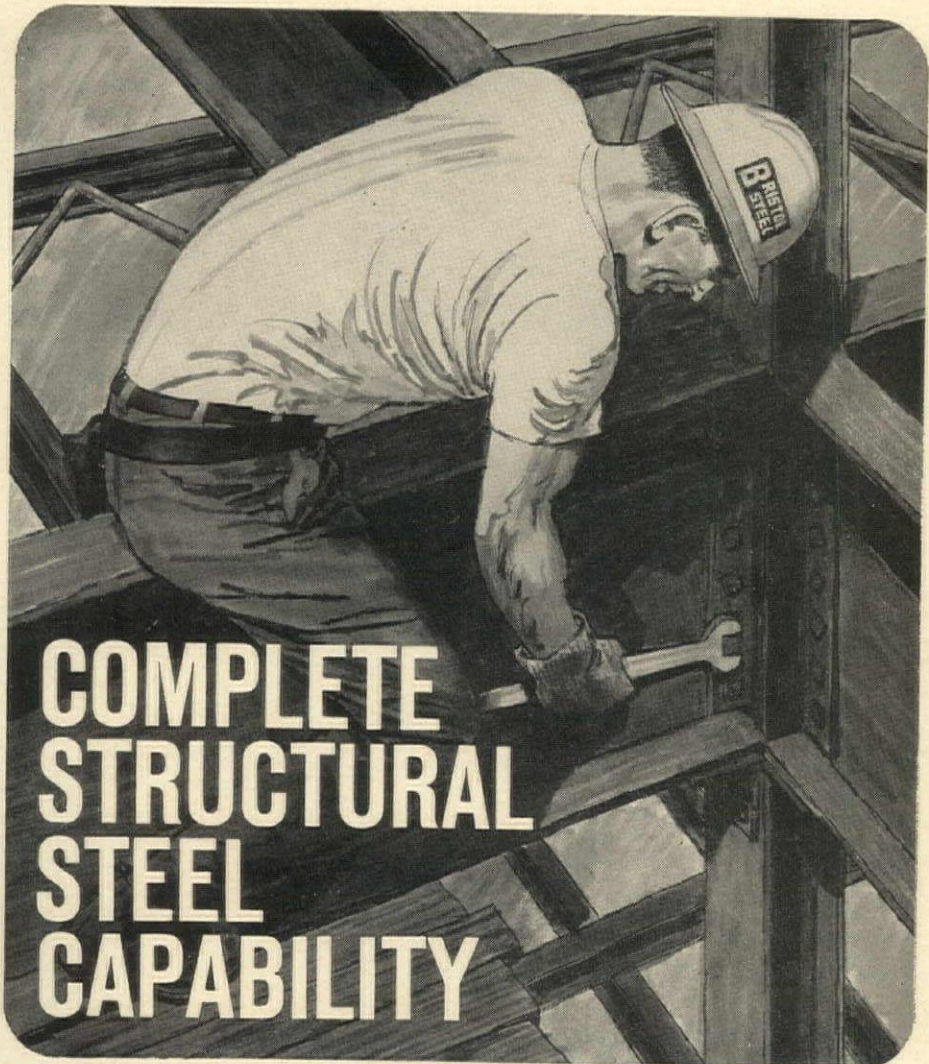
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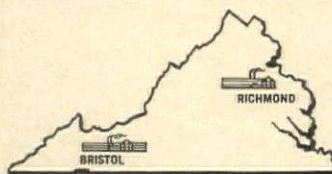
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AIA NEWS



G. WARREN VAUGHAN

A partner in the Richmond firm of Holcombe, Vaughan & Evans, he is a native of Chesterfield County, where he was born March 2, 1932. A registered architect in Virginia and Maryland, he earned his Bachelor of Architecture Degree in 1959 from North Carolina State University.



BYRON F. WILLIAMS

A native of Newport News, where he was born September 16, 1932, Williams currently has his own architectural firm in Hampton. While a student at Catholic University, where he received a Bachelor of Architecture Degree in 1957, he won first prize in the Whitney Warren Competition of the Beaux Arts Institute of Design.

(Continued on page 43)

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AIA News

(Continued from page 40)

Professional Associate Members

RICHARD W. EWBANK

(No Photo Available)

Born in Wilmington, Ohio, July 6, 1935, Ewbank is currently a draftsman with Rancorn, Wildman & Krause in Newport News. In 1957, he received his B.S. in Architectural Engineering from Ohio University in Athens, and has worked in the Virginia Tidewater area ever since then.

ROY E. GRAHAM

(No Photo Available)

Since last fall, Graham has been an architect in the Planning Department at the University of Virginia. Prior to that, he worked five years in his native Louisiana, where he was born in Shreveport, August 20, 1936. He is a graduate of Louisiana State University, where he received a B.S. in Architectural Engineering in 1960. He is currently taking correspondence studies from L.S.U.



WILLIAM W. McCATHERN, JR.

For the past two years, McCathern has been associated with David Warren Hardwicke & Associates in Richmond. A 1960 graduate of the University of Virginia with a B.A. in Architecture, he also attended the College of William and Mary. He is a native of Beckley, West Virginia and was born October 25, 1936.

(Continued on next page)

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AIA NEWS

Associate Members

DARRELL F. BRANSTETTER
(No Photo Available)

Born in Boulder, Colorado on March 5, 1932, he attended night school at the University of Colorado and at the Georgia Institute of Technology in Atlanta for four years. For the past three years, Branstetter has been a design draftsman with Hayes, Seay, Mattern & Mattern in Roanoke

ELLWOOD L. OWEN
(No Photo Available)

Since February, 1961, Owen has been a draftsman with the Richmond firm of Wright, Jones & Wilkerson. He is a 1961 graduate of V.P.I., where he received a Bachelor of Architecture Degree. A native of Richmond, he was born May 31, 1937.

EDWARD A. SMITH, III
(No Photo Available)

A native of Richmond and 1964 graduate of the University of Virginia, where he earned a Bachelor of Architecture Degree, Smith also attended the Ecole d'Art Americaine in Fontainebleau, France for three months in 1963. He is currently a designer with E. Tucker Carlton in Richmond.



CORRECTION

The coverage of the Dolph Residence in VIRGINIA RECORD, February, mentioned but neglected to name the Architectural Team of the University of Virginia. They are:

Roger H. Clark
Carlo Pellicia
John L. Ruseau and
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POLK SCHOOL

(Continued from page 16)

The building was designed by Vosbeck-Vosbeck & Associates and the contract for the \$932,149 structure was awarded to James L. Partello, Inc. on October 19, 1964. The site is in a fine single-family residential area and the building was designed to retain the residential feeling. Because of the rolling terrain, various levels are used to fit the lay of the land. Along the lowest side, a two-story section of upper elementary classrooms was introduced.

The 60,250 square foot structure is basically masonry load bearing wall and steel joist construction with brick exterior. The mansard roof treatment of heavily textured concrete shingles adds to the pleasing appearance and offers a degree of sun shielding in the glass area.

The heating and air conditioning systems consist of two package modified Scotch Marine boilers and one electric centrifugal chiller serving a system of combustion hot and chilled water piping. An air-handling unit serves the multi-purpose room. The system is zoned to permit separate usage of the library, multi-purpose room or dining room.

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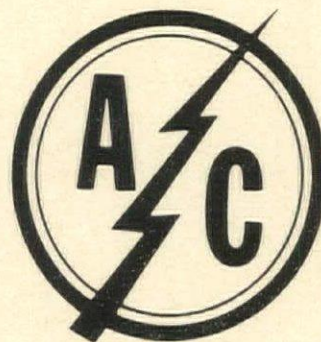
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MARTINSVILLE, VIRGINIA

J. Adams Middle School . . .

(Continued from page 17)

square foot building was awarded September 30, 1965.

Bricks, glass and precast concrete are used for the exterior with precast concrete window fins on the three-foot, four-inch module giving interesting accent to window areas and providing considerable sun shading. The building is a steel frame structure with masonry load bearing walls. Classrooms, library, teachers' lounges and administrative offices are carpeted.

The dual-use nature of the building has presented some special requirements in the heating and air conditioning system. The system, consisting of two brick set firetube boilers and one electric centrifugal chilled water piping unit is zoned to permit separate usage of facilities to be used in the city program. Generally, unit ventilators are used throughout with fan coil units serving auxiliary spaces. The gymnasium and auditorium - dining room are served by separate air handling units. The ventilation system consists of relief vents connected to plenums above the corridor ceilings. Power roof ventilators serve toilet rooms and auxiliary spaces.

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ALTAVISTA, VIRGINIA

Grace Hospital . . .

(Continued from page 23)

The general contract for the work was for \$243,500. Elevators were \$21,820 and air conditioning and heating \$20,945.

General contractor for the project was Burgess Construction and Contracting Co., who also supplied the hand-rails and did the excavating, piling, foundations, concrete and masonry work and carpentry. Principle subcontractors and suppliers, all from Richmond, are as follows:

Bethlehem Steel Corp., steel; J. B. Eurell Co., roof deck; N. W. Martin & Bros., Inc., roofing and insulation; Economy Cast Stone Co., stone work; Roanoke Engineering & Sales Co., Inc., windows, steel doors and bucks; Pittsburgh Plate Glass Co., glazing; M. P. Barden & Sons, Inc., painting; Ruffin & Payne, Inc., millwork and paneling; C. B. Smith Co., acoustical; A. Bertozzi, Inc., plaster; Oliva & Lazzuri, Inc., ceramic tile; C. B. Smith Co., resilient tile; L. W. Roberts Co., lighting fixtures; Varina Electric Co., electrical work; Kohler Co. fixtures installed by Wade Mechanical Corp., plumbing; Catlett-Johnson Corp., air conditioning, heating, ventilating and W. W. Moore & Sons, elevator and dumb-waiter.

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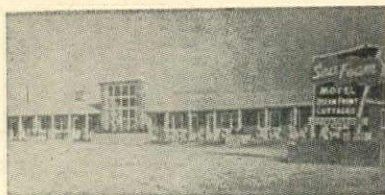
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FOR THE RECORD

New Appointments At Mid-State Tile



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HARROP

Fred H. McIntyre, Sr., President of Mid-State Tile Company, Lexington, N. C., recently announced the appointment of Jack Wagstaff as Director of Design and Merchandising. Wagstaff is available to assist distributors and tile contractors in designing and planning their own showrooms as well as customer installations. He will also be responsible for the Mid-State advertising and merchandising program, a field not new to him.

Wagstaff is a former vice president with Lavidge, Davis and Newman, an advertising agency in Knoxville, Tennessee, with offices in High Point, North Carolina. He has been associated with the High Point office for nine years and has supervised Mid-State's advertising program for the past six.

Mid-State Tile also announced the appointment of Ben Harrop as a ceramic engineer for their Lexington operation. Before joining Mid-State, Harrop was a Service Engineer for the Glaze Frit Lab—Ferro Corporation, Cleveland, Ohio.

Originally from Charlotte, North Carolina, he is a 1962 graduate of Clemson University with a B.S. degree in Ceramic Engineering.

Mid-State is a manufacturer of ceramic tile. A subsidiary, Montgomery Shale Products Company, located in Mt. Gilead, North Carolina, manufactures brick.

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Three partners have been taken into the architectural firm of Stainback and Scribner, but the firm name will remain unchanged.

The three—all of whom have been associated in the firm for several years—are Dale C. Hamilton, Riley B. Montgomery and Byron R. Sample.

The fourth partner is Louie L. Scribner, who—with the late W. E. Stainback—formed the firm in 1945. Stainback died last July.

All four partners studied architecture at the University of Virginia and all are members of the American Institute of Architects. Scribner was elected a Fellow of the A.I.A. last year.

Scribner has practiced architecture here since he finished his studies at the University in 1930, with the exception of the World War II years.

The firm has produced noteworthy buildings in most general architectural classifications: Banks, Schools, University buildings, Shopping Centers, office and doctor's buildings, motels, churches, commercial, industrial complexes and specialty groups such as a Nuclear Reactor building and also hospital and medical buildings.

Most of their work is generally in the Central and South Central Virginia area but one client, Blue Bell, Inc., carries them into North Carolina and Georgia.

Bruce C. Miller Named To Agriculture Post

Bruce C. Miller recently was appointed assistant to Virginia Commissioner of Agriculture Maurice B. Rowe.

Miller succeeded Archer L. Yeatts, Jr., who left the department April 15, to join Governor Godwin's staff as an executive assistant.

The Commissioner's new assistant has been serving as VDA's director of information—a position he has held since December, 1964. Prior to being named to that post, he was information officer in charge of press and publications.

In making the announcement, Commissioner Rowe said, "Mr. Miller is well qualified for this promotion, and it is always a pleasure to recognize talent within our department."

Miller, 34, joined VDA in June, 1963. Before coming to the department, he was assistant director of public relations and advertising with Farmers Cooperative Exchange in Raleigh, N. C., and prior to that, he was advertising assistant with Smith-Douglass Company, Inc., in Norfolk, Virginia.



Dan E. Spry (far rt.), manager of the new AMERICA HOUSE MOTOR INN AND RESTAURANT, shows Lucius J. Kellam, chairman of the Chesapeake Bay Bridge and Tunnel District, J. S. Lanahan, president of Richmond Hotels Incorporated, and J. Clyde Morris, executive director of the Chesapeake Bay Bridge and Tunnel District (l. to rt.), the view from the America House observation tower. The new resort, located at the northern entrance of the Chesapeake Bay Bridge Tunnel, opened earlier this month. (Please turn the page)



STUDENTS HONOR STATE'S OLDEST FIRM

John Marshall High School seniors Jim Gregory, Barbara White and Linda Taylor Smith (left to right) present a plaque to A. Churchill Young, president of the E. M. Todd Co., Inc. meat packers firm, which the school's chapter of Future Business Leaders of America found to be the oldest business in Virginia. The company was founded in Smithfield in 1779 and moved to Richmond in 1906. Devoe & Reynolds Paint Co. here is an older company, the student researchers said, but was not founded in Virginia. The student research project, which led to the plaque presentation in March, was preliminary to an exhibit of the state convention of the group in Richmond in April.

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A Visitor . . .

(Continued from page 5)

machine, one machine following close on to another until in pictures the processions looked like lines of giant ants. As the automobile-machines took up so much of the space between the sidewalks when they were left idle, which was most of the day, buildings were razed to make room for the machines to be left in. Even so, apparently, the crowding in and out had been very tedious. To go downtown for a dinner or to attend the theatre or to shop became such a time-consuming and nerve-wracking experience that the automobile-machine was given as one reason for families moving away from the city proper.

What puzzled Dr. Cyphermann, and his associates too, was why the people were so long in evolving new means of transportation. It seemed odd that the cities were abandoned to save the automobile-machine, even though the old newspapers constantly harped on its disadvantages. It was difficult to imagine living in the noises that were described, with the air filled with gaseous fumes, and the presence of danger to life and limb. The newspapers kept toll-sheets of persons killed each day and the pictures of the machines crashing into one another on their lanes were quite horrifying. In all past periods, there were legal practices that seemed incomprehensible. Dr. Cyphermann believed the legalization of this death and mutilation, along with the nerve-shattering noises that invaded the dwellings, was the most incomprehensible practice of the middle and late twentieth century.

Soon he stepped off the escalator at a charming small park, and saw ahead the museum which had once served as the Capitol of Virginia. Most of the other states had long since demolished their impractical relics of obsolescence, but this quaint old building held some historic significance to enough of the state citizens for it to have been preserved. This was fortunate for Dr. Cyphermann, for it helped him in his researches actually to see landmarks of the other times. As with the automobile-machine, it was sometimes difficult

to envision the living details of another time.

He entered the museum by a side-door that opened into a passage similar to the passages in old dungeons. He punched out his name and appointment-time on the reception-ometer, and almost immediately an old gentleman appeared. His identification lapel read: Powhatan Cabell Zyswheltski. This was very pleasing to Dr. Cyphermann, as he had been told that Zyswheltski not only came from a family of native Virginians but that he retained a clear memory of his childhood during which he had heard much

about the olden times from his grandfather. Mr. Zyswheltski had a gentleness of manner which suggested to Dr. Cyphermann the courtesy that was said to characterize the native Virginians of the past and it was evident that the white-haired old gentleman—who was easily pushing 90—identified himself with the historic period. There was a certain wistful proprietariness about him as he took the visiting historian through the old-fashioned chambers.

Dr. Cyphermann looked at the little desks where the members of the House and the Senate had sat. Mr. Zyswheltski talked with pride of the days when the Governor was an executive, and not merely an honorary dignitary, and explained how the Governor delivered the various measures of legislation he wanted passed. Dr. Cyphermann grew somewhat confused. "You mean," he asked, "that the Governor stated his objectives, then committees decided which ones to present, then there was a public debate in these chambers while the henchmen of the Governor went around collecting the necessary votes regardless of what arguments were being adumbrated from these little desks?"

"Well, it wouldn't be precisely accurate to say 'regardless' of the adumbrations."

"But, I don't see any significant relevance between the henchmen gaining the votes of decision and the oral adumbrations."

"I don't suppose there was much, but that was the ritual of the democratic process. I suppose it does seem a little wasteful."

"From what I've gathered in my research, what strikes me more than the wastefulness is the fact that the whole operation seemed to prevent the possibility of any long-range planning. It seems to me they were always catching up, as it were. I have notes on certain periods when the legislators would discover that huge amounts of money were needed to *remedy* situations, and then the people would be assessed more taxes. But they never seemed to plan what would be needed, say 20 years ahead, and then compute the precise costs."

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their ways, it is difficult to imagine men working without computers. But, in those days, the legislators had vast confidence in their abilities to solve all problems in their own heads."

"Since you obviously have an admiration for those times, I feel apologetic in asking this, but how do you explain the problems which they seemed to ignore altogether?"

"You do understand that in the democratic process there were—what was called—'checks and balances,' or 'give and take'?"

The historian nodded.

"That meant that in conflicts of interests, each side was supposed to give a little, so that in all the exchanges sometimes the whole seemed to be ignored."

"Please forgive me if I appear obtuse, but my research would indicate that sometimes the side that could muster the most votes would have its own way without any give at all, even though significant parts of the whole presented what—at least from a distance—appear to be valid arguments for their own welfare."

Mr. Zyswheltski moved away to a foyer to display some busts of early state heroes. He said, rather stiffly, "The system, of course, was not perfect, since it was composed of fallible humans rather than of precision instruments."

"But, if I may press this point, if the people wanted to continue their inexact processes, why did they not make the best use of the available brainpower

to make the operation as efficient as possible? Why did they not, for instance, unify the units of government to eliminate some of the 'conflicts of interest' and establish a commonality of interests?"

"It is always difficult to get you people to see that their customs were dear to them. They were accustomed to having counties and cities as entities in the state, just as they were accustomed to—and, indeed, proud of—having their state an entity in the nation. Your researches must have shown you the intensity of their desire to maintain the sovereignty of these entities."

"I must say, that my research also shows me the intensity of the desire of tribal chiefs to maintain their sovereignty against the barons, the barons against the kings, the kings against the people, and each entity to maintain itself. In your case, you had counties and cities actually working against one another *even during the period* when the state itself regarded its amalgamation by the Central Government as a threat. There was one period of heavy taxation, for instance, when the people were paying taxes to the cities and/or the counties, to the state and to the Central Government, in addition to taxes on items of purchase and everyday use. These taxes were diffused to support the Central Government, the state government, city and county governments, and they all seemed to be working at best at separate ends and at worst at opposite ends."

"That," said Mr. Zyswheltski with coldness, "was their choice. It was the custom."

Dr. Cyphermann hesitated. But, this was an answer he desperately wanted. "If the people wished to preserve the state's entity, surely the separate units must have been aware of the maxim: 'divide and conquer.' Could they not perceive that they were dividing themselves so as to make their absorption by the Central Government simpler?"

Mr. Powhatan Cabell Zyswheltski said with icy disdain, "It is obvious that none of you cause-and-effect observers can appreciate the inner rewards experienced by citizens who were motivated by human, personal considerations—however short-sighted they might appear from your sterile judgments."

"Just one minute more, please! You don't actually mean that they did not understand cause-and-effect — that an act today would have an effect in the next decade?"

The old gentleman almost spat. "They were *above* cause-and-effect." With that, he opened doors on an expanse of white stone steps and waited for Dr. Cyphermann to take his leave.

The historian shook his head and left, muttering, "It's a wonder the state governments lasted as long as they did."

The doors banged shut behind him, closing off a musty museum of a world which. Dr. Cyphermann was forced to admit, he would never comprehend. Probably none of his contemporaries could ever really put themselves back in a time when governments—Federal, state, city, county, or whatever subdivision—operated on the presumption that man was rational.

Going back to the monorail, he took the express streetolator for speed. However nostalgic one might feel for physical aspects of the other times, it was scary to think of living when one's security depended upon, what Mr. Powhatan Cabell Zyswheltski had called "fallible humans." Whizzing between the casual walkers on the sidewalks, he thought of those automobile-machines screeching and roaring and puffing out gases, each driven by a fallible human who felt himself "above cause-and-effect," and the historian shuddered. He would be glad to get back to his own planet.

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