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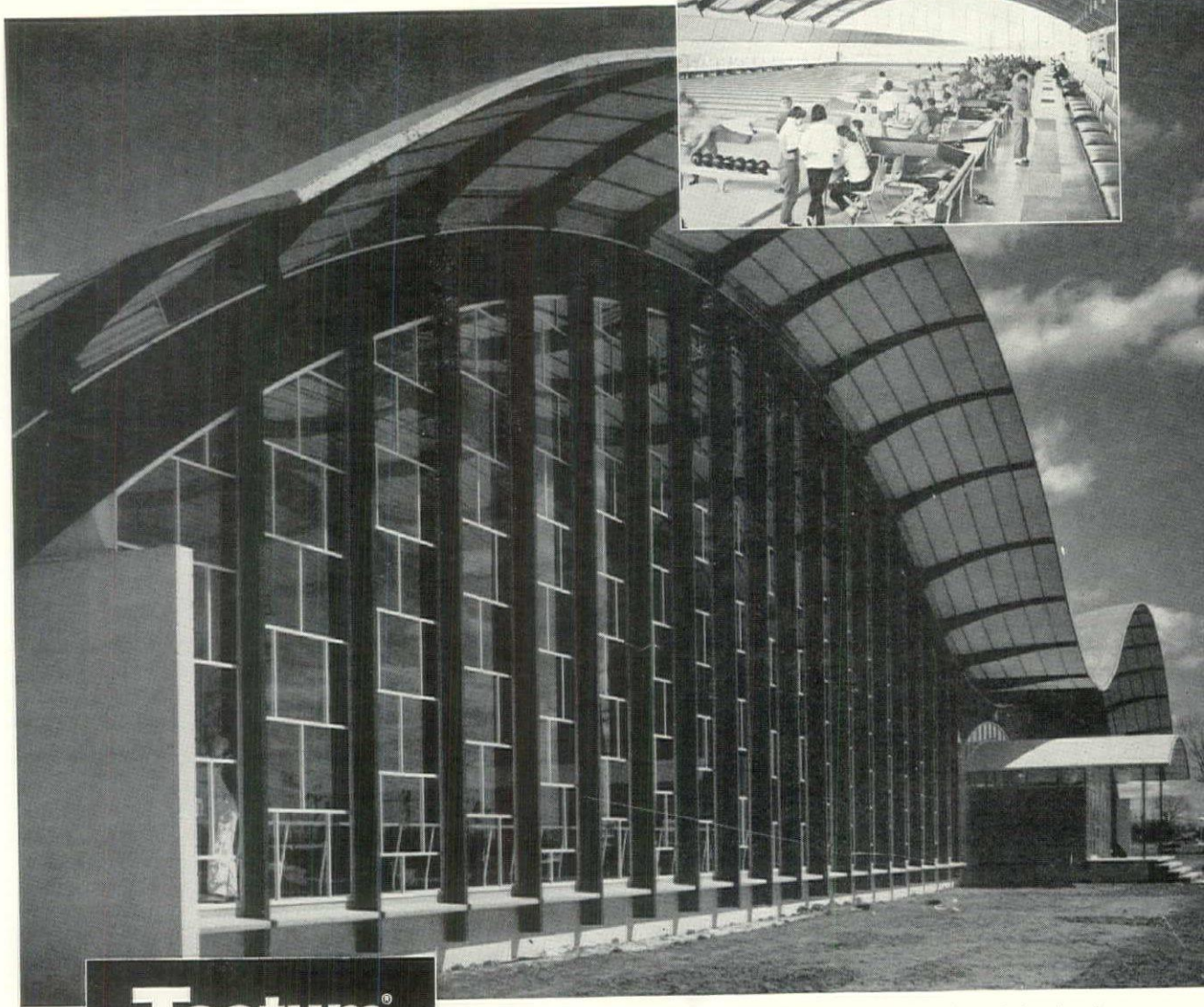
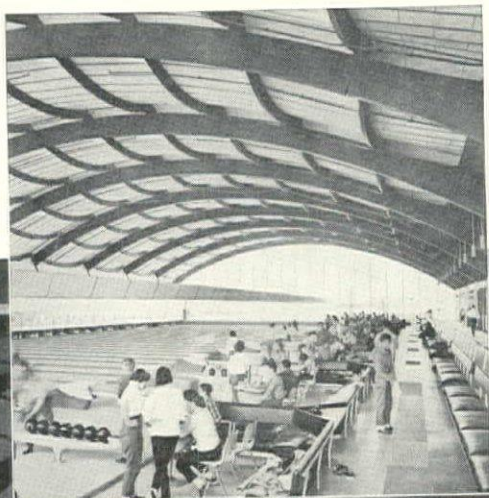


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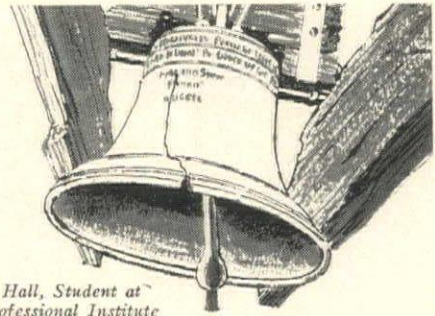


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*Art by Giles Hall, Student at
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He was stating a basic principle of the American concept, a principle on which our country was founded, a principle we have fought for throughout our history as a nation: Individual liberty—for ourselves, and for all men.

Abraham Lincoln said much the same thing when he stated that a government should only do for the public what the public cannot do for itself.

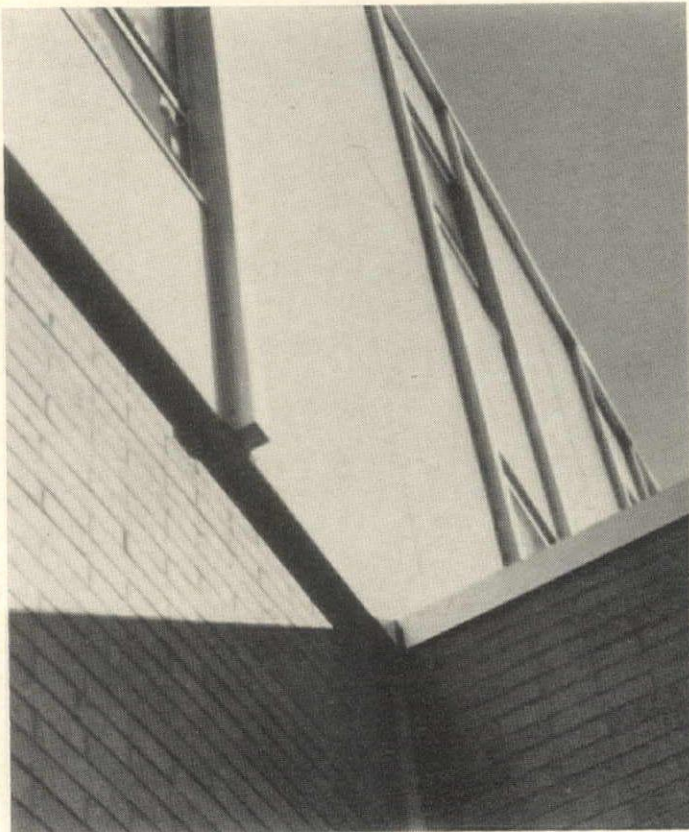
And Woodrow Wilson agreed in these words: "The history of liberty is the history of limitations on the power of the government."

No, these men were not anarchists. They were great Americans—and great humanitarians. They believed in the dignity and integrity of the individual. They believed in the right of the individual man, and they defended his most vital right of all: The liberty to live one's own life, and seek one's own rewards, within the framework of a just and balanced government.



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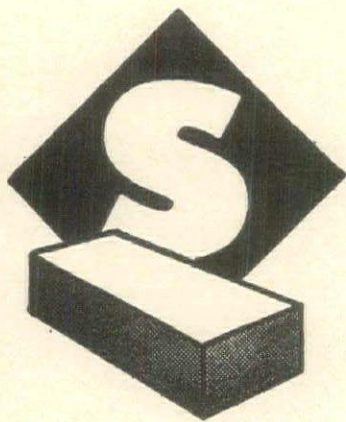
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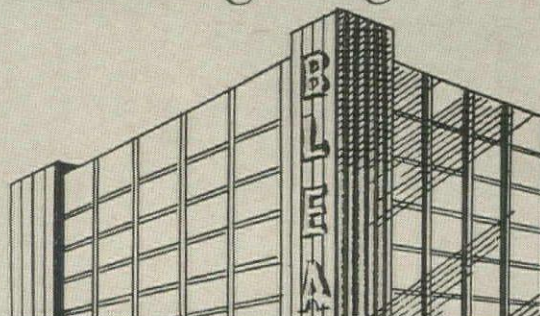
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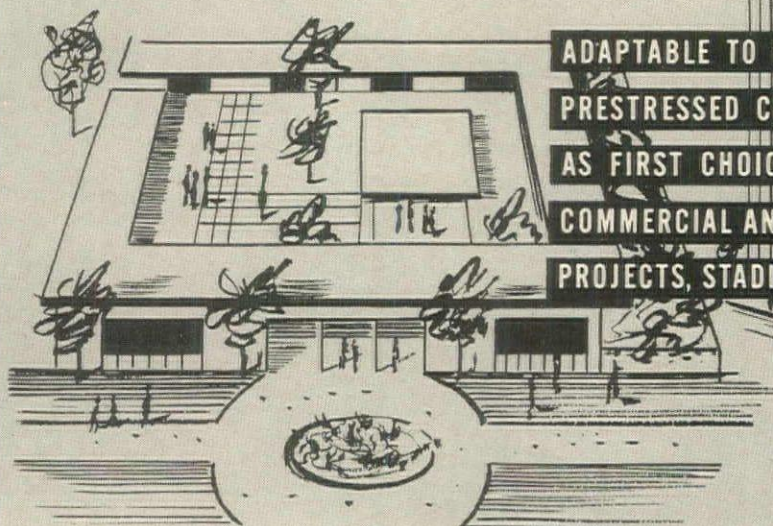
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VOLUME LXXXIV

MAY 1962

NUMBER FIVE

Museum Without Walls

LAST OF THREE PARTS

FOR GOVERNOR HARRISON'S PURPOSE OF PROMOTING a "cultural renaissance" to work, the movement must begin at the top. Since the base of cultural inertia can not be narrowed, in the present mental climate of the country what must be done is to try and widen the thin apex of cultural awareness.

Specifically, this would open a field of study in which all could participate, but which would be established at certain interrelated centers, much like a museum on a larger scale. The Virginia Museum of Fine Arts, for instance, has met with gratifying success in its educational programs throughout the state and with its traveling van of paintings, the "Artrmobile." Painting classes for all ages, from little children to the frankly amateur adult, have at the very least stimulated interest in the participants and deepened their appreciation. These activities will never reduce the crowds at the gladiatorial shows and flea circuses, but they do and have reached many responsive persons who had not found escape in the diversions which America developed as an answer to the Sistine Chapel.

The field of study would essentially be a correlation of knowledge designed for speculation, or contemplation, on man's relation to the universe with the end of seeking some understanding, some merest glimmer of illumination, on the consciousness of the whole. That troubled people are seeking answers, in contrast to using the opiates of escape, is attested to by the success of the books and lectures which attempt to provide some deeper insight into the total consciousness. As of now the books which met with the greatest success have been those that presumed to provide some ready-made answers, but this is not necessarily a bad thing. It indicates that people want answers into the meaning beneath the disconnected fragments of a bright technical world.

These studies would embrace interpretive history, arts and letters in a single, correlative concept (as is being done in several Eastern universities), further correlated with philosophy and psychology—all, of course, based on modern scientific knowledge. The Great Books program has attempted something of the same without the correlative concept. The success of the Great Books program, of the expanding program of the Virginia Museum, and of adult classes in education in the universities in large cities, all are straws in the wind. They clearly indicate that the interest exists which could be developed to support a single, correlative program.

The centers would of necessity be in universities and/or cities, each center an operational part of the whole program. For varying periods professionals would be located at various centers—artists, writers, interpretive historians, philosophers and psychologists, and particularly those original and stimulating minds which are already working in syntheses of knowledge. This does not need the window dressing of Big Names in Residence, but rather (as is already being done in some Virginia colleges) the active participation in the college program by an honest professional enthusiastic about sharing the knowledge of his own particular field. It is essential that all professionals and professors be inter-related into the single program established by the state.

This program serves the dual purpose of offering this experiment in cultural experience to every receptive person in Virginia and as a goal for the student

(Continued on page 63)

• TABLE OF CONTENTS •

AIA News	7
Smith-Rogers Memorial Hall	14
Portsmouth Federal Office Building	16
Fairview Christian Church Sanctuary	17
King's Daughters Childrens Hospital	18
Patrick Henry High School	20
Chesterfield County Residence	23
Hillside Richmond Home	24
New Roanoke City School	25
Office Building for Sowers, Rodes & Whitescarver	26
Modern Residence near Mount Vernon	27
Contemporary Residence In Williamsburg	28
Paul Munro Elementary School	29
Adjustable Anchoring System	30
FDR Memorial	35
The Bank of Lancaster	36
Residence from A-D-P Showing	37
Hampton-Newport News Holiday Inn	38
Elliston-Lafayette Elementary School	38
Inland Motor Corporation of Va. ..	41
Connelly Memorial Baptist Church ..	42
New Public Library, Martinsville ..	45
"Rollarena" Skating Rink	47
City Planning Offered at University of Virginia	48
Virginia Business Review	49
Travelers' Guide	51
Va. Beach Anticipates Record Season	55



COVER NOTE: This month's cover shows the striking new Federal Building in Portsmouth, featured on page 16. Architects were Oliver & Smith and T. David Fitz-Gibbon, AIA.

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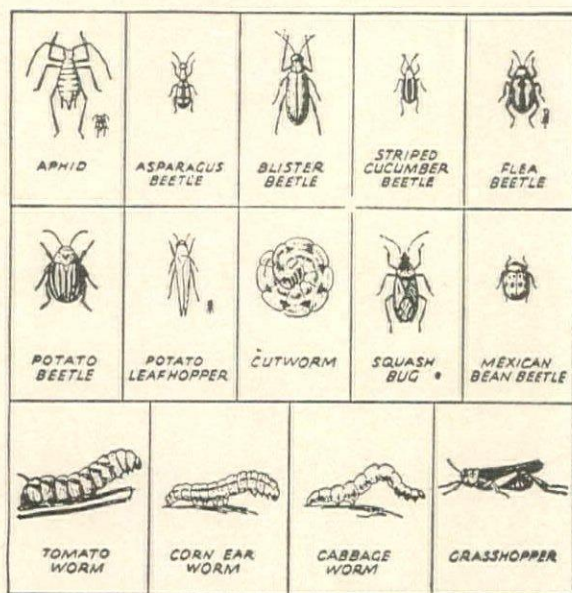
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for the New King's Daughters Childrens Hospital.
See Page 18.

NEWS

AIA VIRGINIA CHAPTER

A COLONIAL WILLIAMSBURG Craftsman and two members of the Chapter were to be specially honored by Virginia Architects at the Spring meeting of the Virginia Chapter AIA May 3-4-5 at the Virginian Hotel in Lynchburg.



ROBERT WEBB, JR.

"Craftsman in the field of decorative and pictorial painting." Since 1940 Mr. Webb has served as Superintendent of all the painting work required in the restoration of the historic buildings of Colonial Williamsburg, and other commercial buildings owned and operated by Colonial Williamsburg. He has personally executed many pictorial signs that identify the shops and taverns in the 18th century manner, painted the coats-of-arms, shields and emblems appearing on the Governor's Palace, the Capitol and some of the other larger buildings in the area. Mr. Webb is well respected in the communities in which he has worked and is very much interested in community welfare and civic affairs.

The Certificate reads as follows:

(Continued on next page)

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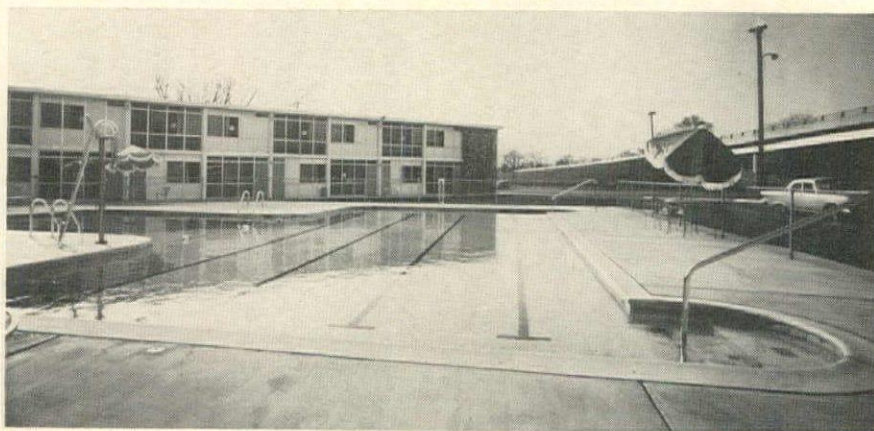


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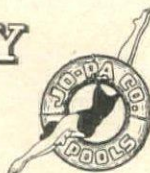
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"The Virginia Chapter of The American Institute of Architects presents this Certificate of Award to Robert Webb, Jr. for high standards and recognized skill as a Master Craftsman in the field of Architectural Painting and especially for the wide variety of decorative and pictorial painting he has executed for the Restoration of Colonial Williamsburg."



(Dementi Studio)

O. PENDLETON WRIGHT

The Awards and Scholarships Committee recommended to the Executive Committee a citation to O. Pendleton Wright for his outstanding service over many years in A. I. A. "Chapter Affairs." The Citation was to be presented at the banquet of the meeting.

Wording on the citation is as follows: "The Virginia Chapter of The American Institute of Architects presents this Certificate of Award to O. Pendleton Wright, A. I. A. for his valued contribution to the Architectural Profession by his devoted service to this Chapter."

One of the members of the Committee will present the Certificate after giving some of the reasons for the award such as: Wright has served as Director, on the Executive Committee; was one of the leaders responsible for the formation of the Richmond Section; has served on National Committees as well as devoting much time and effort to Chapter Committees, and at present is Chairman of National Judiciary Committee for the Middle Atlantic Region. The Chapter feels it has been greatly strengthened by his devoted services and his work has been an inspiration to all in the profession.



(Foster Studio)

E. TUCKER CARLTON

The Awards Committee recommended to the Executive Committee a citation to E. Tucker Carlton for Public Service.

The Citation reads as follows: "The Virginia Chapter of The American Institute of Architects presents this Certificate of Award to E. Tucker Carlton, A. I. A. for his high standards and recognized ability as a member of the House of Delegates in the field of Public Service."

The Committee felt Carlton had participated in many civic and public service activities. He has been on Board of Governors for the Richmond Home for Boy for 32 years and was president for eight years. He is one of the founders and Chairman of the Board for The Tobacco Festival, and holds membership in numerous other fraternal and civic organizations. He was elected to House of Delegates in 1956.

(Continued on next page)

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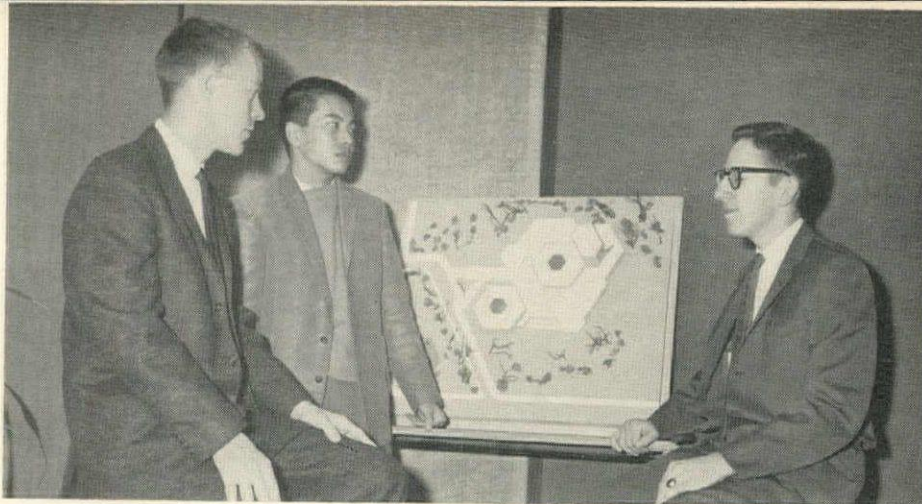
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1962 Solite Prize—Virginia Tech Department of Architecture. (Left to right) Calvin Kießner (2nd place winner), Ho-Ling Teng (1st prize winner), and Wayne Modisett (3rd prize) examine the model of Mr. Teng's scheme.

FIRST place in the 1962 Solite Prize Competition at Virginia Tech was won by a fourth-year architectural student for his winning design for a proposed new building for the Roanoke Fine Arts Center. Ho-Ling Teng, from Taipei, Taiwan, was awarded the \$300 first prize by a jury composed of faculty members of the Tech Architectural Department plus representatives of the Roanoke Fine Arts Center and the Solite Corporation of Richmond, Virginia.

Second prize of \$200 went to Calvin Kießner of Cumberland, Md., while Wayne Modisett of Luray, Va., received the third prize of \$125. An additional \$125 will be divided among the three winners to pay their expenses to the May meeting of the Virginia Chapter of the American Institute of Architects where the winners will be presented with their awards.

While closely following the building aspirations of the Roanoke Fine Arts Center, the student project was intended as a theoretical exercise to serve as an educational vehicle and made no pretense of proposing specific and practical solutions to the Center's building needs. However, a secondary objective was to stimulate public interest in this highly desirable new facility to serve the Roanoke community and Southwest Virginia.

The student program was prepared by Prof. Charles S. Worley, Jr., the

critic in charge of class, and was based on a report published last summer by the Roanoke Planning Commission. The original technical study and report was produced by Associate Professor Edward E. McClure who was then working as a consultant in the Roanoke Planning office.

The proposed new building for the Art Center, as outlined in Mr. Worley's program, contemplated a gallery, a small theatre for the performing arts, and studios for instruction in the graphic and plastic arts. Provisions were made for a program to include area art shows, loan exhibitions from the Virginia Museum of Fine Arts and other sources, amateur theatrical productions, concerts, movies and lectures.

The student models and drawings were taken to and judged at the present provisional Fine Arts Center, a frame building at 24th Street and Carolina Ave., S.W., with the Board of Directors of the Center as an audience. The jury was comprised of Prof. Charles S. Worley, Jr., class critic, Prof. Leonard J. Currie, Head of the Department of Architecture, Pro. Herschel A. Elarth, Prof. Edward E. McClure, Prof. R. Gordon Echols, Mr. Carl Cress, Jr., representing the American Institute of Architects, Mr. Tom Parrish, representing the Solite Corporation, and Mr. Benno M. Forman, a director of the Fine Arts Center.

(News continued on next page)

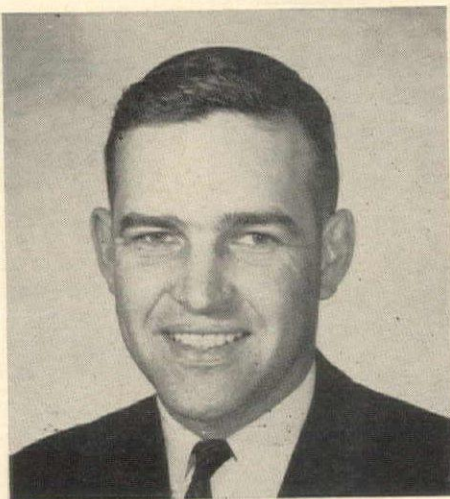
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MISNER, DONALD HOGAN

Born Dec. 16, 1934 in St. Louis, Mo. A graduate of Riverside Military Academy in Gainesville, Georgia, he received a B.S. Degree in Architecture in 1958 from the University of Virginia. Since then he has been employed by Saunders & Pearson, Architects in Alexandria.



PAYNE, JAMES BOLLING

Born April 30, 1930 in Scottsville, graduated in 1947 from Schottesville High School. Graduated in 1951 from U. Va. with B.S. in Architecture. Attended Southeastern Seminary, Wake Forest, N. C. for one year. Worked in architectural offices in Virginia, Tennessee, N. C., and was in position of Architect for Baptist Mission in Nigeria, West Africa. Since October 1961 has been with firm of Dwight G. Chase, A.I.A. of Falls Church.

(Continued on next page)

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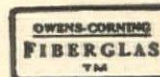
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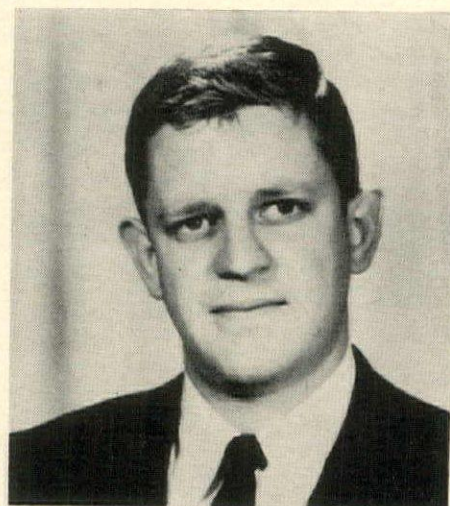
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KAMSTRA, THOMAS ALBERT

Born September 21, 1931 in Patterson, N. J. Graduated from Ridgewood High School, Ridgewood, N. J. in 1949. Graduated from V. P. I. in 1953 with B.S. Degree in Architectural Engineering. Received a B.S. Degree in Design in 1958 and a M.S. Degree in Architecture in 1958. Was President of Student Chapter at V. P. I. from 1956 to 1957. Employed by firm of Saunders and Pearson in Alexandria until April of 1961 when he went in business for himself, in Arlington.



QUIGG, PAUL CONKLIN

Born February 8, 1931 in Washington, D. C. Graduated from Washington-Lee High School in 1949 in Arlington. Graduated with a B.S. Degree in Architecture from University of Va. in 1954. Was member of Student Chapter at U. Va. from 1949 to 1954. Was Associate Member of Washington-Metropolitan Chapter, AIA from 1956 to 1957. Practiced Architecture as a member of a firm until early 1961 when he went into business for himself in Annandale.

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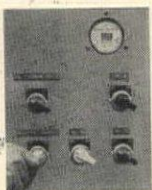
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See Page 14.



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See Page 14.

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NEWPORT NEWS, VIRGINIA

SMITH-ROGERS MEMORIAL HALL

NORFOLK

OLIVER & SMITH
Architects

FRAIOLI-BLUM-YESSELMAN
Structural Consultants

MATHEW J. THOMPSON
Mechanical Consultant

WILLIAM G. VANSANT
Electrical Consultant

REID & HOPE
General Contractors

SMITH-ROGERS MEMORIAL HALL, the dormitory and training center for student practical nurses for Leigh Memorial Hospital, Norfolk, is a four story brick and granite structure with a masonry screened penthouse. This building, designed by Oliver and Smith, Architects, AIA, Norfolk, derives its name from former board presidents of the hospital, the late Oscar F. Smith and Crawford S. Rogers.

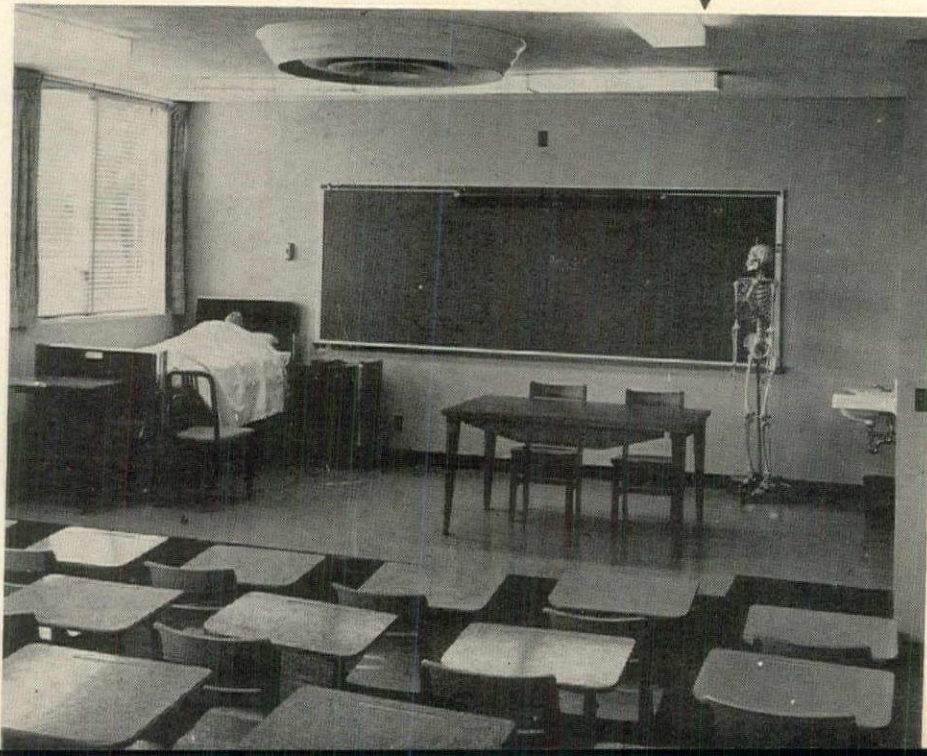
Leigh Memorial Hospital operates the largest school of its kind in the state, and Smith-Rogers Hall is the first building in Virginia constructed solely for practical nurse education.

The building has vertical strip aluminum windows and porcelain enamel panels, aluminum and plate glass exterior doors, plastered interior walls, terrazzo, vinyl and asphalt tile floors and built-up roof. Construction costs were \$764,361 for this 99 foot x 120 foot, 38,000 square foot structure. Masonry screen walls and walls and trim of granite form a base for the building and aids in wedding it to the site.

The first floor has a spacious lobby and lounge with a terrazzo floor continuing beyond the plate glass wall onto the terrace on the west. This wall is of glare-reducing, neutral, gray-tint glass same as used throughout the air conditioned building. The first floor also contains the administrative suite, central telephone and communications desk, conference rooms, 63-student capacity lecture room, library, instructional areas, locker rooms and laundry.

↑ Front of Building

Lecture Room ↓



Provision is made for four staff personnel, 17 staff nurses and 46 student nurses.

The second floor contains suites for the four resident staff personnel and eight rooms for student or staff nurses. Laundry facilities, storage space and a student lounge are typical for each dormitory floor. A balcony opens off living room of resident staff members on second floor, and off student lounge on third and fourth floors. From this balcony one may view the Hague, originally called Smith's Creek, off the Elizabeth River and now developed and incorporated in the downtown cultural and beautification program.

The third and fourth floors are identical, with 16 double rooms for student nurses. Each nurse's room has a built-in counter with drawer units at the window wall, generous closets with drawers, racks and shelves for neat wardrobe arranging and studio beds.

Fraioli-Blum Yesselman, Norfolk, Virginia, were the consulting engineers for structural work. Mathew J. Thompson, III, Newport News, Virginia, was the consulting engineer for the mechanical and William G. Vansant, Jr., was the consulting engineer for the electrical work. The general contractors were Reid & Hope, Suffolk, who also did the excavating, foundations, concrete and carpentry.

SUBCONTRACTORS AND MATERIAL SUPPLIERS

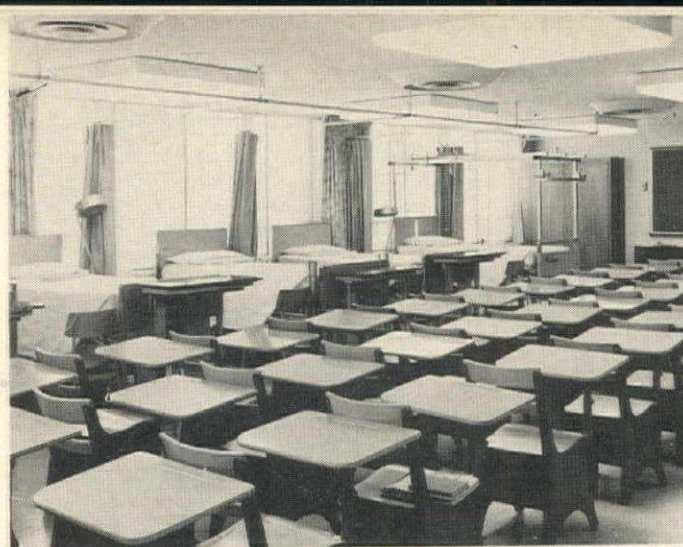
Woodrow W. Ford, Norfolk, piling; Southern Materials Co., Inc., Norfolk, ready-mixed concrete; Snow, Jr. & King, Inc., Norfolk, masonry; Globe Iron Construction Co., Norfolk, steel, handrails; J. B. Eurell Co., Norfolk, insulating roof deck; Seaboard Paint & Supply Co., Inc., Norfolk, finishing hardware; Roof Engineering Corp., Norfolk, roofing; Ajax Company, Inc., Norfolk, stone work, ceramic tile, resilient tile, terrazzo; Michael Flynn Co., General Specialties Co., Inc., Charlotte, N. C., windows, window walls.

Also, Engineering Steel Equipment Co., Norfolk, steel shelving; Bowen & Hamor, Inc., General Specialties, Inc., Charlotte, N. C., glazing; E. Caligari & Son, Inc., Norfolk, painting, plastic wall finish; Geo. T. McLean Co., Inc., Norfolk, kitchen cabinets; R. E. Richardson & Sons, Inc., Richmond, millwork, paneling; Febre & Co. of Norfolk, Inc., dampproofing, plaster, Ayers Insulating & Supply Co., Norfolk, insulation.

Also, The Hampshire Corp., Norfolk, acoustical; Ames & Webb, Inc., Norfolk, bituminous paving, base, curbs and gutters; Hanna Garden Center, Inc., Norfolk, seeding; Hall-Hodges Co., Inc., Norfolk, steel doors and bucks and reinforcing steel; Miller Electric Co., Norfolk, lighting fixtures, electrical work; Harry M. Brown, Norfolk, plumbing, plumbing fixtures, air conditioning, heating and ventilating; Westinghouse Electric Co., Elevator Division, Washington, D. C., elevator.

Other manufacturers or suppliers were Carnegie Office Appliance Co., Norfolk, bulletin boards; Korok, Inc., Alexandria, chalkboards and tackboards; Westinghouse Appliance Sales, Richmond, washers and driers; K. D. Sykes, Norfolk, name plates; Door Engineering, Norfolk, cubicle curtains and track; Paris Shade Shoppe, Inc., Richmond, blackout curtains and track.

Nursing Laboratory



Student Snack & Lounge



Typical Student Dormitory



First Floor Lobby



Portsmouth Federal Office Building



OLIVER & SMITH — T. DAVID FITZ-GIBBON, AIA
Associated Architects

VIRGINIA ENGINEERING CO., INC.
General Contractor

C. WARREN BOGAN & ASSOCIATES
Bethesda, Maryland
Mechanical & Electrical Consultants

FRAIOLI-BLUM-YESSELMAN
Structural Consultants

THE six-story Federal Building, located in Portsmouth, Virginia, was started in July, 1959, completed in early 1961 and dedicated on April 29 of that year. The building as designed by Oliver and Smith, Architects, associated with T. David Fitz-Gibbon, AIA, Norfolk, is contemporary in concept.

The building is a 206 foot by 216 foot square with high-rise rectangular portion. Exterior walls are brick, limestone and granite. Interior walls are metal stud partitions with plaster. Windows are aluminum. Floors are terrazzo, or covered with asphalt or vinyl tiles and there is a built-up roof.

Provision is made for 138,000 square feet of functional working spaces and offices for the Fifth Coast Guard District headquarters, Portsmouth Post Office, Recruiting Offices for Army, Navy and Air Force, two Selective Service Boards, and Office of the Internal Revenue Service and an office for Representative Porter Hardy, Jr.

The structure has glare-reducing gray-tint glass and is completely air conditioned with a high velocity system. Cost of construction was \$2,588,059.00.

In the wide, post office lobby, there have been installed special cases containing replicas of the "Charters of Freedom," the Bill of Rights and the Constitution of the United States.

Maintenance and operation of this facility will be by the General Services Administration.

The General Services Administration has included this design in their traveling exhibit of better buildings of this nature.

C. Warren Bogan and Associates, Bethesda, Maryland were the consulting engineers for the mechanical and electrical work and Fraioli-Blum-Yesselman, Norfolk, Virginia were the consulting engineers for the structural work.

Virginia Engineering Co., Inc., of Newport News, were the general con-

tractors and also did excavating, foundation, concrete, carpentry and weatherstripping work. Subcontractors and material suppliers were as follows:

Raymond Concrete Pile Co., piling; George T. McLean Co., Inc., Portsmouth, masonry supplier; Snow Jr. & King, Inc., Norfolk, masonry contractor, glazed structural tile; Globe Iron Construction Co., Norfolk, steel, miscellaneous metal, handrails; Hall-Hodges Co., Inc., Norfolk, steel roof deck, security steel windows; Standard Roofing Co., Inc., Montgomery, Ala., insulation, roofing; North Star Granite Co., St. Cloud, Minn., granite; Cupples Products Corp., St. Louis, Mo., windows.

Also, Building Supplies Co., Norfolk, glazing, store front materials; Shaw Paint & Wall Paper Co., Inc., Norfolk, painting; Marus Marble & Tile Co., Inc., Greensboro, N. C., ceramic tile, terrazzo, marble; R. L. Dresser, Raleigh, N. C., resilient tile; Guaranteed Waterproofing Co., Greensboro, N. C., waterproofing; A. D. Stowe, Portsmouth, acoustical material, plaster; Seaboard Paint & Supply Co., Inc., Norfolk, finish hardware.

Also, Burton Lumber Co., Portsmouth, millwork; Door Engineering, Norfolk, steel doors and bucks; Abrams Lighting Co., Philadelphia, Pa., lighting fixtures; Marlou Lights, Inc., Fanwood, N. J., lighting fixtures; E. C. Ernst, Inc., Norfolk, electrical work; American-Standard, plumbing fixtures; L. T. Zoby & Sons, Norfolk, plumbing, air conditioning, heating and ventilating; Indiana Limestone Co., Bloomington, Ind., limestone; Houghton Elevator Co., Toledo, Ohio, elevator; Mosler Safe Co., vault doors.

FAIRVIEW CHRISTIAN CHURCH SANCTUARY

(Gene Campbell photo)

LYNCHBURG

J. EVERETTE FAUBER, JR., AIA
Architect

SOWERS, KNOWLES & RODES
Mechanical-Electrical Consultants

FRAIOLI-BLUM-YESSELMAN
Structural Consultants

A. O. BUDINA
Consulting Acoustical Engineer

S. R. GAY & CO., INC.
General Contractor

Recently completed is the Sanctuary of Fairview Christian Church in Lynchburg, Virginia. This represents the final stage of a two-phase building project which was commenced in 1949-1950. The first unit constructed was the Religious Education Building, including a large Fellowship Hall, and this was completed in 1951 at an approximate cost of \$160,000. This consisted of the L-shaped portion on the rear which, unfortunately, does not show in the exterior photograph. Also built at that time was a large Men's Bible Class which serves both as a Men's Bible Class and small Chapel, adjacent to the Chancel end of the new Sanctuary.

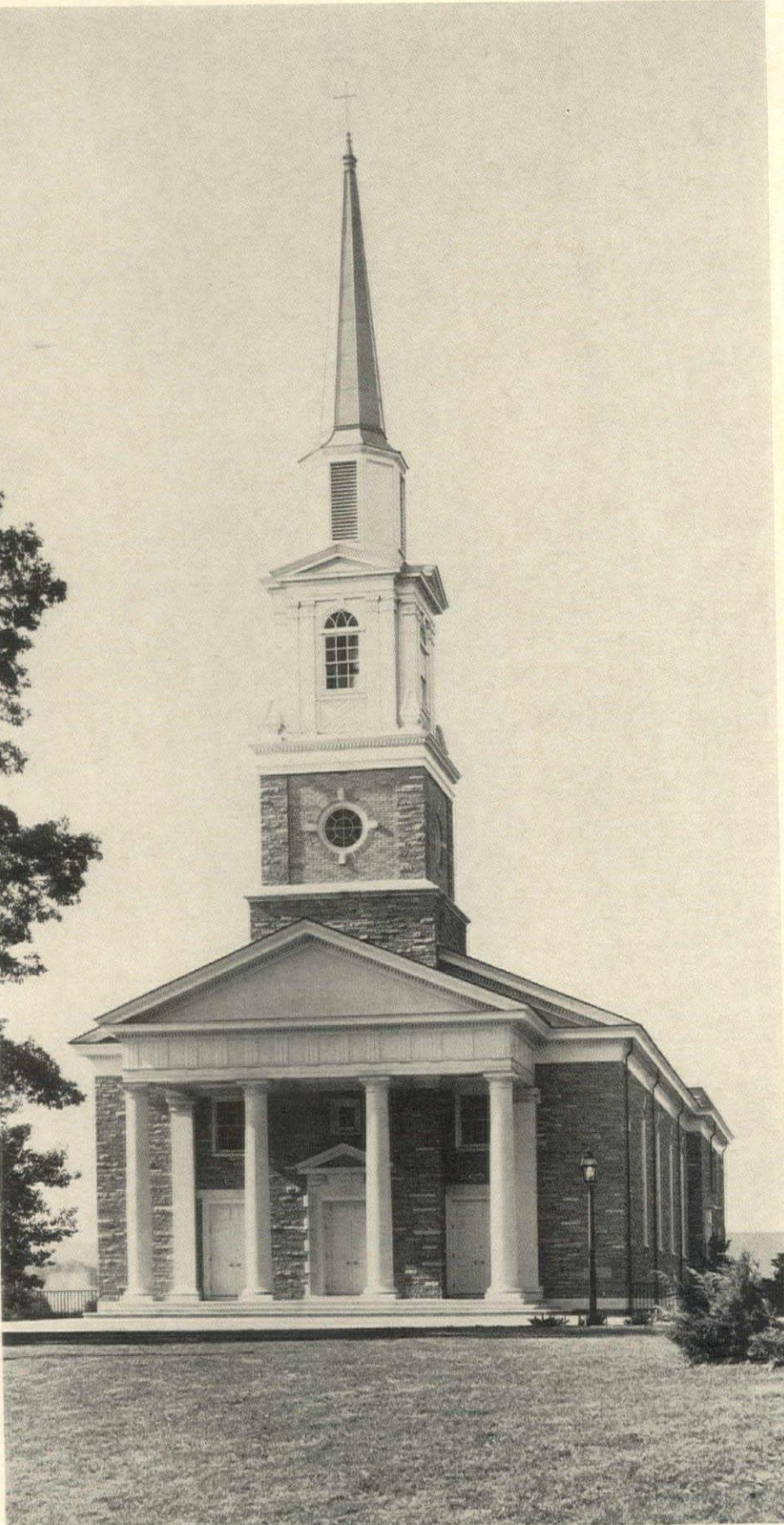
The Sanctuary was completed in the summer of 1961 at a cost of \$380,000. The total structure, first and second stages, contains roughly 50,567 square feet and was built at an average unit cost of \$11.67 per square foot, which is most favorable for this character and this quality building.

Exterior walls are of Tennessee Quartzite stone with cast stone and painted wood trim. The superstructure of the tower above the stone is fabricated entirely of aluminum with an acid-etched finish. All wood and cast stone trim are a soft, luminous gray to match the mat finish of the aluminum tower.

Large windows of the Nave are glazed with delicately-tinted cathedral glass and the roof of the Nave and Portico are both covered with rustic Buckingham slate.

The Religious Education Unit is, of course, constructed using the same materials so that the now completed

(Continued on page 57)





The King's Daughters Childrens Hospital—Norfolk

THE KING'S DAUGHTERS CHILDRENS HOSPITAL was the final structure to be completed in Norfolk's Medical Center. Land for this glistening new complex of buildings, dedicated to the healing arts, was hewn out of a blighted, crumbling residential area by the Norfolk Redevelopment and Housing Authority.

The King's Daughters' organization goes back many years. Started officially in 1897, it emerged out of a nineteenth century concern for the underprivileged, to be led by women prominent in the community. Support for the charitable care of babies and children came from circles of service within the King's Daughters organization. Membership in these circles is limited to women.

With the completion of their new hospital, first a dream, then a goal, and now a reality, the King's Daughters of Norfolk enter the second half of the twentieth century with renewed enthusiasm. In their hospital they have achieved a tremendous concentration of facilities, personnel, and medical staff,

GEORGE A. REIF, AIA
Architect

and

W. J. KING,
Engineer

THAYER & WALLACE
Mechanical Consultants

R. R. RICHARDSON & CO., INC.
General Contractor

designed and devoted exclusively to the care of children.

Most of the original King's Daughters circles are still active. Their ranks have been bolstered through the years by new members, by the addition of other circles, and by junior circles.

The first floor of the new building houses an out-patient clinic, visiting nurses' rooms, a central kitchen, and a unique administration and meeting area that coordinates all the activities of the King's Daughters: the operation of the hospital, the visiting nurse service, and the activities of the numerous and busy service circles.

The two upper floors of the three-story structure house semi-private rooms for 100 beds, located on two sides of a central utility and service core.

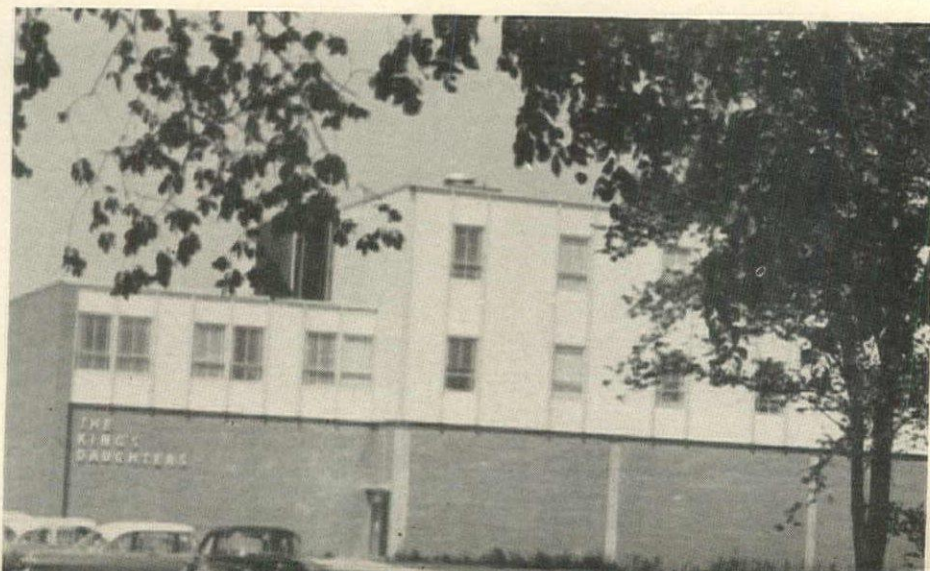
Flexibility was the watchword in the design process. The medical approach toward children has changed much during the past decades, even in the last few years: the new hospital reflects these changes. In addition, the design provides ample opportunity for the expression of the tender loving care required for children, a requirement that remains unchanged through the years.

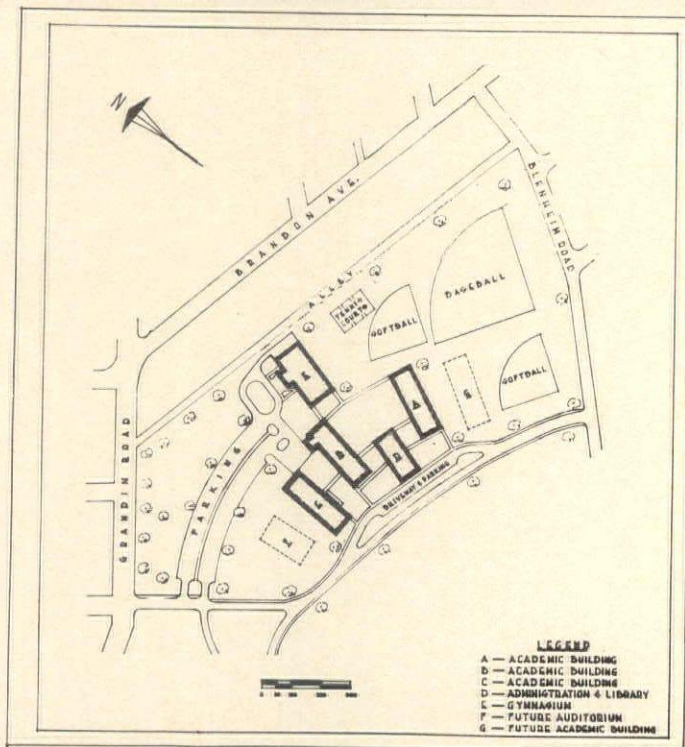
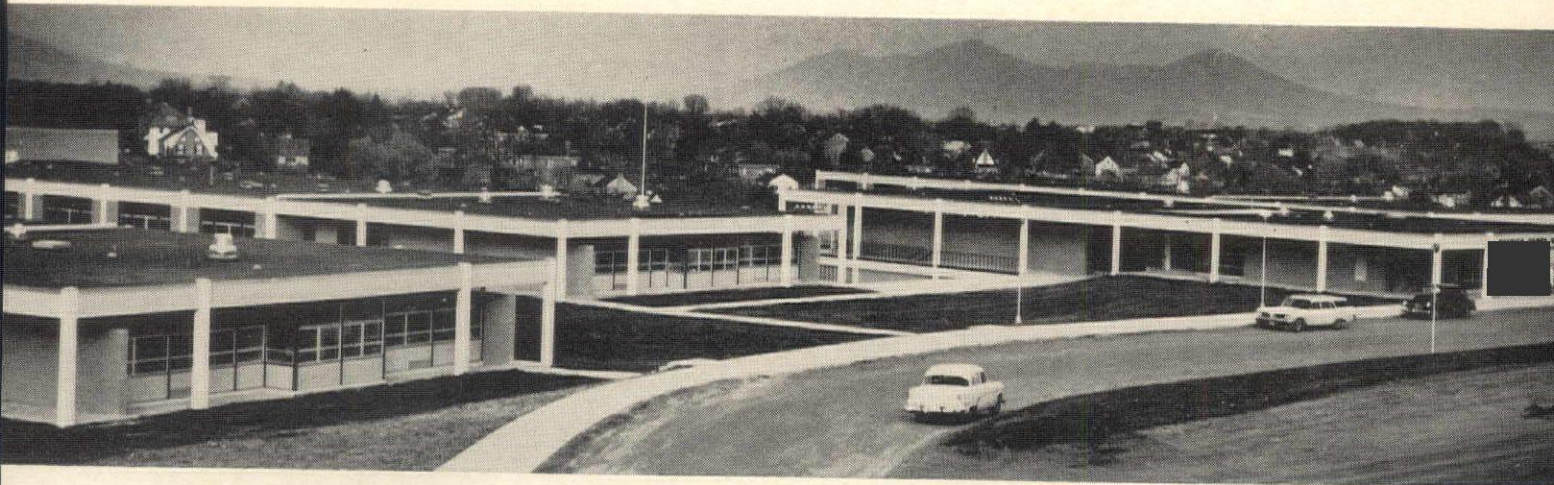
Movable metal partitions divide the patient rooms on the upper floors. When and if medical requirements change, the rooms can be rearranged to suit new philosophies.

Some unique features of the King's Daughters Childrens Hospital include pairs of doors to some rooms to allow traction bed patients to be moved to play rooms, individual room air conditioning units to avoid cross-infection through a central air conditioning system, a milk sterilizing room arranged to accommodate either regular or terminal methods of milk sterilization, one-way glass to observe children at play in either of the two elaborate playrooms, child-scale water closets and lavatories, fire proof paint, an inter-communication system enabling a nurse to listen in on each room from her central station, separate groups of elevators for visitor and staff use, and oxygen and suction facilities at each bed.

Materials used for the exterior of the hospital building were selected to harmonize with the other buildings of the medical center. The tan brick of the ground floor matches that of the other buildings of the center. The upper

(Continued on page 58)





PATRICK HENRY HIGH SCHOOL

ROANOKE, VIRGINIA

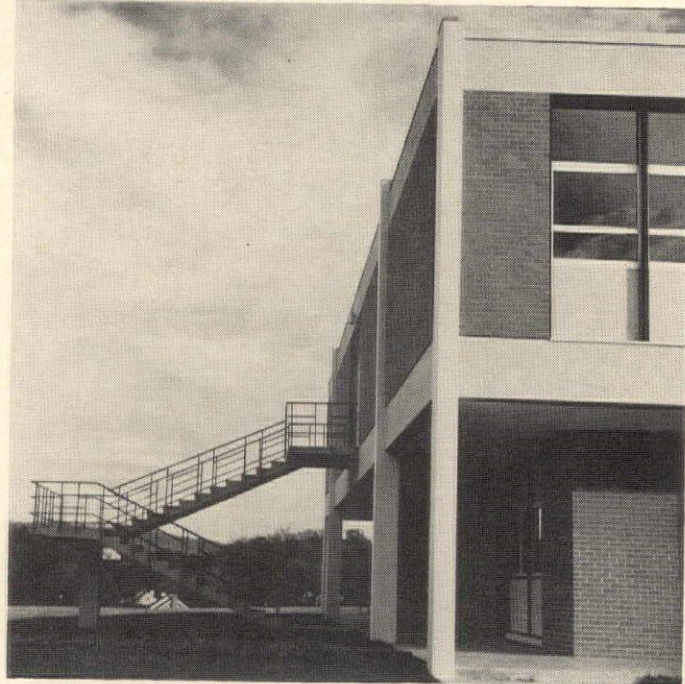
SMITHEY & BOYNTON
Architects

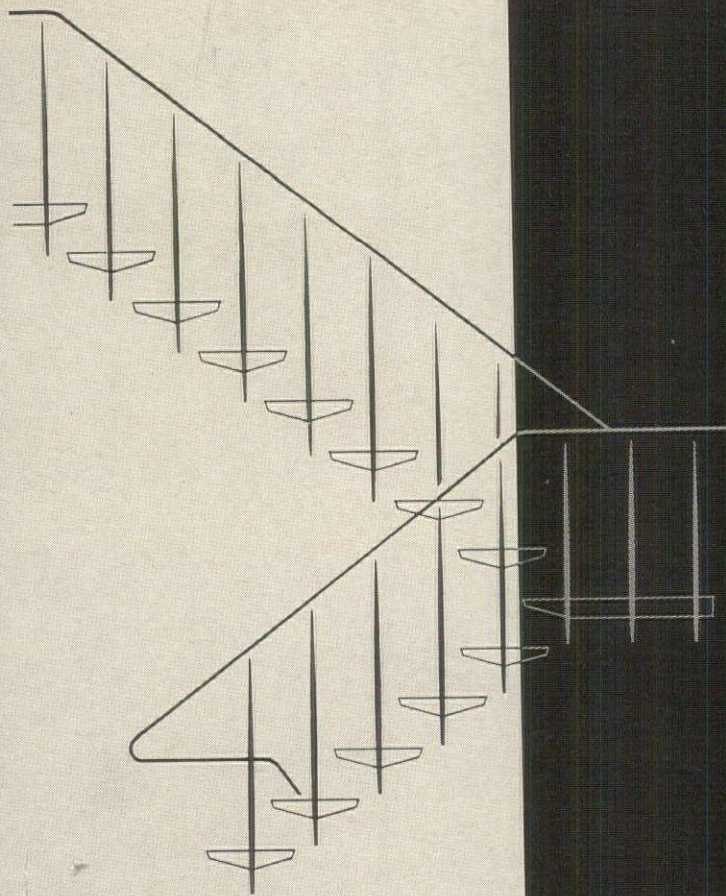
PATRICK HENRY HIGH SCHOOL in Roanoke, Virginia, was completed in September, 1961 and is only one project included in a group of city schools built from an eight million dollar bond issue.

The school enrolls approximately 1,200 students which are divided into three equal groups of 400. Each of these three groups are assigned to a separate academic unit where they will remain throughout their high school career. Teachers are also permanently assigned to these units which will make possible more effective guidance and mutual understanding between student and teacher. Each of these academic units is controlled by a Dean and includes a guidance center which creates a school within a school. This arrangement will render more comprehensive assistance to the individual student.

Each of these academic buildings is a two-story unit with the classrooms on the upper floor. The upper floor of each of these units is alike and includes ten classrooms, a large General Education Room, a Biology classroom and a Science classroom. The lower floors of one of these units is occupied by the Cafeteria and Kitchen, while the lower floors of the other two house elective subjects. One of these units includes the Music Department, Business classrooms and the Home Economics Suite, and the other includes the Shop, Art Room and Mechanical Drawing room.

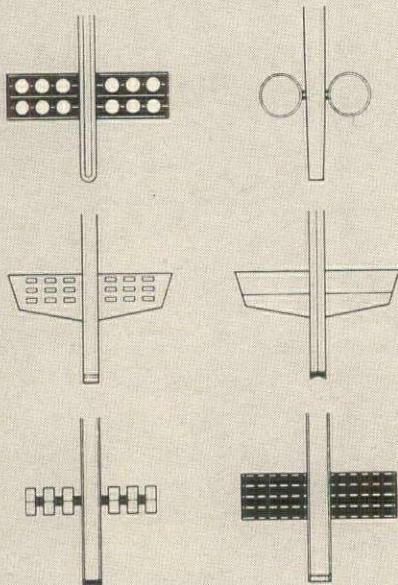
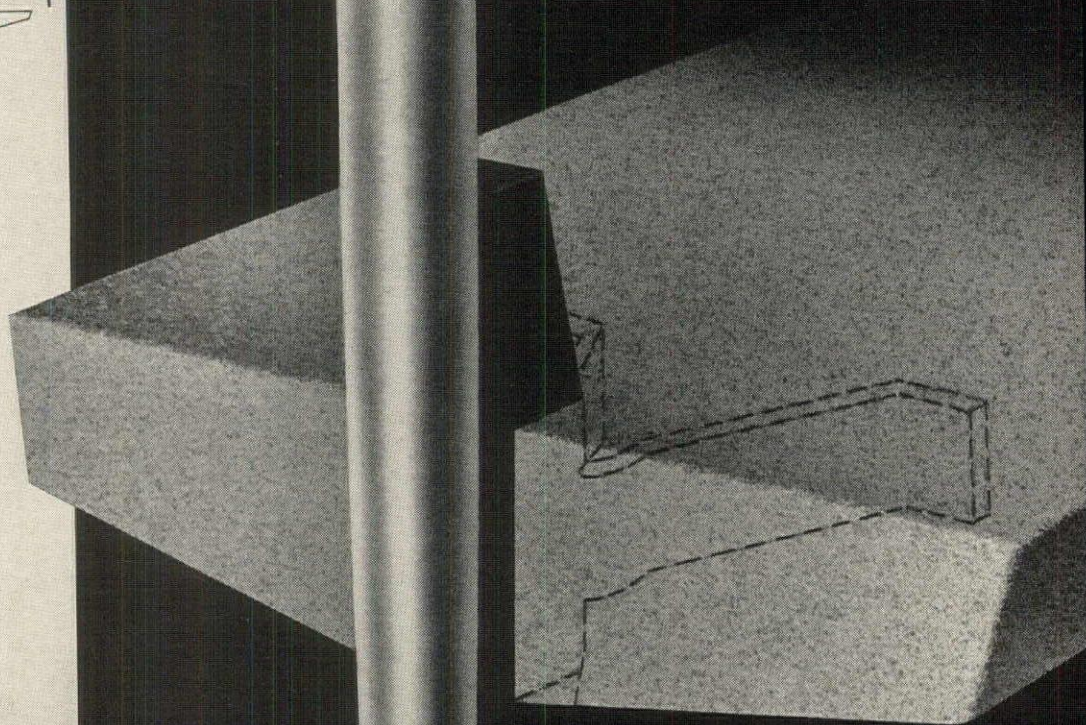
Five buildings make up the open "campus type" plan with adequate provisions for future expansion. In addition to the three academic buildings, the group includes the Main Administration and Library building and the Gymnasium and Locker Room building, which includes the





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Boiler Room and maintenance facilities. Also, included in this group is an Amphitheater and future plans for a paved court outside of the Cafeteria.

The buildings are connected together by means of a two-level walk, the lower walk being sheltered by the upper walk. The main circulation between buildings is to the elective areas, Library, Administration building, Gymnasium and Cafeteria. These two-level walks will later be extended to serve a future academic unit and a future Main Auditorium. The window walls on the lower level of the academic buildings which enclose the Cafeteria and elective areas have been recessed on three sides of these buildings. This arrangement makes possible a covered walk access to each space on the lower level.

The buildings are face brick with porcelain enamel window walls and aluminum windows. The exposed columns and spandrel beams are painted precast concrete, and the interior columns and beams are structural steel. The upper concrete floors and metal roof decks are supported on steel joists. The instructional spaces have painted concrete block walls and fireproof acoustical tile ceilings. Floors in these areas are asphalt tile. Main corridor walls are brick and ceramic tile with vinyl cork tackboard walls over corridor lockers and fireproof acoustical tile ceilings. All toilets, shower rooms, Gymnasium Lobby and Main Gymnasium wainscot have ceramic tile finish.

All instructional spaces in the five buildings are heated and ventilated by unit ventilators with convectors and fan coil units serving other spaces. Low pressure steam is generated in coal-fired boilers and distributed in pipe trenches to each of the five buildings where converters are used to heat hot water as the heating medium for each of the separate buildings. The temperature in all buildings is controlled by a pneumatic temperature control system. A new type of a completely automatic stoker is installed in each of the low pressure steam boilers for burning of low cost, high volatile coal, these stokers being complete with coal fed conveyors and with ash removal equipment and conveyors.

The majority of the lighting in all the buildings is 227 volt fluorescent. With wide separation of the buildings in this campus type project, there is considerable saving in using a 480/277 volt distribution system.

SUBCONTRACTORS AND SUPPLIERS

McAlister Construction Co., excavating; Concrete Ready Mixed Corp., Roanoke Ready Mix Concrete Corp., concrete work and supplier; Webster Brick Co., Inc., masonry supplier; Montague-Betts Co., Inc., Lynchburg, structural steel; John W. Hancock, Jr., Inc., steel joists; Truscon Steel Division, steel roof deck; Virginia Prestressed Concrete Corp., precast concrete; H. A. Gross Sheet Metal Work, roofing; Roanoke Engineering Sales Co., (Mesker Bros.) windows and window walls; Pittsburgh Plate Glass Co., glazing; Tilley Paint Co., Pulaski, painting; E. V. Poff & Son, Inc., ceramic tile, terrazzo; W. Morton Northen & Co., Inc., Richmond, resilient tile; H. A. Gross, waterproofing, roof insulation; Shields, Inc., Winston-Salem, N. C., plaster, acoustical; McClung Lumber Co., Inc., hardware; Valley Lumber Corp., millwork; Valley Metal Products Corp., steel doors and bucks; Roanoke Iron Works, Inc., handrails; Clear-Bullock Electrical Co., Inc., Martinsville, lighting fixtures, electrical work; H. A. Gross Plumbing & Heating, plumbing fixtures, plumbing, air conditioning, heating, and ventilating.

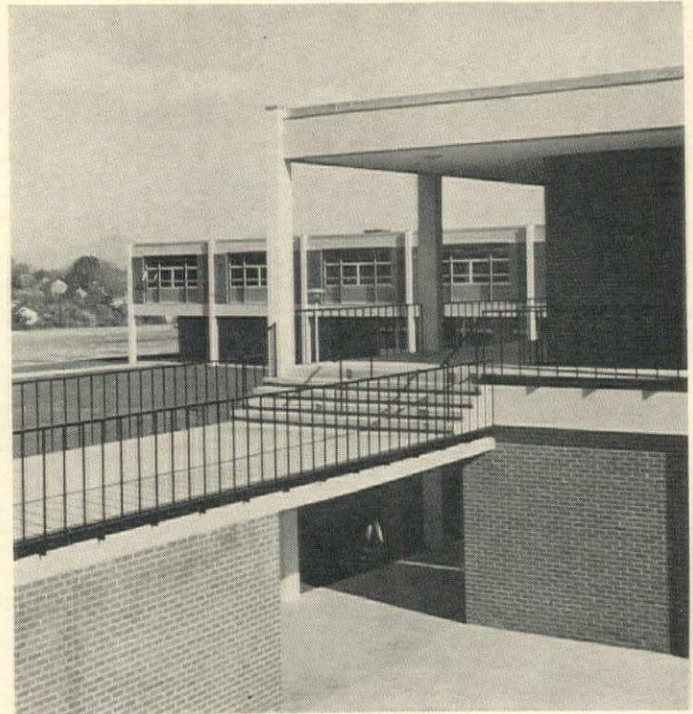
All firms are from the Roanoke-Salem area unless otherwise noted.

John W. Daniel & Co., Inc., Danville, general contractor, did the work on foundations, masonry, carpentry, paneling, plaster and wood flooring.

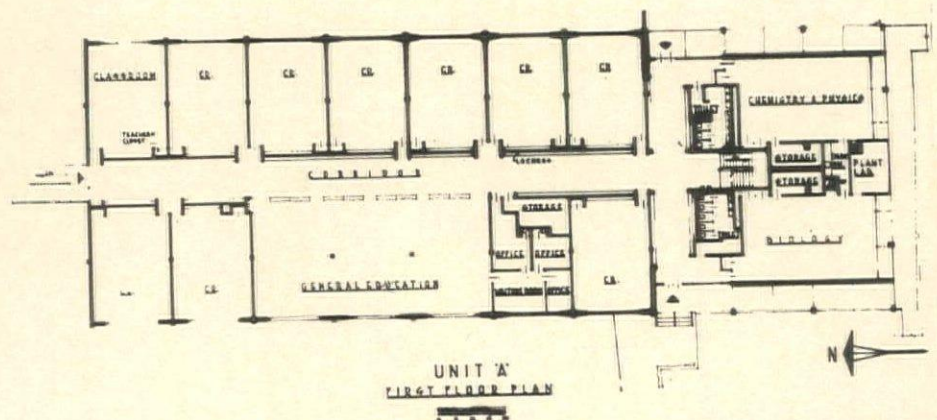
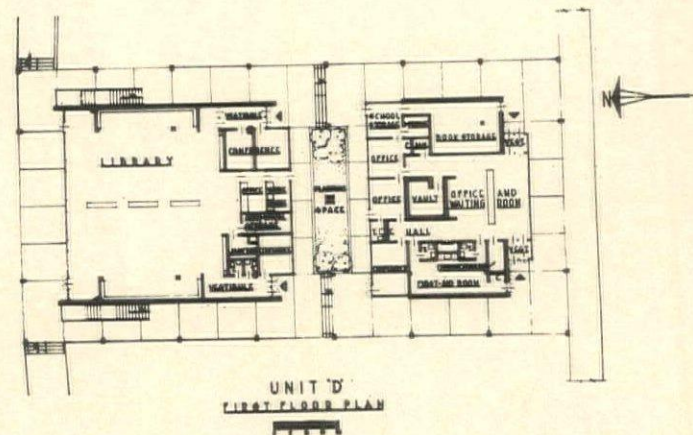
CAUDILL, ROWLETT & SCOTT
Consulting Architects

SOWERS, RODES & WHITESCARVER
Consulting Engineers

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



Photos
by
Kathy
Thornton



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See Page 38.

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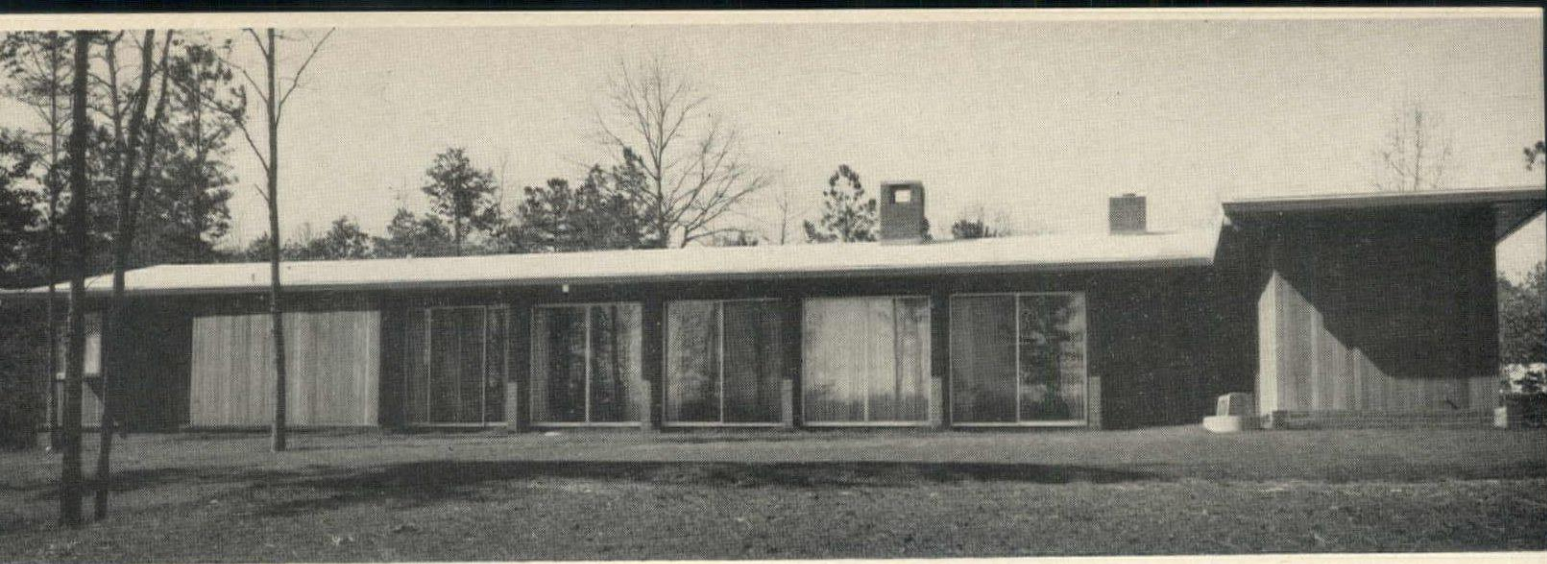
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Starky Road

ROANOKE, VA.

Prestressed Concrete Suppliers for the New Connelly Memorial Church, Page 42.
Patrick Henry High School, Page 20.



Chesterfield County Residence

FREDERICK HYLAND, AIA: Architect

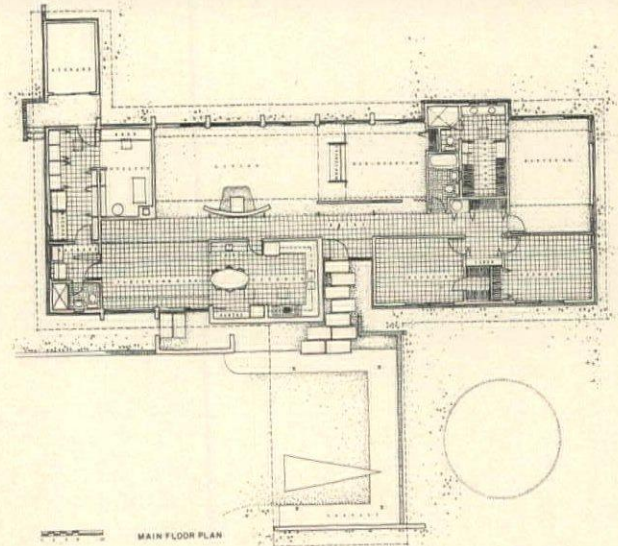
• The E. W. Hakala residence on Croatan Road, Huguenot Farms, Chesterfield County, is a one-floor plan house situated on a gently sloping lot overlooking Lake Cherokee. All main rooms are oriented toward the lake.

The owner desired large open areas for living and family activities with very easy access to kitchen facilities. Sit-down dining can be accomplished at the bar oval table or on a "harvest" dining table in the family room or it can be set up in the north end of the living area.

The 45-foot long living area is subdivided by a music-storage wall to form a den-guest room. Folding walnut doors complete the closure for privacy. The music wall is custom designed by the architect and includes a modern stereo-hi-fi music system with pull-out racks for record storage. The rear of the music wall is book shelving accessible from the den.

To provide for an efficient kitchen with privacy from the entrance, plastic sky-domes were used for natural lighting. These are highly successful and make for a bright day-lighted kitchen. Sky-domes are used also in master bath and dressing room, storage and utility room.

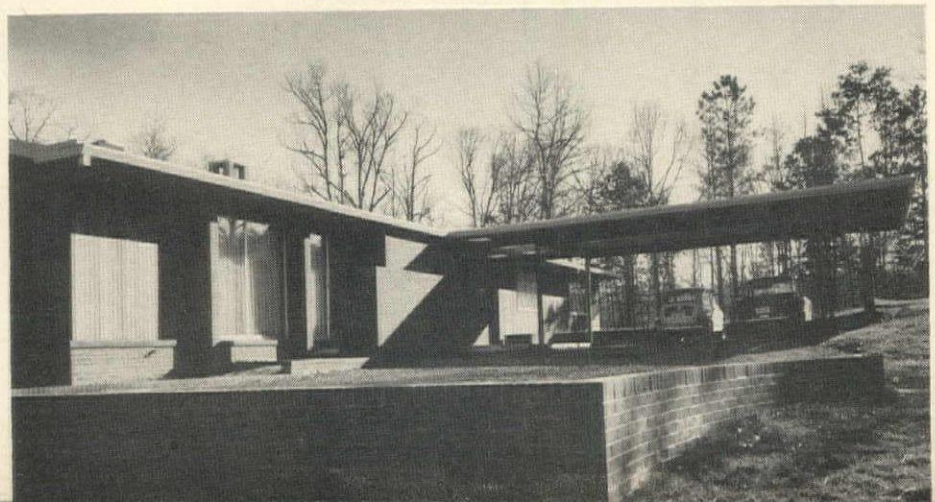
Since the house has no basement, attic or barn which can be used for storage, special care was taken to provide adequate, organized storage within the house at the location where needed. Adjoining the laundry room is a large room lined on both sides with floor-to-ceiling adjustable shelves of proper depth and hung with bi-fold metal doors for a neat appearance. A separate storage room is placed to provide privacy for the living room and terrace, and houses lawn mowers, bicycles, garden tools. The carport which features the front elevation holds three cars—one a compact.



O. E. ZIEBE General Contractor

General contractor was O. E. Ziebe, Richmond, with the following Richmond subcontractors and material suppliers:

W. M. Walder, Jr., masonry contractor; R. Willison Roofing Co., roofing; Smith Door & Window Specialties, windows—Pella casement; H. Beckstoffer's Sons, millwork; Sash Door and Glass Corp., glazing, aluminum sliding doors; Harris Painting Contractors, painting; L. L. Worrell, ceramic and resilient tile; Pleasants Hardware, finish hardware; Atlantic Electrical Supply Corp., lighting fixtures; J. L. Parker, electrical work; Garland Cole, plumbing; R. E. Orcutt Co., heating, air conditioning; Colonial Fixture Co., custom cabinet work; Burke-Hogard, Inc., St. Charles kitchen cabinets.



Hillside Richmond Home

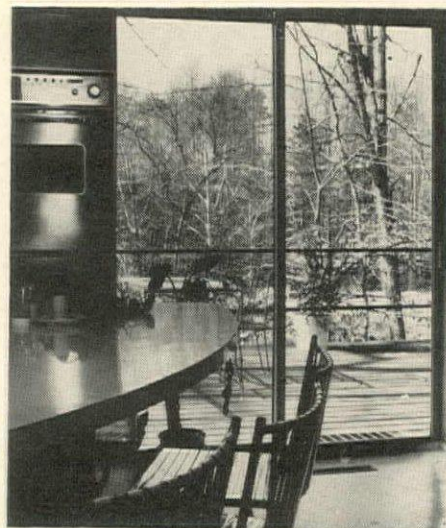
Residence of Dr. S. Elmer Bear

• The S. Elmer Bear residence on Charmian Road, Hillcrest, Richmond, is a two-story plan situated on a very steeply sloping site. Convenient access from the carport placed the kitchen-service entrance and all living rooms on the upper level, and all bedrooms on the lower level. Still the natural grade of the lot left all bedrooms above grade from one to eight feet.

The main entrance to the house is on an intermediate level with five risers up to the main floor and ten risers down to the children's playroom and all family bedrooms. A paved patio, entered through sliding glass doors from the playroom, features the lower level which contains the master bedroom, dressing and private bath, three children's bedrooms and bath in addition to an equipment and utility room.

The upper or main floor level includes the kitchen with curved bar for serving and snacks, dining room, living room, den-guest room with bath, gallery leading to the living room, and a maid's room and bath. The gallery is separated from the dining room by "shoji" doors and a screen wall of translucent glass, adjustable shelves and cabinets for books and the display of *objets d'art*, curios and family me-

THE S. ELMER BEAR RESIDENCE RICHMOND, FREDERICK HYLAND, AIA, ARCHITECT: COBAUGH AND COMPANY, GENERAL CONTRACTORS. CLOCKWISE THE PHOTOS SHOW A DETAIL OF THE CANTILEVERED ENTRANCE PLATFORM WITH THE PLANT BOX AND SCULPTURE; THE CURVED SEPARATOR IN THE KITCHEN WITH SUN-DECK; THE SHOJI SCREENS SEPARATING THE GALLERY AND THE DINING AREA; AND A VIEW OF THE CANTILEVER TWO STORY PORTION OF THE HOUSE OVERHANGING THE HILL.



mentoes. An open deck off the dining and living rooms provides "tree-top" outdoor living with stairs leading to the grounds and playroom patio below. A two-car carport with storage provided for garden tools completes the facilities.

Cobaugh & Co., Richmond, was general contractor, and did the excavating, foundations and concrete work. Subcontractors and material suppliers, all of Richmond, included the following:

Southside Builders Supply Corp., masonry supplier; Virginia Masonry Contractors, masonry contractor; Ross Iron Works, steel; C. Russell Walton, roofing; H. Beckstoffer's Sons, millwork, (Pella) windows; B. B. Pleasants, carpentry; Binswanger Glass Co., glazing; P. M. Edwards, Jr., painting; Aladdin Tile & Floor Covering Co., ceramic and resilient tile; Old Dominion Insulation Co., insulation; Quality Dry Wall Co., Inc., plaster; Pleasants Hardware, hardware; Atlantic Electrical Supply Corp., lighting fixtures; Morris Hunter, Inc., electrical work; Virginia Plumbing & Heating Corp., plumbing (Crane fixtures); Air Flo Heating & Air Conditioning, Inc., air conditioning and heating; Herman's Woodwork Shop, built-in drawers for master bedroom.

NEW ROANOKE CITY SCHOOL



(Photos by Deyerle Studios)

EUBANK, CALDWELL & ASSOCIATES
ARCHITECTS

J. H. FRALIN & SON., INC., General Contractor

The Hurt Park Elementary School in Roanoke was completed in October of last year. A rectangular one story building 210 by 72 feet, the school is designed to accommodate 240 pupils in eight classrooms. Each classroom has individual toilets. The building has also a multi-use room and a suite of administrative offices. It was built on a five and one half acre plot and covers 16,589 square feet. Constructed at a cost of \$196,995, or \$11.90 per square

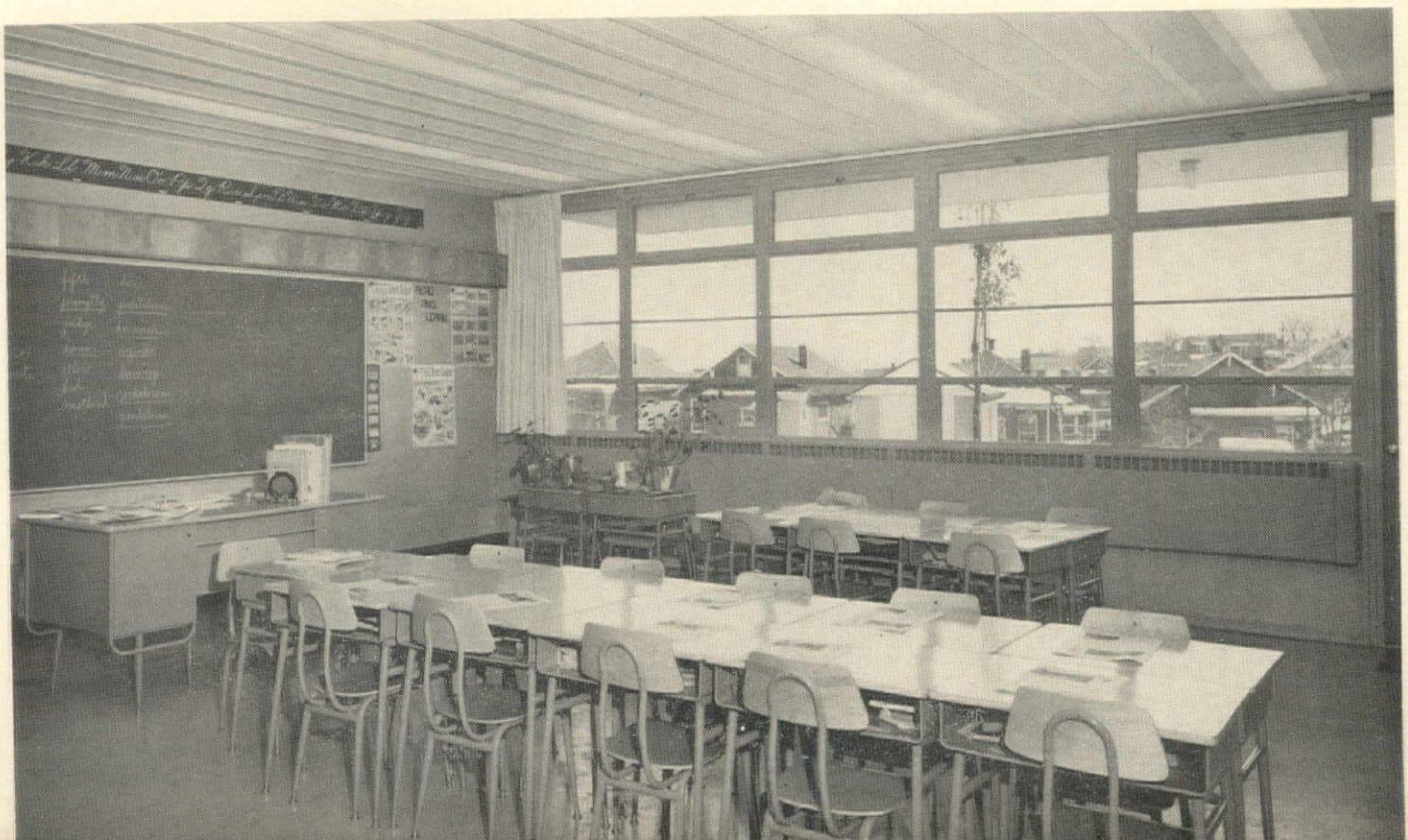
foot, it has masonry exterior walls, masonry block partitions, steel windows, a 20 year built up roof and vinyl asbestos floors.

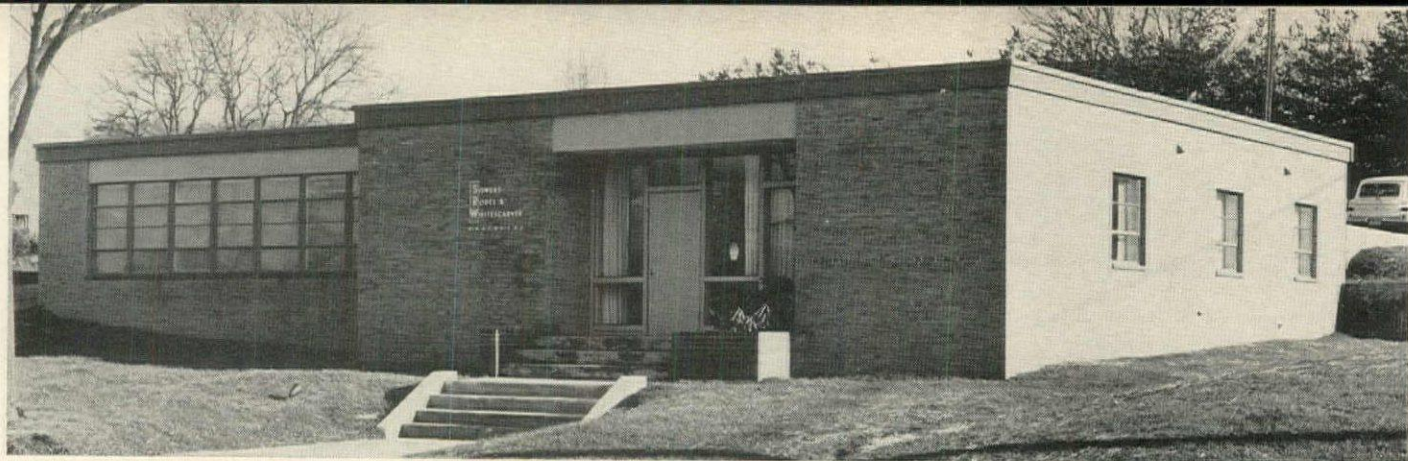
J. H. Fralin & Son, Inc., Roanoke, were the general contractors, and did the work on excavating, foundations, masonry and carpentry.

Principal subcontractors and suppliers, of Roanoke unless otherwise noted, were Concrete Ready Mixed Corp., concrete; Roanoke-Webster Brick Co., Inc., masonry supplier; Montague-Betts Co., Inc., Lynchburg, steel doors and

bucks, hardware, steel; Cates Building Specialties, Inc. (Fenestra) steel roof deck, windows and window walls; I. N. McNeil Roofing & Sheet Metal Works, roofing.

Also, Pittsburgh Plate Glass Co., glazing, aluminum doors and trim; W. E. Robertson, Co., painting; Glazed Products, Inc., Martinsville, Decor-Glaze masonry tile; Joe Rainero Tile Co., Bristol, ceramic tile; W. Morton Northern & Co., Inc., Richmond, resilient tile, acoustical; Billy R. Ayers & Son, plaster; Skyline Lumber Co., Inc., millwork; Southwestern Electric Co., electrical work—Metco fluorescent and Perfect-lite fixtures; Weddle Plumbing & Heating, (American-Standard) plumbing fixtures, plumbing, heating and ventilating; Rusco Window Co., Inc., chalkboards.





Office Building for Sowers, Rodes & Whitescarver

• Completed in November 1961, the new office building for Sowers, Rodes and Whitescarver in Roanoke was designed to house the activities of this expanding firm of professional Mechanical and Electrical Engineering Consultants presently serving over 30 architectural and industrial clients throughout the state of Virginia.

The building of irregular shape contains approximately 3,100 sq. ft. of floor area. Entering the building through a spacious reception area you would find a secretaries' work room to the left, a corridor leads to the executive offices occupied by the three partners, and an attractive centrally located conference room. Turning left the corridor terminates in the autosnack area where automatic food vending machines are located for use of the employees and management. From the

WINSTON S. SHARPLEY, AIA
Architect

FRYE BUILDING CO.
General Contractor

Partial list of sub-contractors and suppliers: earth work by Bob Overstreet; concrete by Roanoke Ready Mix Concrete Corp.; brick by Webster Brick Co., Inc.; blocks by Lightweight Block Co., Inc.; concrete joists by Virginia Prestressed Concrete Corp.; roof deck by Southern Roof Deck Co., Inc.; roofing and sheet metal work by Dame Roofing Co.; mill work by South Roanoke Lumber Co.; hardware by Nelson Hardware Co.; resilient floors by Charles J. Krebs Co.; glass and glazing by Salem Glass Corp.; paving by John A. Hall & Co., Inc.; painting by Skyline Paint and Hardware, Inc.; seeding by W. S. Connelly & Co.; heating and air conditioning by Wachter and Wolfe Corp., Richmond; electrical by Clear-Bullock Electrical Co., Inc., Martinsville. All subcontractors except as noted above are located in Roanoke or Salem.

autosnack area one can enter the mechanical equipment room, the chief draftsman's office, the employees' toilet and a 33 ft. by 38 ft. drafting room containing general filing, a library and 19 drafting boards with adjacent reference tables. Near the drafting room are printing, supply and plan vault areas.

Structurally the building is of brick faced concrete masonry bearing walls, concrete joists spanning 38 feet support a 3 inch "Tectum" roof deck with a built up roof. Ceilings are of exposed construction in most areas, with suspended mineral acoustical tile in the reception, corridor and autosnack areas. Floors are finished in asphalt tile throughout.

The interior color scheme generally follows a monochromatic pattern with colors selected to offer excellent light reflectance. The exterior features a pastel brick with metal windows, entrance frame and metal roof fascia painted in light turquoise and a contrasting dark cocoa.

The building is flanked by Colonial Avenue on the front and Broadway on the side, with driveways entering from both streets and a paved parking area for 20 cars.

Heating and air conditioning is achieved by the use of an electric heat pump; abundant lighting is provided by use of both fluorescent and incandescent lamps. An intercom system in all areas is used for interoffice communication, public address and the piping of F.M. and taped music.

Winston S. Sharpley A.I.A. of Roanoke, acted as Architect, and the office of Sowers, Rodes and Whitescarver of Roanoke were both the owners and mechanical and electrical engineers for this project. The building was constructed by the Frye Building Company, Roanoke.





Modern Residence

Near Mt. Vernon

JOHN R. STRANG, AIA
LOUIS E. CHILDERS, JR., AIA
Architects

MR. AND MRS. J. S. IRISH, the owners, came to the architects after they had selected and purchased the site. The site was a wooded lot located near the Potomac River within a mile of Mount Vernon, Virginia.

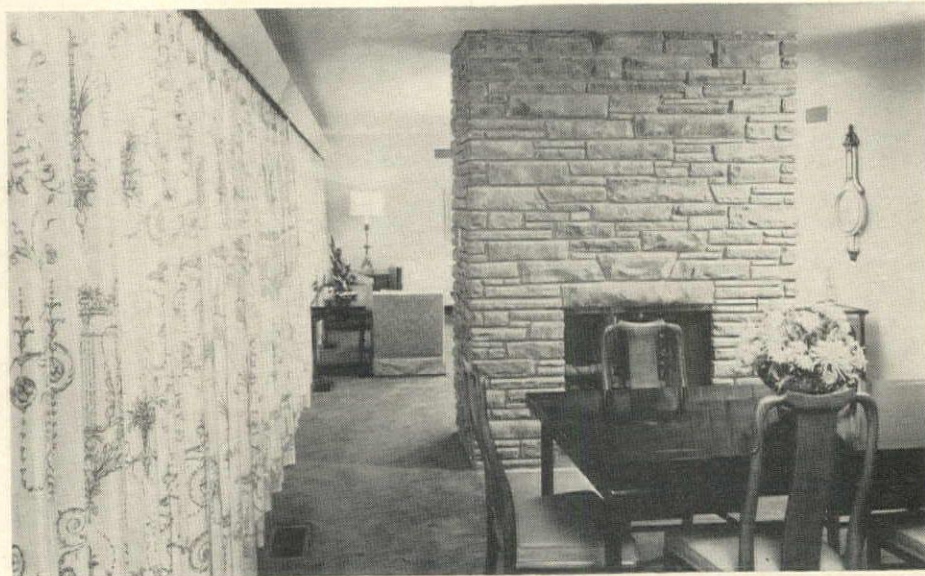
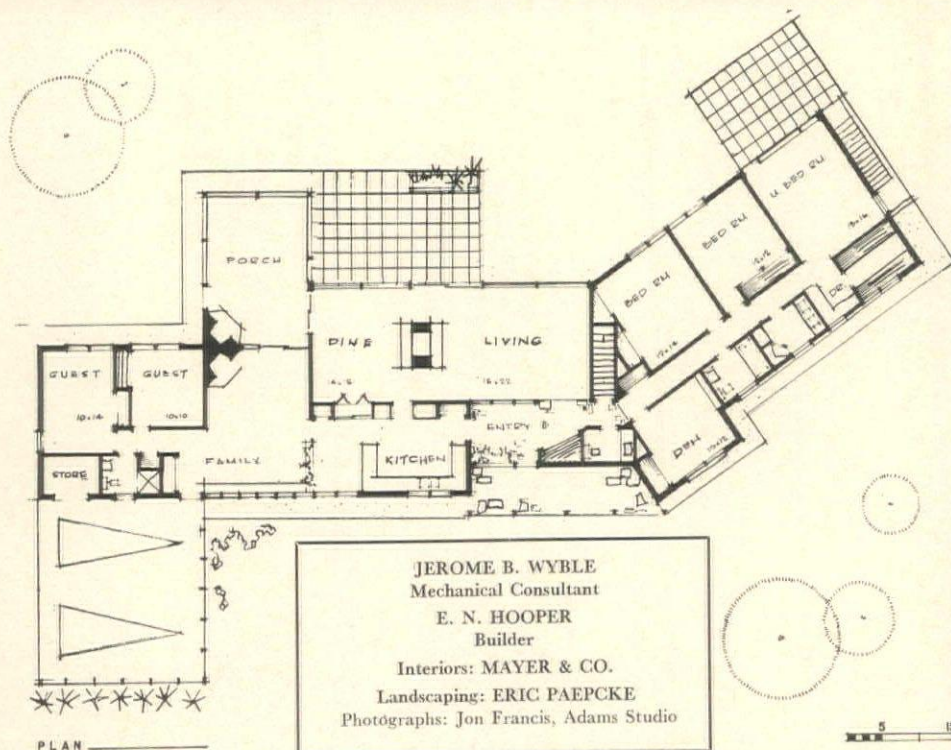
In spite of the abundance of traditional architecture in this area, the clients desired a house modern in character.

Mr. Irish, who is connected with a brokerage firm in Washington, D. C., wished his home to accommodate the entertainment of both large and small groups. Adequate space for overnight guests was also needed.

At present the young, active owners have two children. Their summer outdoor living revolves around their patios and swimming pool in the rear yard. Their winter activities are varied between the family room, living room, den and basement which houses the ping pong table, shuffle board, etc.

E. N. Hooper, Falls Church, was builder. Subcontractors and suppliers included James H. Carr, Inc., Washington, roof trusses; Perrin & Martin, Inc., Arlington, heating, roofing; Hires Turner Glass Co., Arlington, glazing and glass; Vick Tile Co., Washington, ceramic tile and marble; W. T. Galliher & Bro., Inc., Washington, millwork.

Also, Marty's Floor Co., Alexandria, resilient flooring; Arlfox Electric Co., Fairfax County, electrical work; F. A. McGonegal, Falls Church, plumbing; The Shade Shop, Washington, Ualco sliders.



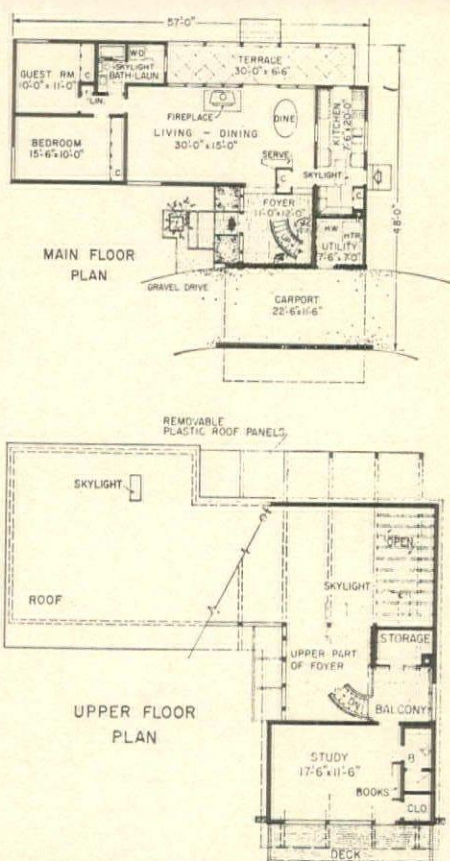


Contemporary Residence in Williamsburg

FORREST COILE & ASSOCIATES
Architects

W. BOYCE BLANCHARD
Consulting Engineer—Mechanical—Electrical

DANIEL F. SCHULTZ
General Contractor



• The design of the Chou Residence was developed from a brief, yet demanding program: A well designed structure for under \$28,000.00, space to entertain 30 guests, and a master bedroom closet to accommodate 50 suits.

Dr. Chou is a professor of economics and political history at the College of William and Mary in Williamsburg, Virginia. He was born in Northern China, came to the United States as a young man and has received all of his higher education here. He is an enthusiastic tennis player, a recognized, versatile, painter and an excellent cook.

The site proposed no particular difficulties, being approximately five acres in size, two of which the owner desired to retain for sale to support the cost of his own residence. The two acres retained adjoin the east boundary indicated on the site plan. Necessary considerations on the three acre building site, in addition to the house, were future provisions for a swimming pool and tennis court.

Requirements in the house, in addition to the basic program, included a fish sink where live fish could be kept for several days; a grand entry inasmuch as was possible in so small a house; a secluded study if possible; and we must consider \$2,000.00 for kitchen equipment and cabinets and \$2,000.00 for cooling the house. The firm could work with \$24,000.00 for the house. The price did not include architect's fee.

A significant observation regarding the Chou residence is its close proximity to Colonial Williamsburg where the restoration activity has had, and still has, a marked influence on local architectural development. Public interest has been varied but, for the most part, favorable.



SUBCONTRACTORS AND SUPPLIERS

Daniel F. Schultz:
General contractor, excavating, piling, foundations, concrete

Ranhorne & Granger, Inc.:
Masonry supplier

Tysinger & Crittendon Roofing Co.:
Roofing

Pompei Tile Co., Inc.:
Ceramic tile

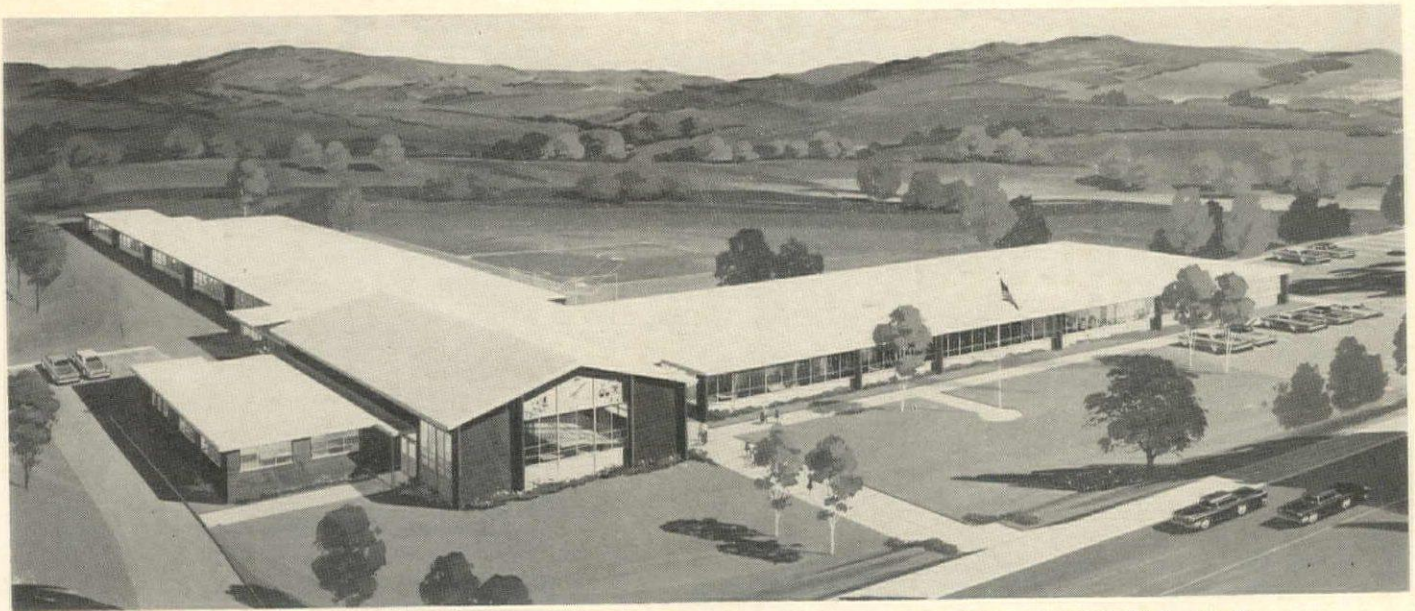
Peninsula Hardware Co.:
Hardware

Sheldon Lumber Co., Inc., Toano:
Millwork

A. M. Savedge Co.:
Electrical work (Lightolier fixtures)

W. H. Martin Co., Inc.:
Plumbing, plumbing fixtures, air conditioning, heating

All are Newport News firms unless otherwise noted.



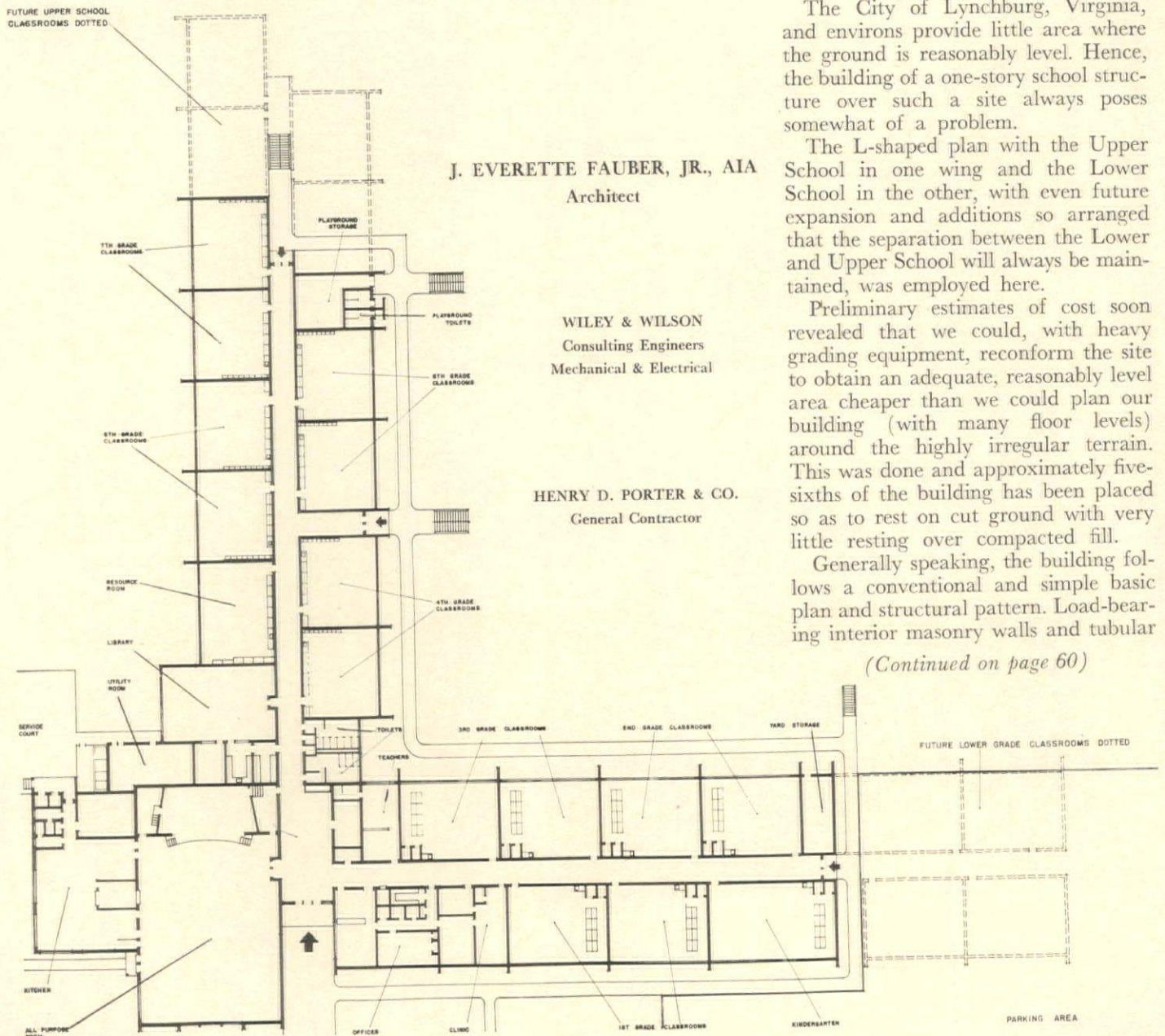
PAUL MUNRO ELEMENTARY SCHOOL

FUTURE UPPER SCHOOL
CLASSROOMS DOTTED

J. EVERETTE FAUBER, JR., AIA
Architect

WILEY & WILSON
Consulting Engineers
Mechanical & Electrical

HENRY D. PORTER & CO.
General Contractor



The City of Lynchburg, Virginia, and environs provide little area where the ground is reasonably level. Hence, the building of a one-story school structure over such a site always poses somewhat of a problem.

The L-shaped plan with the Upper School in one wing and the Lower School in the other, with even future expansion and additions so arranged that the separation between the Lower and Upper School will always be maintained, was employed here.

Preliminary estimates of cost soon revealed that we could, with heavy grading equipment, reconfirm the site to obtain an adequate, reasonably level area cheaper than we could plan our building (with many floor levels) around the highly irregular terrain. This was done and approximately five-sixths of the building has been placed so as to rest on cut ground with very little resting over compacted fill.

Generally speaking, the building follows a conventional and simple basic plan and structural pattern. Load-bearing interior masonry walls and tubular

(Continued on page 60)

Adjustable anchoring system solves problem of fastening railings to thin precast treads

Many of the problems of securely anchoring metal railings to concrete stairs have been overcome by an adjustable anchoring system developed by Blumcraft of Pittsburgh.

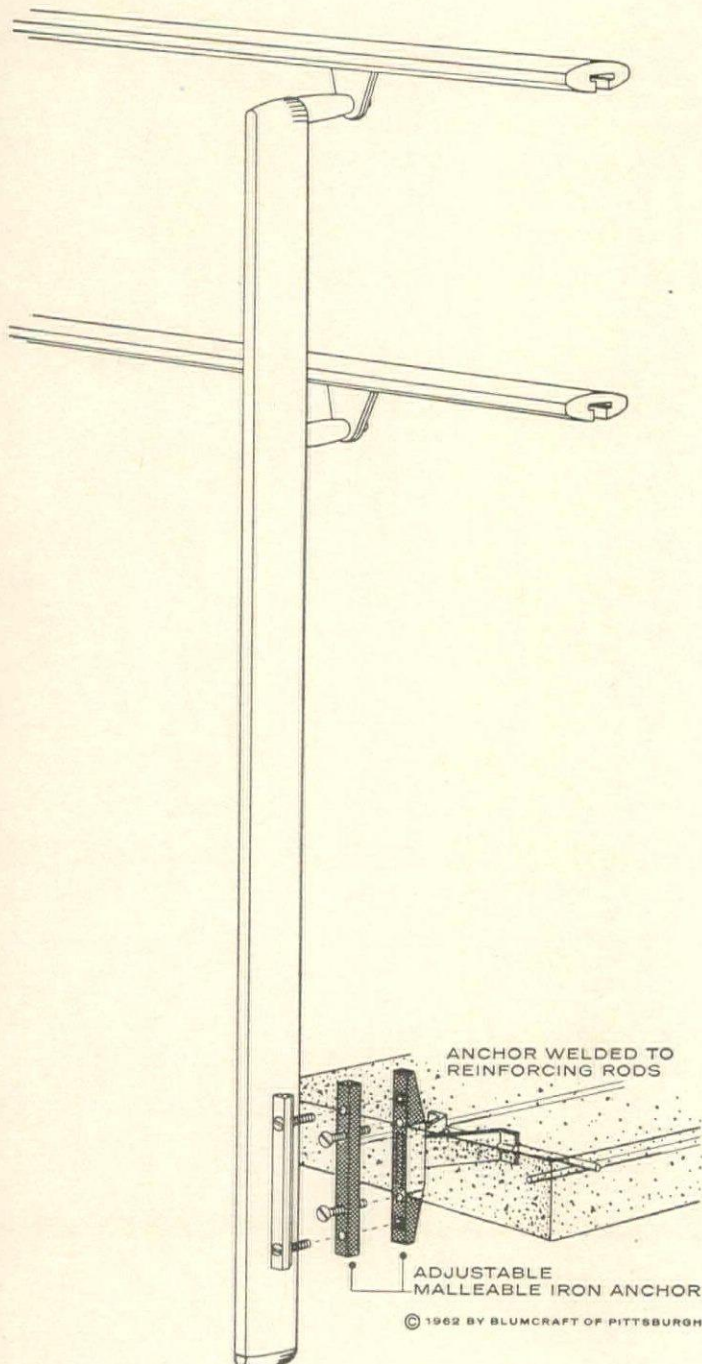
Heretofore, two conventional methods have most frequently been used to fasten metal railings to concrete:

1. Drill into the concrete and insert expansion shields.
2. Build steel anchors into the concrete, drill and tap the steel anchors for fastening the posts.

Both methods obviously require expensive field labor, and if the drilling is not perfect, vertical alignment of the posts is not possible.

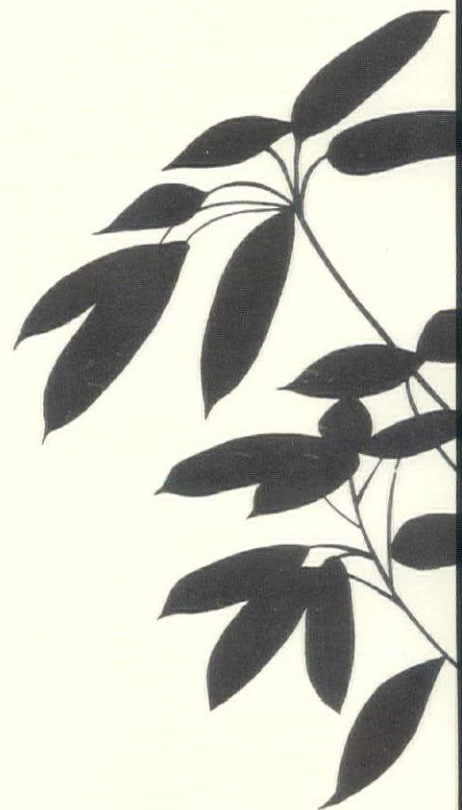
Blumcraft's new adjustable anchoring system provides these advantages:

- Reduces costly field labor.
- Permits adjustability for post alignment.
- Eliminates breakage in masonry when drilling for expansion bolts.
- Provides extreme rigidity through sound structural supports.
- Prongs can be welded to reinforced steel in the concrete, so that the anchors form an integral part of the stair.
- Built-in anchors will not work loose, as may happen to applied expansion shields.
- Posts can be mounted at extreme edge of stair, permitting use of the full width of the stair.
- Permits side-mounting of posts to thin precast treads as narrow as 2", as well as to wood plank stairs and conventional concrete stairs.
- Decorative trim can be applied to the anchor at the edge of the tread.
- For through-tread mountings Blumcraft provides sleeves for building into the precast treads.



As pointed out by Blumcraft, the railing is only as strong as the anchoring to which it is applied.

THE CHESAPEAKE & POTOMAC TELEPHONE COMPANY OF VIRGINIA



CONCEALED TELEPHONE WIRING



preserves interior beauty
provides flexibility for decorating
adds resale value to the house

• •



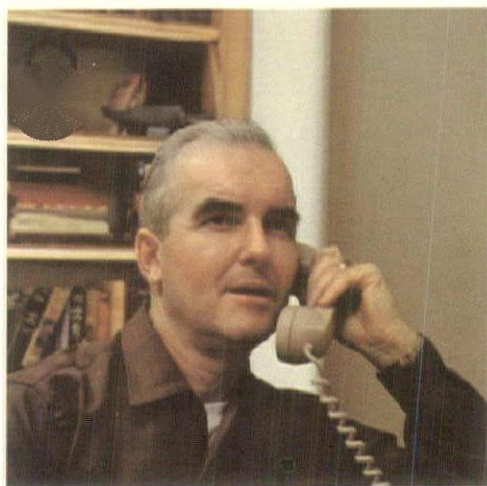
...plus ideas and services to help you serve the telephone needs of your clients

BELL TELEPHONE SYSTEM





CONCEALED TELEPHONE WIRING



Architects, designers and builders are invited to call their local Telephone Company for complete information about concealed telephone wiring. A Communications Consultant, familiar with national and local building and electrical codes, will discuss the various types of concealed telephone wiring with you. His experience in pre-planning for telephones can save you considerable time and allow you to plan and build homes featuring the latest telephone ideas. There is no charge for his services.

For every telephone need—now and in the future

Concealed telephone wiring, pre-planned and installed while the walls are open, is a positive sales aid for builders. Coast to coast, more and more builders are discovering this. Here's what they say about telephone planning.

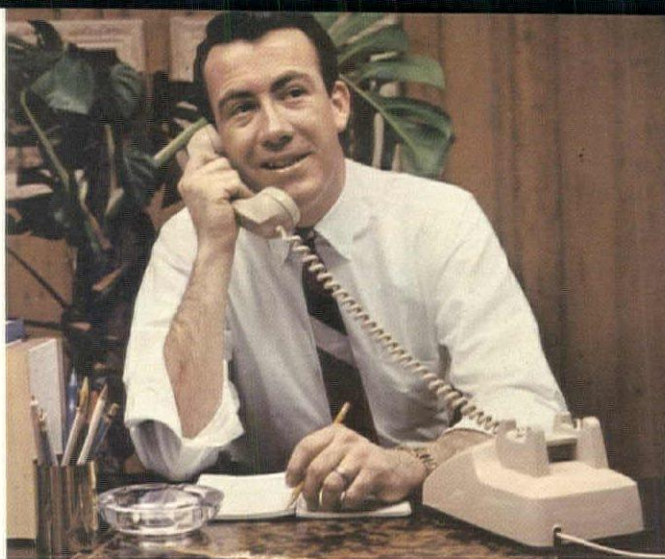
"We're always looking for something that will help sell houses—and concealed telephone wiring does." Mr. Arthur P. Aaron, Avon, Conn.

"Modern ideas? One of the best I know is concealed telephone wiring—in *every* house." Mr. Sam Batistich, Riverside, Ill.

"Concealed telephone wiring gives my homes the custom touch people are looking for." Mr. E. B. Vaughters, Seattle, Wash.

"Concealed telephone wiring? I find it a valuable sales aid. Especially with second-time buyers." Mr. Jackson F. Blackman, Media, Pa.

A phone in the den on Dad's desk is a comfort and convenience he'll be thankful for—for years. His own desk, his own phone. Colors: white, beige, pink, blue, green.



A wall phone in the kitchen frees counter space and hangs out of the reach of little hands. Allows a lady to telephone and manage her kitchen at the same time. In white, beige, pink, yellow.



A color-coordinated desk-type (or Princess) phone for the center hall table. Its location at the hub of the living-level fits the needs of a busy household.



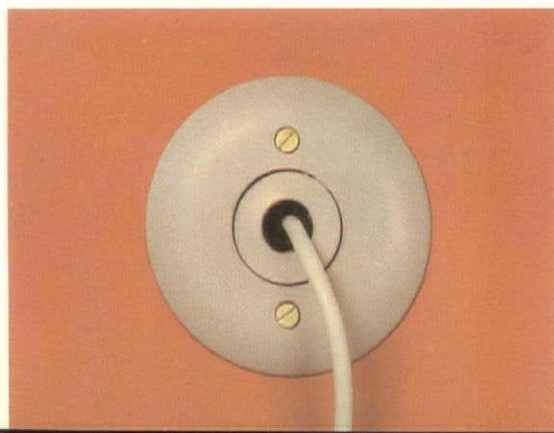
The Princess! It's little...it's lovely...and it lights. The perfect bedroom phone for *every* lady. Princess colors: white, beige, blue, pink, turquoise.

CONCEALED TELEPHONE WIRING

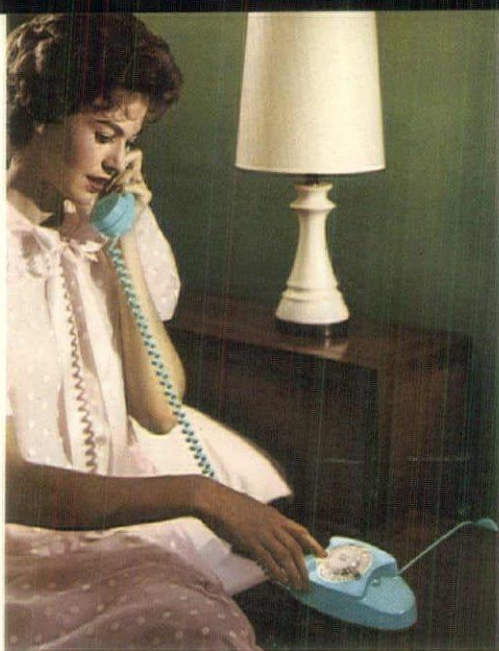
Plan for pleasant living... pre-plan for telephones

The time to provide for your client's future telephone needs is in the beginning. When the home is being designed, telephone wiring can be concealed within the walls, locations for attractive telephone outlets can be planned—for the entire house.

All modern homes need a number of telephone outlets—in living, working and sleeping areas. Your Bell Telephone representative will help you decide how many outlets your client will need now, and where they will be needed in the future. Before you start to build, call your local Telephone Company Business Office and ask for the Communications Consultant. Remember, there is no charge for his services.



Cover plates for telephone outlets are neat and attractive. They can be easily decorated to blend with any room decor.



Plan ahead! Modern families want sufficient telephones for the needs of today—and tomorrow. Wiring and outlets should be provided to take care of the amount and kind of service desired—with ample provision for the future. Adequate wiring insures that a telephone will always be within reach no matter how the furniture is arranged.



Plan early! It's never too soon to think about telephone service. A meeting between you, your customer and your local Telephone Company's Communications Consultant will assure that wiring and outlets are installed where it's best for the comfort and convenience of your client—and best for the men on the job, electricians and carpenters.



Plan enough! Sufficient outlets throughout the entire home (including service and laundry rooms—and even the garage) indicate thoughtful planning. In addition to extensions for the Princess and desk-type phones, concealed wiring can also be provided for the Bell System's new Home Interphone system.



CONCEALED TELEPHONE WIRING



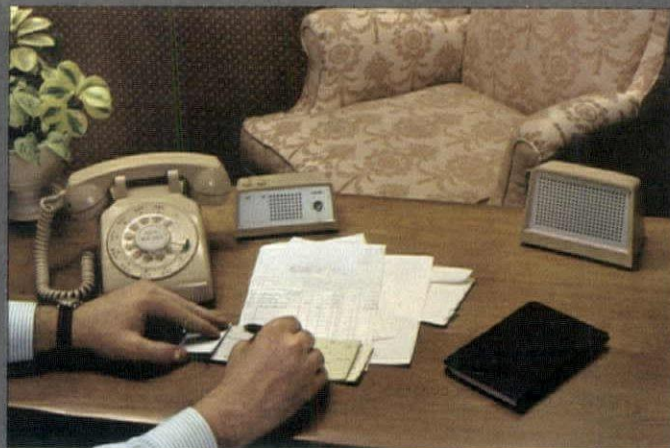
See how it can add a custom look to the homes you are planning

Concealed telephone wiring is just one service you can provide your clients or customers. The following pages of this booklet outline other telephone services that your clients will want to discuss with you. Complete specifications and detailed information for all Bell Telephone System equipment and services are available from your local Telephone Company's Communications Consultant.

**NEW BELL SYSTEM
IDEAS AND SERVICES
YOUR CLIENTS WILL WANT TO CONSIDER
FOR THEIR NEW HOMES**



THE PRINCESS... conveniently small, with light-up dial



SPEAKERPHONE... talk on the phone, "hands free"



TWO-LINE SERVICE... two lines, two numbers for your telephones



VOLUME CONTROL PHONE
... for the hard of hearing

BELL CHIME... for a telephone that
chimes—gracious, melodious



HOME INTERPHONE . . .
talk room to room, and
answer the door, by phone.





She'll love a beautiful Princess phone in her bedroom. Its features will delight her. It's little—to save space on a night table or a dressing counter. It's lovely. Modern styling makes it an attractive addition to the very nicest rooms. And it lights. The dial lights up—making it easy to find. When the receiver is lifted, it brightens—making dialing easy. A separate beige ringer goes neatly on the baseboard. The Princess comes in white, beige, blue, pink, and turquoise.



The Bell Chime is the newest, most thoughtful telephone "ring" ever. With a gentle, melodious chime it calls you to the phone wherever you are.

It's versatile, too. By moving a little lever, the Bell Chime can be changed to give the familiar telephone ring ... or a louder bell when pleasant weather takes the family outdoors.

The Bell Chime comes in gold or ivory, fits any decor.



To call someone else in the house, just pick up the nearest phone, turn a button, and talk. Speakers near other phones quietly broadcast the message throughout the home.



The person called can answer "hands free" by simply talking toward the telephone!

When the doorbell rings it is sometimes inconvenient to answer in person. Now, with Home Interphone, you just pick up a phone, turn the button to "DOOR ANSWER"



The only home intercommunication system that works with your regular telephones... offering convenience and security for the modern home.

- TO ANSWER THE DOOR—DAY OR NIGHT—JUST PICK UP A PHONE
- TO TALK FROM ROOM TO ROOM—JUST PICK UP A PHONE
- TO CHECK THE WHEREABOUTS—AND "WHATABOUTS"—OF THE CHILDREN, JUST PICK UP A PHONE

Home Interphone colors: (Interior) white, beige, pink, blue, green, yellow, turquoise. (Door Answering unit) white and gray.

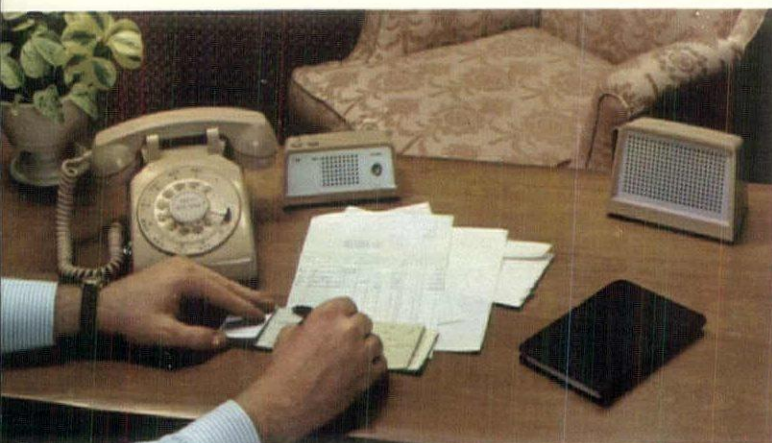
... and a small speaker-microphone beside the front door broadcasts your voice to the caller, picks up his reply to the bedroom.



**MORE AND MORE CONVENIENCES
FOR HOMEOWNERS
FROM THE BELL SYSTEM**



VOLUME CONTROL HANDSET If anyone in your family has impaired hearing, a Volume Control Handset can make telephoning easier, less embarrassing. Looks like the handset on a regular phone — yet a tiny control in the center lets anyone adjust the volume of incoming telephone voices to the best listening level. Naturally, those with normal hearing can use it just like a regular phone.



SPEAKERPHONE: Another telephone aid for those who work at home, the Speakerphone lets you carry on a telephone conversation "hands free." While you talk you can refer to papers and make notes easily. It's handy, too, for the lady of the house when she's busy.



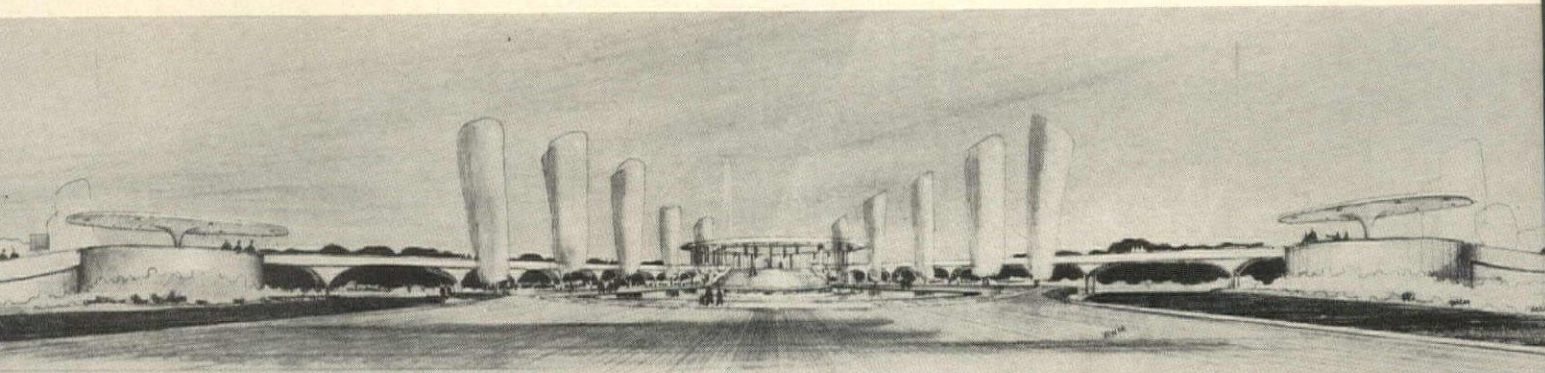
SECOND LINE SERVICE: Almost a must for the family with teen-agers. And many professional men find that a second telephone number is a profitable idea. An additional listing in the telephone book suggests caller try the second line if the first is busy.

For complete information on all Bell System home communications services and equipment, call your local Bell Telephone Business Office and ask for a Communications Consultant. His services—including consultation about concealed telephone wiring—are available without charge or obligation.

**THE CHESAPEAKE AND POTOMAC
TELEPHONE COMPANY OF VIRGINIA**



BELL TELEPHONE SYSTEM



FRANKLIN DELANO ROOSEVELT MEMORIAL

• The primary emphasis of Marcellus Wright and Son's submission for the Franklin Delano Roosevelt Memorial competition was placed on F. D. R. as an individual. The design also symbolically represents certain important highlights of his public service to the nation.

This theme was then further developed to represent physically these highlights along a path ultimately leading to the focal point, a circular pavilion containing at its center a sculptured figure of F.D.R.

The monument may be approached by automobile via the circular drive around the main pavilion. However, the rules of the competition stipulate that no vehicle may be parked in the immediate area of the monument, so

generous parking is provided at a short distance with the main pedestrian approaches leading to the monument from these areas.

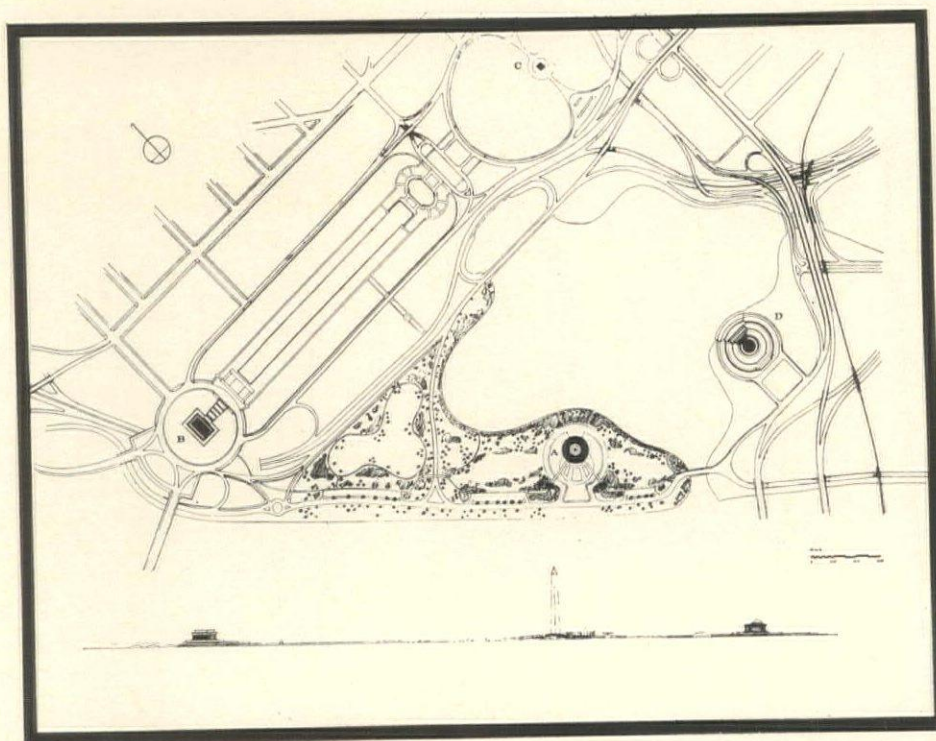
Pedestrians are led along twin pathways which are gradually ramped up to sculptured canopies. From here, before continuing, one may pause and view the entire area from a dramatic raised position. The canopies mark the beginning of the Faith Bridge, spanning rocky gardens and large pool representing the turbulent times of the depression which held the country in its grip during F.D.R.'s first term. The bridges signify the confidence instated into the people by F. D. R. The bridges terminate on the second or intermediate level of the open circular pavilion, containing at its core the sculptured two

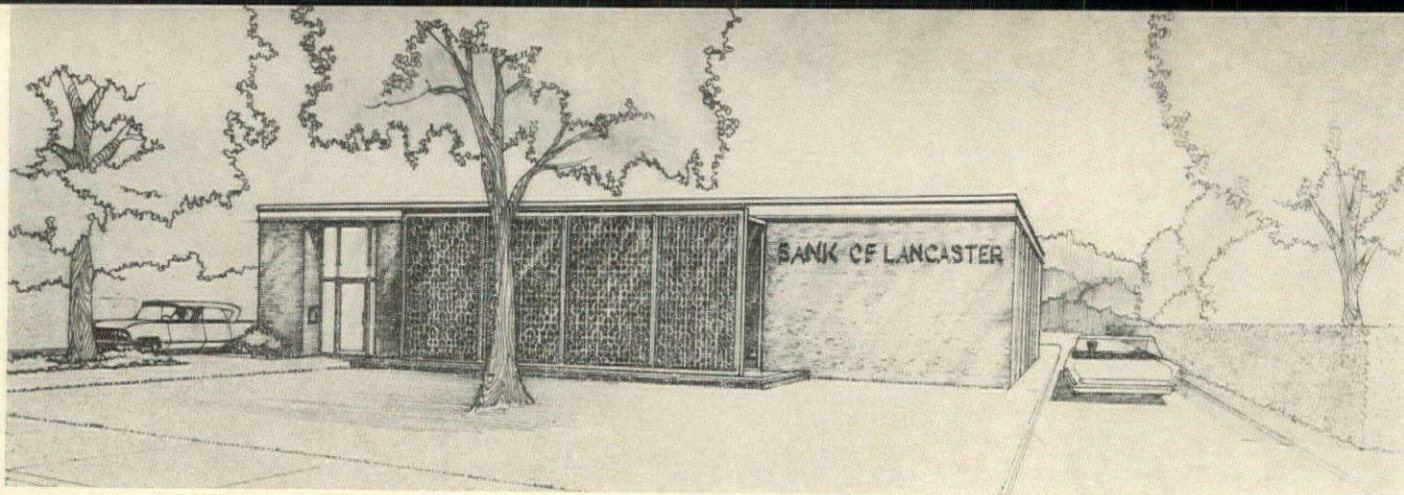
story figure of Roosevelt rising up from the water of the reflecting pools below. The four fountains on each side represent the "Four Freedoms" described by F. D. R. in his Message to the Congress on January 6, 1941.

The plan of the pavilion and pools forms a symbolic eagle with its main axis on the Washington Monument.

The major existing and proposed traffic arteries, as formulated by the National Park Service, are retained in the overall scheme.

All vehicular traffic is directed to the landscaped parking area or to the drive around the pavilion itself. The remainder of the site is utilized as a park with walls throughout and along the Tidal Basin.





NEW BANK BUILDING IN KILMARNOCK

THE BANK OF LANCASTER

BEN R. JOHNS, JR., AIA
Architect

WILLIAM G. BRANDT, JR.
Consulting Engineer

AMERICAN FURNITURE & FIXTURE CO., INC.
Bank Fixtures

MILTON L. HAMMOND, INC.
General Contractor

THE NEW STRUCTURE housing the facilities of the Bank of Lancaster has been designed to present a pleasing, modern and convenient addition to the community and to serve the patrons of the existing bank in and around Kilmarnock, Virginia.

The new brick one-story structure of approximately 5,000 square feet is fully air-conditioned. Almost all areas have suspended ceilings of fire-resistant acoustical tile, and the concrete floor slab is covered by the use of resilient tiles in the work areas, terrazzo in the main banking lobby, and carpets in the private offices and board room. Plaster walls are used in almost all areas except for one wall of the board room in which cherry paneling has been used.

The main vault is constructed in the most modern manner to achieve the highest degree of safety from fire and theft. The top and side walls of the vault are of 18 inches of reinforced concrete, while the floor is of 32 inches of reinforced concrete. The vault is equipped with telephone service and an emergency ventilating system.

In addition to a complete indoor banking service available to the patrons of the bank, there is also provided a drive-in teller window under cover, for use in inclement weather. This facility has been conveniently provided for the patrons that do not wish to avail themselves of the generous free parking facilities at the rear of the new building. For after hours depositors, a night depository is located at the front entrance.

Provisions have also been incorporated for the installation of a movie

camera that can be operated from one or more positions that will record and help identify any person or persons that may attempt to burglarize the bank.

The Bookkeeping Department is located conveniently to the tellers' area, with modern equipment and fireproof storage vaults opening directly off this area. The vault is located in a position that makes it convenient both to the open office area of the main banking room and to the tellers' area for the sake of customer convenience as well as banking function and convenience of the Officers and employees in the bank.

Coupon Booths are located immediately off the main open officers' area and adjacent to the vault, with a commodious and convenient arrangement featuring single and double occupancy booths.

The interior of the new building for the Bank of Lancaster is furnished tastefully in modern decor, featuring American Walnut banking fixtures, modern aluminum and walnut low railing to separate the officers' open quarters from the public lobby area. Furniture is walnut to match the bank fixtures and the chairs upholstered in naugahyde of colors to coordinate with the drapery material hung in the main banking room and the bookkeeping department. All of the drapery material is Fiberglas and in modern design.

This new structure has been designed with the idea of expansion of the facilities without a complete remodeling. Adequate provisions have been taken in the initial design stage to allow for this possibility.

The exterior of the building has been

designed keeping in mind that a structure with a low maintenance cost would be the most satisfactory structure. The trim at the roof line is of heavy gauge metal with a baked-on enamel finish, and the paneling immediately below the trim is of metal with a porcelain enamel finish.

The solar screen located in front of the main lobby window was used in the overall design to prevent the penetration of the sun's rays directly into the main lobby area. In addition, heat absorbing polished plate glass was used to help reduce the size of the air conditioning units required to achieve a comfortable degree of temperature in the building.

Milton L. Hammond, Inc., Tappahannock, was general contractor and did the work on excavating, foundations, carpentry, waterproofing, weatherstripping and insulation. Subcontractors and suppliers included:

E. P. Rowe Plasterers and Concrete, Tappahannock, concrete; Roanoke-Webster Brick Co., Inc., Roanoke, masonry supplier; Randolph Newsome, Lottsburg, masonry contractor; Richmond Steel Co., Inc., Richmond, steel; Truscon Steel Division, Richmond, steel roof deck; N. W. Martin & Bros., Inc., Richmond, roofing.

Also, Economy Cast Stone Co., Richmond, stone work; The Staley Co., Inc., Richmond, steel doors and bucks, windows, window walls; Binswanger Glass Co., Richmond, glazing; William R. Hammond, Tappahannock, painting; General Tile & Marble Co., Inc., Richmond, ceramic tile, terrazzo; Kilmarnock Planing Mill, Inc., Kilmarnock, resilient tile, American Furniture & Fixture Co., Inc., Richmond, paneling; W. Morton Northen & Co., Inc., Richmond, acoustical; Cyrus Clark, Kilmarnock, plaster; Pleasants Hardware, Richmond, hardware.

Others were Barton & Ware, Tappahannock, electrical work—McPhilben lighting fixtures, and plumbing—American-Standard fixtures; Varina Refrigeration Service, Inc., Richmond, air conditioning, heating and ventilating; Charleston Clay Products Co., through Eastern Building Supply Co., Inc., Richmond, masonry solar screen units.

Residence From A-D-P Showing

Selected for Virginia Museum Traveling Exhibit

Architects: MARCELLUS WRIGHT & SON

Structural Engineer: HENRY W. ROBERTS

Mechanical Engineer: THOMAS SMITH

Electrical Engineer: LEO T. GRIFFIN

General Contractor: RUSSELL B. BLANK

● This residence, designed by Marcellus Wright & Son, is located on a steep, wooded hillside below Wilton Road in Richmond's West End.

Because of the irregular downhill terrain and the natural drainage problem, an unusual amount of effort was devoted to preparation of the difficult site.

The clients required that the main living and the sleeping areas be on the same level. Therefore, these areas were placed on the main floor and the service, mechanical and recreation areas were placed on the lower level. The house is completely air conditioned.

The owner particularly desired an open, spacious feeling in the living quarters. Therefore, laminated wood beams and a wood roof deck were employed throughout the upper level including the sleeping quarters. The sleeping quarters are closed off from the living areas which are open and flow into one another.

The couple, having three small children, felt that each should be provided with separate sleeping facilities convenient to their own quarters.

The front elevation (which is by necessity some 30 feet below the street

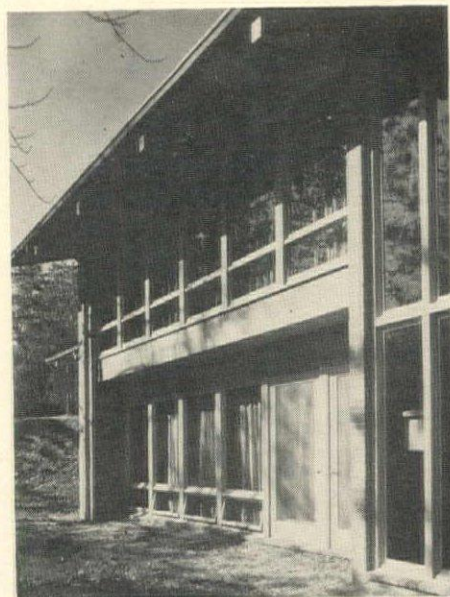
level) was kept plain with high windows in the work areas. Floor to ceiling glass was only used for the front bedrooms. The client eventually plans to shield these areas with a high planted court.

The rear elevation of the house, facing a heavily wooded area extending through to the parallel street, has been opened up with large areas of glass. The entire house is shielded from sun and water by a generous low overhang. This also insures privacy on the front elevation.

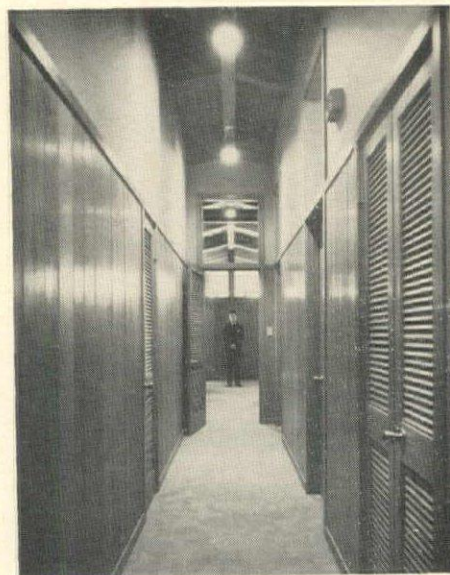
In the interest of economy, yet desiring to retain the effect of the large exposed wood roof members throughout the rest of the house, the garage-carport was erected utilizing boxed plywood three-hinged arched frames.

These proved both economical and efficient since no wind bracing was then required for the large area under cover.

All brickwork on the interior was left exposed. For ease of maintenance, the walls elsewhere were paneled to door height and plastered above to the exposed wood ceiling. No finished floor was employed as the client utilized wall to wall carpeting.



MEYERS RESIDENCE
WILTON ROAD



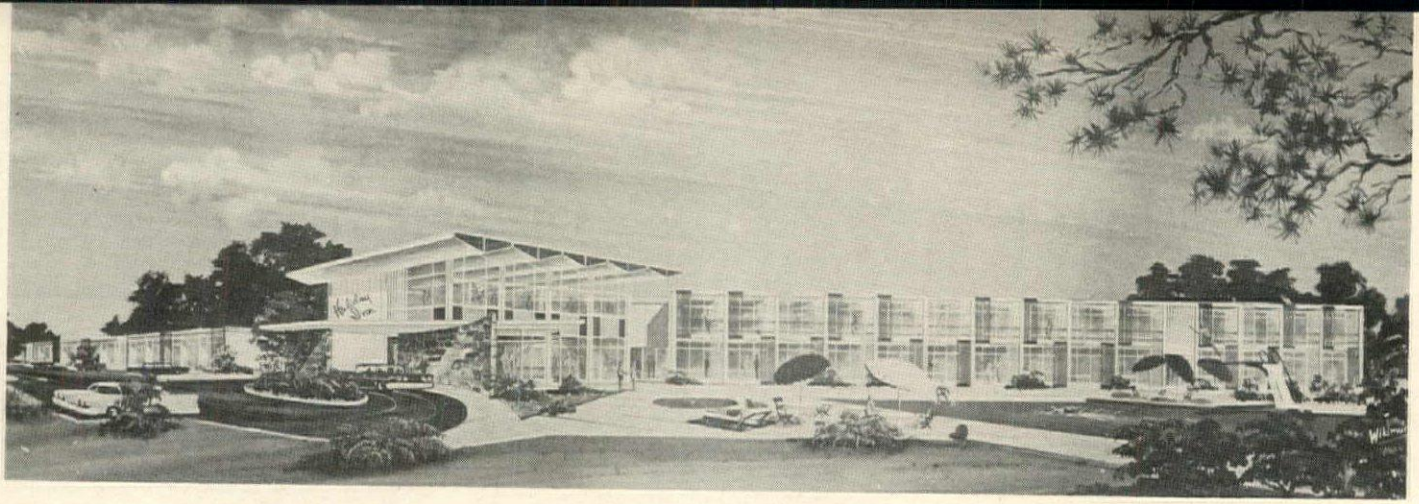
Russell B. Blank, Richmond, was general contractor, with the following Richmond subcontractors and material suppliers:

Southern Brick Contractors, Inc., masonry supplier and contractor; James H. Carr, Inc., Washington, D. C., structural wood, roof deck; R. Willison Roofing Co., roofing, waterproofing; H. Beckstoffer's Sons, windows, millwork; Albert A. Hill, painting; Virginia Tile Co., ceramic tile.

Also, Jones Brothers, plaster; Pleasant's Hardware, hardware; Cruickshanks Iron Works Co., handrails; J. A. Bowker, lighting fixtures, electrical work; Barlow & Hicks, plumbing fixtures, plumbing; Catlett-Johnson Corp., air conditioning, heating, ventilating.

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





HAMPTON-NEWPORT NEWS HOLIDAY INN

FORREST COILE & ASSOCIATES: Architects

W. BOYCE BLANCHARD, Consulting Engineer, Mechanical & Electrical

H. C. JONES CONSTRUCTION CO., INC., Myrtle Beach, S. C.; General Contractor

CONSTRUCTION is nearly complete on the new Holiday Inn in Hampton, Virginia, to serve the Hampton-Newport News area. The luxurious two-story Holiday Inn is located at Tunnel Road at interchange with Military Road. This Holiday Inn will be a part of the national Holiday Inn system which now covers the nation in 33 states from coast-to-coast and in

Canada. It will be operated under a franchised agreement with Holiday Inns of America, Inc., of Memphis, Tennessee, and owned by a group headed by Bernard Margolius of Washington, D. C. The architect and designer of the project is Forrest Coile & Associates of Newport News.

Complete restaurant facilities will be provided along with spacious meeting

rooms for banquets and conventions. The main restaurant will seat approximately 200 persons. Other features which are standard in all Holiday Inns include: a swimming pool, all weather air-conditioning, wall-to-wall carpeting, TV and radio in every room, king sized double beds, baby beds, bonded baby sitters, valet and laundry service, a telephone. (Continued on page 59)

Elliston-Lafayette Elementary School

Montgomery
County

EUBANK, CALDWELL & ASSOCIATES: Architects & Engineers

A. L. PARRIS CO.: General Contractor

Eubank, Caldwell and Associates were the architects-engineers for this new one story elementary school building in Montgomery County. The building, which was finished last August, is rectangular and measures 152 by 76 feet. The walls are of brick and limestone with interior partitions of masonry units. Steel windows were used. The roof is a 20 year built up composition while the floors are vinyl asbestos.

A. L. Parris Co., of Salem, was the General Contractor. Principal subcontractors and building suppliers, all of

the Roanoke-Salem area unless otherwise noted, were as follows:

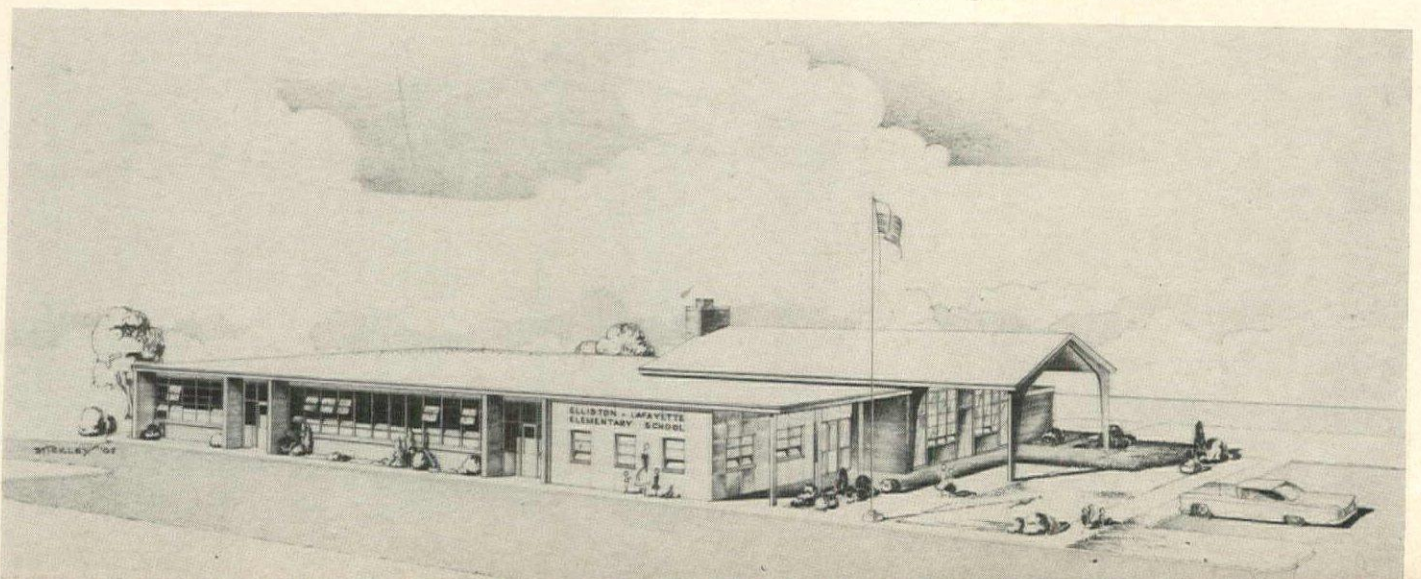
Salem Brick Co., masonry supplier; Roanoke Iron Works, Inc., steel; Southern Roof Deck Co., lightweight concrete roof deck; Leonard Smith Sheet Metal & Roofing, Inc., roofing; Mars-teller Corp., stone work; A. L. Horwitz, windows (Wm. Bayley, Mfr.); Bin-swanger Glass Co., glazing.

Tilley Paint Co., Pulaski, painting; Stark Ceramics, Inc., Canton, Ohio, structural tile; Webb Bros. Interior Tile Co., ceramic tile; Modern Floors, Inc., resilient tile; The Hampshire Corp.,

acoustical, plaster; Graves-Humphreys, Inc., hardware; A. P. Hubbard Wholesale Lumber Corp., structural wood (arches); Blue Ridge Building Supply, Inc., millwork.

Also, Arrow Electric Co., electrical work (Guth fixtures); Harris Plumbing & Heating Co., Radford, plumbing (American-Standard fixtures), air conditioning, heating, ventilating; Rusco Window Co., Inc., chalkboards.

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



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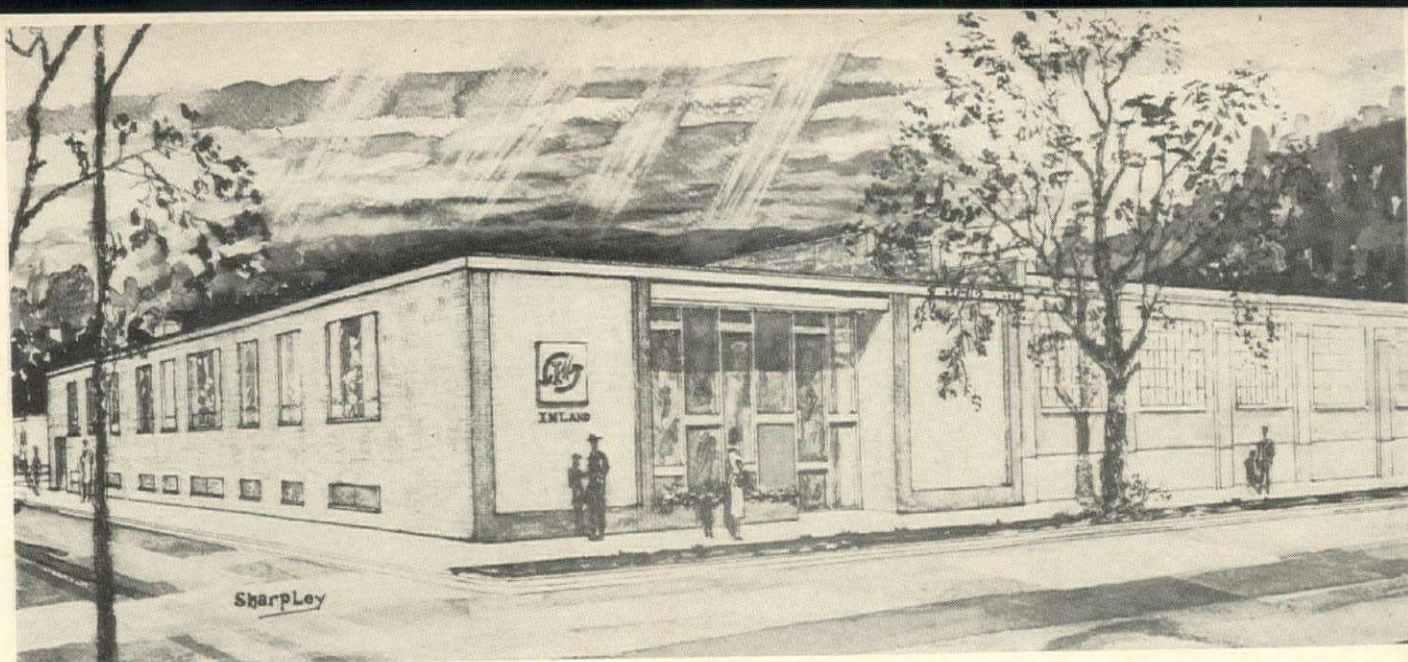
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Inland Motor Corporation of Virginia - Radford

WINSTON S. SHARPLEY, AIA: Architect

SOWERS, RODES & WHITESCARVER
Mechanical & Electrical Consultants

A. L. PARRIS CO.
General Contractor

THE INLAND MOTOR CORP. OF VIRGINIA began operations in Radford, Virginia in 1958 as a subsidiary of the original Inland Motor Corp. of Pearl River, N. Y. In 1960 this firm merged with the Kollmorgen Optical Corp. of Northampton, Massachusetts and became a wholly owned subsidiary of this merged company.

Inland designs and manufactures D.C. torque motors and rotary amplifiers largely used as components for various military products; however, Inland's present emphasis on the development of industrial end use products is expected to provide additional future marketing stability.

Mr. Hugo Unruh, as president of the parent corporation, moved to Radford, Virginia in 1958 to become the president and general manager of Inland Motor Corp. of Virginia. The firm started with 20 employees but, due to a steady production increase, had grown to a firm of 200 employees by the end of 1961.

The need for expanded offices, lab-

oratories and machine shop facilities resulted in the proposed \$100,000.00 construction program at this time. The new addition will provide approximately 11,500 square feet of floor space with a reception room, executive offices, two conference rooms, accounting section, engineering and drafting rooms on the main floor and machine shop and laboratory facilities in the basement area. The building of rectangular shape will be a brick faced wall bearing and steel structure with the main floor area fully air conditioned. The attractive split level reception area will feature a patterned block wall and a suspended stairway.

Bids were received on the Inland Building on March 1, 1962 and construction is expected to begin shortly.

A. L. Parris Co., Roanoke, is general contractor and is also doing the work on excavating, foundations, masonry and carpentry. Principal subcontractors and material suppliers are as follows:

Harry Bowling, Radford, demolition of existing

building on site; Webster Brick Co., Inc., Roanoke, masonry supplier; Roanoke Iron & Bridge Works, Roanoke, handrails, steel, steel roof deck; Virginia Prestressed Concrete Corp., Roanoke, prestressed stairs; Kirby Roofing Co., Radford, insulation, roofing; Webb Bros. Interior Tile Co., Roanoke, stone work, ceramic tile; Roanoke Engineering Sales Co., Roanoke, windows, steel doors and bucks.

Also, Binswanger Glass Co., Roanoke, glazing; Kirby Phillips, Pulaski, painting; Charles J. Krebs Co., Roanoke, resilient tile; The Hampshire Corp., Roanoke, acoustical, plaster; Graves-Humphreys, Inc., Roanoke, hardware; Blue Ridge Building Supply, Inc., Salem, millwork; Cross Electric Co., Roanoke, electrical work; Galax Plumbing & Heating Co., Inc., Galax, plumbing fixtures, plumbing, air conditioning, heating and ventilating; Dominion Signs, Inc., Roanoke, signs; Roanoke Sprinkler Co., Roanoke, sprinkler system.

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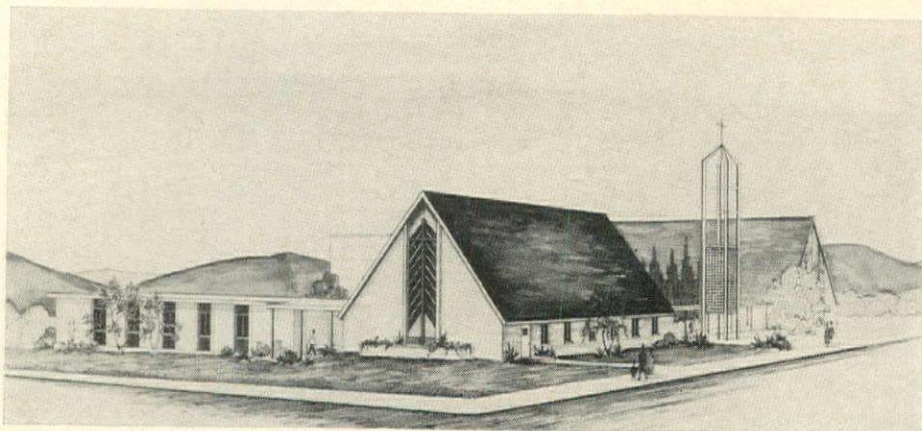
BE 2-6786

BRICK MAKERS IN RICHMOND SINCE 1871

CONNELLY MEMORIAL BAPTIST CHURCH IN ROANOKE

GUERRANT & MOUNFIELD
Architects

J. H. FRALIN & SON
General Contractor



THE NEW CONNELLY MEMORIAL BAPTIST CHURCH located on Hershberger Road in Roanoke is now under construction with completion expected this spring. As shown on the rendering above, the new facilities consist of two connected buildings each 42 feet wide and 80 and 90 feet long. Although the church building committee originally discussed a single building facility with a Sanctuary on the main floor and a Fellowship Hall in the basement, the final design consists of two new one story buildings to house these functions and connecting to an existing building with covered passageways.

The exterior of the new buildings is expected to be quite striking as they are being built of a white concrete brick containing white marble chips. Interior walls are of masonry. The roof construction of the Fellowship Hall is

of pre-stressed concrete forming a flat deck while the new Sanctuary is roofed with wood bents and wood deck. Windows are of cathedral glass. The floors are finished in carpet and asphalt tile.

There is a parking space on the upper side of the lot as well as one on the lower side. The Fellowship Hall houses the furnace room and a Boy Scout room in its basement under the lower end; all of which ties into the contours of the land the church is being built on.

The heating system is all from one hot water boiler, with circulated hot water to the new Sanctuary building and also to a new system in the old building, the pipes being run in trenches under the connecting passageway. This the architects expect will serve a secondary function of melting or at least reducing the snow on the passageway walk.

Provisions have been made for a

future bell tower and still another new Sanctuary, which will release the Sanctuary now being built for use as a chapel and for Sunday School classrooms.

J. H. Fralin & Son, Roanoke, was general contractor, with the following subcontractors and suppliers, of the Roanoke-Salem area, unless otherwise noted:

Roanoke Ready Mix Concrete Corp., concrete; Glazed Products, Inc., Martinsville, masonry supplier (white Holiday Hills stone); Valley Steel Corp., reinforcing steel; Roanoke Engineering Sales Co., metal roof deck, folding doors; Virginia Prestressed Concrete Corp., prestressed concrete, insulating roof deck; H. A. Gross, Inc., roofing and sheet metal, waterproofing; A. P. Hubbard Wholesale Lumber Corp., wood roof deck and wood arches.

Also, Southern Building Products Distributors, Inc., steel windows; Salem Glass Corp., glazing; W. E. Robertson Co., painting; Killinger's Linoleum & Carpet Co., carpet; South Roanoke Lumber Co. insulation, structural wood, millwork, paneling; Graves-Humphreys, Inc., weatherstripping, hardware; Billy R. Ayers & Son, acoustical plaster; B & R Iron Works, Inc., miscellaneous metal and structural steel, handrails; J. M. Blair Co., lighting fixtures, electrical work; G. J. Hopkins, Inc., plumbing fixtures, plumbing, heating and ventilating; Southern Deck Co., Hickory, N. C., church pews.

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

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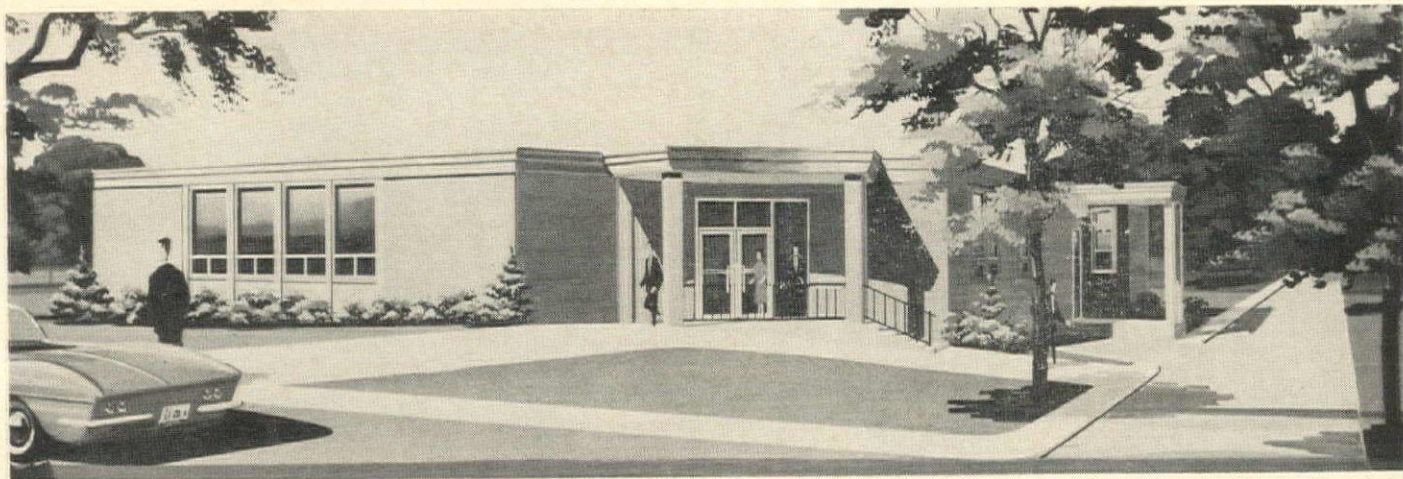
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Suppliers of Resilient Tile for the New Holiday Inn Motel.
See Page 38.



NEW PUBLIC LIBRARY Martinsville

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Architect

J. RUSSELL BAILEY, AIA
Consulting Architect

SOWERS, RODES & WHITESCARVER
Mechanical & Electrical Consultants

RAYFORD B. SMITH
Structural Consultant

• A new public library building for Martinsville will be a reality by the first part of 1963. The proposed new building will replace an existing frame residence building which has been used for a library for the past 15 years.

The building is designed to accommodate minimum requirements for a town of some 20,000 people, with all facilities on one floor with the exception of mechanical room and storage area in basement. Other features incorporated in plans are: Meeting room for 25 or more persons, and areas to accommodate special reading, books and periodicals for children and adults. Arrangement is such that one librarian could take care of the majority of duties when necessary, and also could oversee all areas of the library. Space is pro-

vided for 73,000 volumes of books and seating capacity of 50 in reading room.

Proposed library embraces plans for future expansion. It would be erected so that a new wing could be added. There will be a parking area in back of building.

Dr. C. D. Myers, Chairman of the Library Board, has offered his services to every organization and interested group in the area to attend meetings and show them plans for the new library and explain how it will function.

Trustees are: Dr. C. D. Myers, Dr. C. W. Reed, Mrs. Robert H. Haskell, Jr., Edd Draper, Mrs. Hugh S. Kearfott, Mrs. William L. Pannill, Henry C. Reed, C. C. Broun, D. Hurd Goode, Irvin W. Cubine, K. L. Thompson, Jr., and Thornton G. Wampler.

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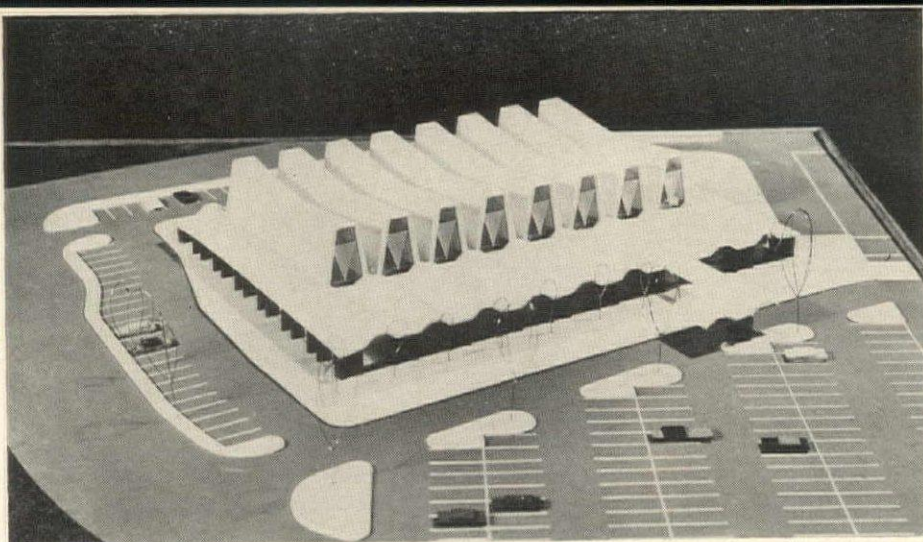
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MARTINSVILLE, VIRGINIA

(Chase Ltd., Photo)



"ROLLARENA" SKATING RINK

ANTHONY F. MUSOLINO and JOHN C. CAHILL: Architects

• The majestic "Rollarena" skating rink shown in model form was designed for acoustical as well as esthetic values by Architects Anthony F. Musolino and John C. Cahill, Washington, D. C.

The undulating roof of the facility, to be constructed next spring at the Little River Shopping Center in Annandale, provides roof-top vaults which will absorb much of the sound generated by skating enthusiasts.

Air conditioning costs will be lessened by the roof's smooth, white-sprayed Fiberglas surface which will reflect the rays of the sun. Lights from within the building will illuminate the glass trapezoids enclosing the ends of the vaults.

The "Rollarena" will feature an outside and inside dining area and roller skating facilities for 1200 people, including an outdoor rink which can be converted for ice skating during the winter.

In addition to the skating rink and a bowling alley—also designed by the architectural firm—plans for further expansion of the Little River Shopping Center also include a movie theater and a miniature golf course.

Principals in the center are Arthur Keller and George Oleson of Radio Station WEEL; Lloyd Warrington of Norfolk; Carl Johnson, Arlington Certified Public Accountant; and Virginia State Senator John Webb.

Contractors for the "Rollarena" are yet to be selected.

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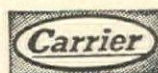
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See Page 29.

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by PAUL S. DULANEY

The University of Virginia offers a five year undergraduate program in City Planning. The student who successfully completes this curriculum is awarded the degree of Bachelor of City Planning.

The program, administered in the School of Architecture, was inaugurated in 1958 in response to the increasing demand for persons with professional preparation in the field of urban affairs, and in response to the particular need for this training at the undergraduate level. With the acceleration of urban and metropolitan expansion across the United States, there continues to be an unfilled demand for professional planners. The job opportunities exist at all levels of government and with private firms, and they exist in all parts of the country.

The student, on completion of the five year planning program may enter the professional field, or he may continue his studies in one of the graduate programs which are offered by 25 or so universities in the United States. If he goes on with graduate work he may expect to be admitted with advanced standing and complete the requirements for a master's degree in approximately one year.

The objective of the program is to provide a broad liberal arts education supplemented by courses of a technical and professional character. It recognizes that education in planning should give the student a foundation both in the social sciences and in technical aptitudes. It recognizes the ideal image of the professional planner as a person with a broad education as well as technical proficiency.

The curriculum has a liberal arts base: the first two years are essentially equivalent to the first two years of college requirements. The student may enroll in the program at the beginning of his first, second or third year in college.

The curriculum is intentionally designed so that a student may transfer into it after one or two years at one of the branch colleges of the University of Virginia or at another college or university.

The curriculum has a core of required subjects in city and regional planning and in political science. These are generally given over the student's third, fourth and fifth years but may, in some instances, be commenced during the second year.

Approximately one third of the total semester hour requirement for the B.C.P. degree is made up of electives. The program of electives for the individual student is selected with faculty advice and approval: the objective is a coherent group of courses chosen from the fields of sociology, economics, geography, speech, engineering, art and architecture, with other liberal arts courses given consideration.

The city planning portion of the curriculum consists of an introductory lecture course and then a sequence of courses which are taught as seminars and workshops. The workshop or studio courses are taken during the student's fourth and fifth years. They consist of a series of problems involving actual communities: towns, cities, counties, and metropolitan areas. In the course of these problems the student makes field trips, on-the-site studies, and has the opportunity to meet and work with the people who are actually involved in the decision-making and planning of these real life communities.

Student projects are currently being carried forward in the Town of Manassas and in Fairfax County. The fourth year class is making a study and improvement plan for downtown Manassas. This is being done as a collaborative problem with a group of architectural students; it is being sponsored by the Manassas Chamber of Commerce. The fifth year class is designing a new community for a population of 75,000 people for a site near Burke, Fairfax County.

After completion of the third year of the curriculum, students are encouraged to undertake summer internships with planning agencies or consultants. Summer student positions are normally available within the state, with compensation. The student who desires to do so can serve two such internships, at the end of his third and fourth academic years: he can thus gain valuable practical experience while still in school.

Five students will complete the curriculum this year and receive the B.C.P. degree in June. This will be the second class to graduate since the planning program was initiated.

VIRGINIA BUSINESS REVIEW

THE APPOINTMENT OF C. E. ANDERSON as General Sales Manager has been announced by Virginia Electric and Power Company.

Anderson, formerly Manager—Sales Promotion, succeeds A. L. Jameson, who was elected Vice President of Vepco's Southern Division.

* * *

Robert L. Smith, Jr., has been named sales representative for Gray Products Company, Inc., Waverly, it has been announced by Elmon T. Gray, President of the company.

Smith, whose territory will be North and South Carolina, attended Lenoir Rhyne College, Hickory, N. C. where he majored in Business Administration. He spent four years with the Army Air Force in the Pacific Theatre during World War II.

* * *

On June 11 and 12 The Norfolk College of William and Mary will conduct a regional conference for controllers, treasurers and senior accountants. Direct inquiries to Alex Hawryluk, School of Business Administration, The Norfolk College of William and Mary, Norfolk 8, Virginia.

* * *

Plans to expand Humble Oil & Refining Company's public-service film program have been announced by R. E. McDaniel, Manager of the Virginia-West Virginia Area of the Eastern Esso Region of Humble.

The films are made available on free loan to schools, clubs, business and industry, civic groups, and other organized adult audiences.

The film, "Historic Virginia", continues to lead in popularity in this area and has been seen by millions in all 50 states and many foreign countries since its 1949 Richmond premiere. Travel authorities credit it with helping bring thousands of visitors to the Old Dominion.

* * *

Richmond Hotels, Inc., has announced affiliation of its Hotel John Marshall as a "reservation service associate" of the Hilton Hotel Corporation.

to tell the Virginia Story

This means that world travelers will now be able to make direct, confirmed reservations to Virginia's capital city from any Hilton hostelry.

The 500-room John Marshall, largest hotel in the Commonwealth, will now receive and confirm reservation requests from the entire Hilton system—including the 38 Hilton Hotels in the continental limits of the United States, and the firm's overseas units in 18 foreign countries and U. S. territories.

* * *

The Thompson-Arthur Paving Company of Greensboro has won the highest national honor given by the National Safety Council for achievement in promotion of safety—the Award of Honor—for its excellent record in accident prevention in 1961. Requirements are so rigid that only a few firms earn the award, with Thompson-Arthur the first in North or South Carolina to receive it.

The company employs from 500 to 600 men in a large volume of highway construction in North Carolina and Virginia. It operates offices in Greensboro, High Point, Martinsville, Va., and Danville, Va., and asphalt plants in these cities and in Burlington and South Boston, Va. Charles H. Shaw, Jr., who directs the safety effort at Thompson-Arthur, describes it as a continuous formal program in which every member of the organization participates.

* * *

The Chesapeake and Potomac Telephone Company of Virginia was awarded The Bank of Virginia's 1962 citation in the bank's fifth annual Salute to Virginia Industry.

J. Rhodes Mitchell, vice president, received the award for C & P and the organization's 9,600 employees.

The company was cited, bank president Herbert C. Moseley said, "in recognition of outstanding business enterprise and significant contribution to economic progress in the Commonwealth."

* * *

At Virginia Beach Sidney S. Kellam, Chairman of The Board of The Atlantic Sands Corp., which owns and operates the Sir Walter Hotel Corp., announced the appointment of James M. Powell as Vice President of The Atlantic Sands Corp., and Vice President and General Manager of The Sir Walter Hotel Corp.

Powell has been General Manager of The Sir Walter for one year and brings an abundance of Hotel and Club experience to this hotel, including 11 years as Managing Director of the famous Jefferson Hotel in Richmond, during which time he opened three



(Boice Studio)

JAMES M. POWELL

clubs there, The Colony Club, The Rotunda Club and The Press Club. He has also served as a Military Club Executive and is a retired Lt. Cdr. in the U. S. Navy.

He is on the Board of Directors of the Virginia Beach Chamber of Commerce, The Virginia Beach Hotel, Motel, and Cottages Association, the Virginia Beach Rotary Club, and The Virginia Hotel Association.

The Sir Walter has undergone an extensive redecoration program and new recreational facilities have been added. A new room, The Raleigh Tavern, will open June 1.

The Sir Walter opened April 14 and plans are being made to remain open year round. Group meetings and conventions of up to 200 can be accommodated except during the months of July and August when the entire facilities are given over to regular, vacationing guests.

* * *

The appointment of Roof Engineering Corp., Norfolk, as qualified applicators of the new Ply-O-Glas roof coating system has been announced by the Ply-O-Glas Company of America, Great Neck, L. I., N. Y. Roof Engineering's president is William E. Chitty.

The Ply-O-Glas roof coating system consists of glass-fiber-reinforced neoprene and Hypalon, applied to the roof by spraying with a special gun. Chopped glass fibers used for reinforcing result in a thick, durable coat in a wide range of colors. The toughness of Ply-O-Glas and excellent bonding to the substrate eliminates need for flashing. Ply-O-Glas is especially well-suited to coating roofs of unusual geometric shapes.

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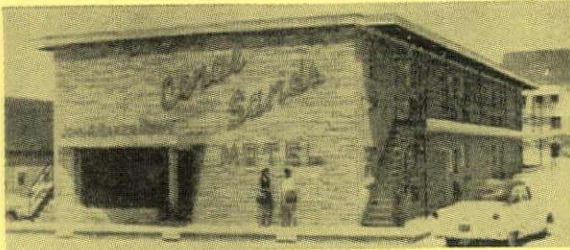
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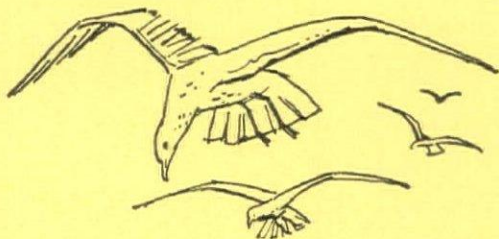
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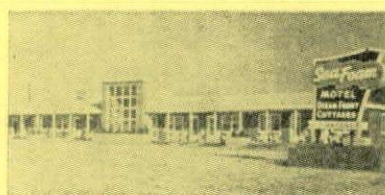
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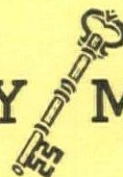
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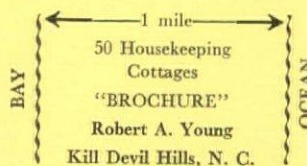
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VIRGINIA BEACH, VIRGINIA

VA. BEACH ANTICIPATES RECORD SEASON

Virginia Beach, Va.—Virginia Beach is putting its best foot forward for an anticipated record-breaking season.

By early June, visitors will find no trace of the Ash Wednesday storm that raked the east coast on March 7th. The boardwalk, which took the brunt of the sea's savagery—thus protecting the oceanfront accommodations—will have been repaired in its entirety. The beach will have been replenished with five acres of sand and the Virginia Beach story of its snap-back from the storm may go unsung, but the recovery not unapplauded.

On the boardwalk, which Army Engineers have bulkheaded against possible future storms, two gay pastel trains with surrey tops will run on a regular schedule, transporting vacationers to their destination along its three mile stretch. Somewhat in the spirit and purpose of Disneyland's Santa Fe Railroad and Virginia Beach's own "Frontierland" railroad, passengers will use this open-air transportation for taxiing, for sightseeing and sheer diversion.

Two other attractions of major popularity will be "Frontierland" which opens for its second year greatly expanded; and the "Sandpiper Playhouse" which will delight audiences with hit Broadway plays again this summer in a striped tent.

Golf enthusiasts will applaud the facilities of a new 9-hole and a championship 18-hole course, privileges of which may be enjoyed by guests of hotels, motels and cottages holding memberships. For practice and recreation there will be a driving range and three miniature golf courses.

Vying with land diversions will be new facilities in water sports on the beautiful bay waters behind the oceanfront. A new marina will have sailboats and motor boats for rental and a fine new sports fishing boat will invite charter for inshore, offshore and Gulf Stream fishing. Water skiing instruction and towing and a sightseeing cruise on Linkhorn Bay expand the resort's diversions for the 1962 holiday.

Further testifying to the growth of Virginia Beach and confidence in its most promising future, 100 new units opened in mid May, as well as a new private club for resident and non-resident members. Many of the hotels and motels have not only glamorized their accommodations, but expanded their facilities for guests' enjoyment.

Nightlife has a new sparkle this year



By early June, Virginia Beach should present as magnificent a sweep of ocean front as in this aerial photograph taken last year. (Photo Craftsmen Inc.)

at Virginia Beach. The Cavalier Beach and Cabana Club has a variety fare of top bands for dancing under the stars on the surfside deck, while the Hunt Room will feature name entertainers in a supper club atmosphere for members and guests of members. The Cape

Colony, the new Bay Harbour Club and the Cape Henry Club also feature dancing for resident and non-resident members and their guests. In addition, there are many restaurants and dance spots which are perennial favorites as well as newly opened attractions.

May Opening Scheduled For White Heron Motel And Marina

Located on a picturesque, serene site between highway and bay, this 60 unit, three-storied motel is invitingly modern in design and color. Guests drive up to a foyer lobby with three visual walls and a fountain spill on the fourth wall. Panoramic glass walls have also been employed in the bay-view dining room. Motel rooms, suites and efficiency apartments have bay view, private verandas and decorator decor that present a new dimension in resort luxury.

Incorporated in the name of the Pine Harbour Corporation, local and Virginia interests are represented in Virginia Beach's latest resort establishment.

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Fairview Christian Church (Continued from page 17)

composition of buildings ties together perfectly, as was intended in the Master Plan which was prepared in 1949.

Used in certain areas for contrast of texture are hand-molded, sand-finished buff over-sized brick which blend beautifully with the colors in the Quartzite stone.

The Nave floor is covered with cork tile and the flat ceiling is acoustical plaster, broken with downlights, ceiling diffusers that form a suspension base for polished brass chandeliers in the Georgian tradition.

The Balcony at the rear is faced with paneled surfaces, acoustically treated and the interior is broken up at truss intervals with inside buttresses or fins, all of which contribute largely to the near perfect acoustics in the space. Including the Choir and the Balcony, the Church has a seating capacity of approximately 824, which makes it one of the largest religious buildings in this area of the State. The building occu-

pies an entire city block with thoroughfares on all four sides. It is built on a high elevation which makes the tower visible from vantage points throughout the city.

S. R. Gay & Co., Inc., Lynchburg, was general contractor, with the following subcontractors and suppliers, of Lynchburg, unless otherwise noted:

E. W. Yeatts, Altavista, excavating; Southern Materials Co., Inc., concrete; Virginia Dunbrik Co., Inc., masonry supplier, lightweight aggregate concrete block; Cruickshanks Iron Works Co., Richmond, steel; Virginia Steel Co., Inc., Richmond, reinforcing, steel joists, steel roof deck; Consumers Company of Lynchburg, Inc., roofing, waterproofing.

Also, Economy Cast Stone Co., Richmond, cast stone; Tennessee Stone Co., Inc., Knoxville, Tenn., Tennquartz stone; J. E. Sears & Co., Inc., Appomattox, millwork, windows; Superior Painting Contractors, painting; Cress Tile & Marble Co., Danville, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient tile, acoustical; J. E. Coleman, plastering contractor; Bailey-Spencer Hardware Co., Inc., hardware; Roanoke Iron Works, Inc., Roanoke, steel doors and bucks, handrails; Mid-State Electrical Supply Co., lighting fixtures; Hubbard Electric Co., Inc., electrical work.

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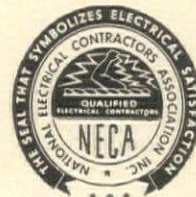
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See page 42.

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Featured on Page 18.

King's Daughters Childrens Hospital

(Continued from page 18)

panels—soft cream in color with two dark brown accents at each end—are unique in that within their three inch thickness are contained both the exterior and interior finished walls.

Mechanical fans housed within the canted accent panels at each end of the building make the complete separation of air used in each room possible. Even the roof coating, aluminum flakes in asphalt, serves the dual purpose of reflecting hot summer sun and giving a white appearance to the roof.

General contractor was R. R. Richardson & Co., Inc., Norfolk, who also did the excavating, foundations, concrete and masonry work, carpentry and waterproofing.

Principal subcontractors and material suppliers were as follows:

Woodrow W. Ford, Lynnhaven, piling; Batchelder & Collins, Inc., Southern Block & Pipe Corp., Norfolk, masonry suppliers; Tidewater Steel Co., Inc., Norfolk, steel; Roof Engineering Corp., Norfolk, roof deck, roofing; Ajax Co., Inc., Norfolk, stone work; ceramic and resilient tile, terrazzo; Brown & Grist, Inc., Hampton, windows.

Building Supplies Co., Norfolk, glazing, weatherstripping; E. Caligari & Son, Inc., Norfolk, painting, plastic wall finish; U. S. Plywood Corp., Norfolk, paneling; C. E. Thurston & Sons, Inc., Norfolk, insulation; The Hampshire Corp., Norfolk, acoustical; A. D. Stowe, Norfolk, plaster; Seaboard Paint & Supply Co., Inc., Norfolk, hardware.

Others were St. Charles (metal case work), Portsmouth Lumber Corp. (wood cabinet work), millwork; Hall-Hodges Co., Inc., Norfolk, steel doors and bucks; Newman Brothers, Inc., Cincinnati, Ohio, handrails; Holophane Co., New York, Luminous Equipment Co., Chicago, Ill., lighting fixtures; Austin Electric Co., Norfolk, electrical work; Coley & Petersen Plumbing & Heating Service Center, Inc., Norfolk, plumbing (Kohler fixtures); Cox-Frank Corp., Norfolk, air conditioning, oxygen and suction, heating and ventilating.

Also, Wilnot Castle Co., Rochester, N. Y., sterilizers, operating light; Hubert C. Jordan, Norfolk, elevators and dumbwaiter; E. F. Hauserman Co., Washington, D. C., movable partitions; Executone, sound system; Door Engineering, Norfolk, folding partitions; Anchor Fence Division, Norfolk, electric gates; Products Research Co., sealants (exterior curtain wall); Lewis & Sale, Inc., Norfolk, toilet partitions; Plibrico, incinerator; Sampson Paint Mfg. Co., Inc., Richmond, fire retarding paint; Tropical Paint Co., Cleveland, Ohio, aluminum roof coating; R. L. Sykes, Norfolk, reinstalling Della Robbia terra cotta medallions from old building; Atlantic Equipment Corp., Norfolk, kitchen equipment.

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See Page 36.

Holiday Inn Motel

(Continued from page 38)

phone in each room and a 24-hour switchboard, and free dog kennels and pet food. One wing of rooms of the new Holiday Inn will have an inside corridor for the convenience of the guests during inclement weather.

Two of Holiday Inn's most popular services will also be available. These include free advanced reservations by teletype and a no-charge policy for children under 12 years old when they occupy the same facilities as their parents.

The 81-room Holiday Inn is the first section of a projected 200-room motel which is proposed for the site. The buildings are placed in the center of a 13-acre tract which will allow for easy expansion as needed.

The Holiday Inn of Hampton-Newport News is among the more than 150 new Inns that are planned or now under construction. Since the company was founded in Memphis in July, 1952 by Kemmons Wilson, present chairman of the board, 206 Holiday Inns have been put into operation. Most are operated under franchise agreement, but 34 are owned by the parent company. At present, there are more than 19,600 rooms serving the traveling public. Other Holiday Inns in operation in Virginia include: Arlington, Bristol, Charlottesville, Danville, Lynchburg, Petersburg, Portsmouth, two in Richmond, Roanoke, Williamsburg and Winchester. Holiday Inns under construction or being planned in Virginia are: Harrisburg, Lynchburg #2, Emporia, Norfolk and Roanoke #2.

H. C. Jones Construction Co., Inc., Myrtle Beach, S. C., was general contractor and did the work on excavating, piling, foundations, carpentry, glazing and painting.

Principal subcontractors and suppliers included:

Person Bros., Emporia, masonry contractor; Pedan Steel Co., Raleigh, N. C., steel; G. A. Largent Construction Co., Inc., Cumberland, Md., roofing; W. E. Wright, Richmond, ceramic tile; Ramsey Floor Covering, Hampton, resilient tile; W & W Plastering Co., Columbia, S. C., plaster; Waterfront Lumber Co., Newport News, millwork and lumber; Currier Steel Co., Leesburg, ornamental steel; Rural Plumbing & Heating Co., Raleigh, N. C., plumbing fixtures, plumbing, air conditioning, heating and ventilating.

The swimming pool was by Jo-Pa Co., Richmond.

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ALBERTA, VIRGINIA

Paul Munro (from page 29)

column mullions between wide class-
room type aluminum windows support
a dead level flat roof with steel deck
and insulation, over which is placed a
20-year bonded roof, surfacing to be
white aggregate for its highly reflective
and, hence, insulative quality. This
building has been designed for rela-
tively simple and inexpensive future
conversion to full summer air condi-
tioning. Consequently, we have placed
4½ foot overhangs over the bank of
classroom and office windows which
shade the extensive glass areas for the
greater part of the day during the
Spring, Summer and Fall seasons. This

deep overhang occurs on the east, west
and south exposures and a 20" over-
hang is provided on the north side.

Classroom-type windows with large
areas of tempered plate glass and the
minimum amount of hopper vents all
contribute to and tie in with the idea of
heating and cooling the building eco-
nomically with electric energy. The
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Fairview Christian Church. See Page 17.

all other spaces, except Toilets and Lavatories, where ceramic tile is employed. Interior walls are light-weight aggregate cement block laid up in ashlar pattern and painted. The Lobby has brick walls and a luminous ceiling. Metal pan acoustical ceiling is used throughout over Classrooms, Auditorium, Library, All-Purpose Room and Offices.

The estimated total floor area is 34,510 square feet and the estimated total cubic content is 469,969 cubic feet. The Offices, the Clinic, the All Purpose Room, the Kitchen and the Library are all sized for expansion to a three-unit school.

All exterior brick wall surface and the Lobby walls and certain portions of the All-Purpose Room will be constructed and finished with sand-finished, machine-molded brick in a very dark red color, using tinted mortar approaching the same color as the brick. This is relieved by warm light gray ceramic tile which is employed and installed directly over the light-weight concrete block in place of brick veneer under the Classroom windows and under and over the All-Purpose Room windows and in the panels over the main entrance doors at the Lobby and at the outside entrance from the Corridor. To help relieve the monotony and to make the building interesting and appealing to the children who will occupy it, appropriate ceramic tile mosaic panels and designs are sparingly used on the exterior.

Skylights, roof vents, fans, etc., have been held to the absolute minimum in quantity and height for practical, functional and esthetic reasons. All roof gravel stops and fascias are preformed aluminum. With the use of aluminum windows and other aluminum trim, it is hoped that painting maintenance on the building can be substantially reduced.

Henry D. Porter & Co., Lynchburg, is general contractor. Subcontractors and material suppliers, from Lynchburg unless otherwise noted, are as follows:

Virginia Dunbrik Co., Inc. (block) and Roanoke-Webster Brick Co., Inc., Roanoke, (brick), masonry suppliers; Montague-Betts Co., Inc., handrails, reinforcing steel; Structural Steel Co., Inc., Roanoke, structural steel; Virginia Steel Co., Inc., Richmond, steel joists; T. B. Dornin-Adams Co., Inc., roofing; Economy Cast Stone Co., Richmond, stone work; Truscon Steel Division, Republic Steel, Richmond, windows.

Others are Binswanger Glass Co., Roanoke, glazing; W. W. Wilson, Jr., painting; Charleston Clay Products, Charleston, W. Va., structural tile; Standard Tile Co., Inc., Staunton, terrazzo, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient tile, acoustical; Graves-Humphreys, Inc., Roanoke, hardware; Valley Metal Products Corp., Roanoke, metal doors and bucks.

Also, McDaniel-Kelly Electric Co., Inc., electrical work; Marvin Moseley, plumbing (Kohler fixtures); Virginia Air Conditioning Co., Inc., heating and ventilating.

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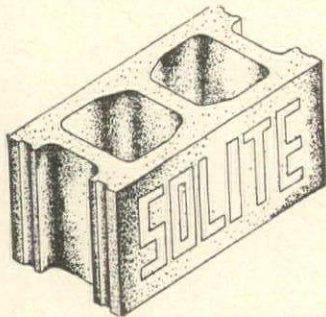
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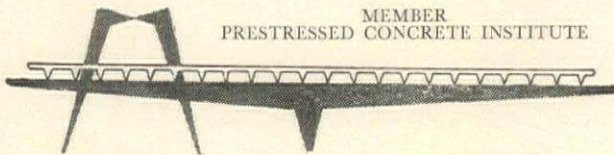
Electrical Contractor for the New Paul Munro Elementary School,
Featured on Page 29.



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Electrical Contractor for the Federal Building. See Page 16.

MUSEUM WITHOUT WALLS

(Continued from page 5)

of mental superiority in abstract thinking—the individual endowed by nature for working in correlative concepts. While providing opportunity for the individual student whose bent is counter to technical specialization (a sort of Baltimore Colts or New York Yankees for the superior non-scientific mind) the correlation would develop in many adults dormant gifts (as well as responses) for developing ideas of the whole through practice in studying and thinking in syntheses. Somewhere must be a Grandma Moses of philosophy waiting only for the encouragement. Whether from students yet unborn, or from mature persons whose obligations have given them no previous opportunity, the superior individual and individuals can emerge *only* from a group movement.

As mentioned before, the flowering of great individuals has always occurred in clusters, where the conditions at that specific period in time in that specific place were favorable for their development. Essential in these conditions is the audience, and the character of audiences is not a stable quality.

The great thinkers and creative minds of Greece were concentrated in a short period in the life of Athens. The Renaissance in Florence might be considered to have spanned 150 years from the first budding to the last fading, but the full flowering was one period toward the middle of the span, when cultivation of the arts received the incalculable stimulus of Lorenzo de Medici. The Elizabethan period, of which Shakespeare was the Michaelangelo, lasted at its peak no more than 20 years: it was born in the London of Elizabeth, the greatest ruler in the history of the British Empire, and faded in the reign of the unlikeliest James I. People changed in Athens, Florence and London, as they have changed in America and as they have changed and are changing in Virginia.

The "golden age" of Virginia in its leadership covered about 50 years, 1770 to 1820, when the state produced a never equalled array of leaders in

statesmanship and politics—original thinkers in the relationship of man to his society and able practitioners in organizing and operating the machinery of government. Though now Virginia is as suspicious as most communities in cultivating the superior individual of the mind, the great age of the state resulted from a self-aware policy of cultivating the superior individual. Of these, Thomas Jefferson was the superlative synthesizer of knowledge, most advanced in the correlative powers of thinking needed (then as now) to perceive a meaning in the total consciousness. Washington, less agile mentally and less felicitous with the pen—essentially a man of action, a Colonial de Medici—brought the most rigorous self-discipline to an understanding of the whole.

Today, it is as if the populace has resigned itself to fragmentation through technological specialization and eschewed Washington's kind of purpose as futile. "It was simpler in Washington's day." So it was, but the need is greater today and so are the facilities—if used with purpose.

Most of all in Washington's day the purpose existed to produce the superior mind, and, as in Athens and Rome, in Florence and London, the mental soil was carefully cultivated to produce the overlapping generations of Washington, Jefferson, Madison and Monroe, John Marshall, George Mason, Patrick Henry and Benjamin Harrison, Wythe, Tucker, the Lees and John Randolph of Roanoke. No such galaxy has ever appeared by accident. They were produced in Virginia by the combination of the need of the times and dedication to the principle that all men are created unequal in endowment.

In the span from their day to ours, some not readily explainable change occurred in the attitude toward the superior mind, and, with this change, a decline in the evaluation of the "educated man" in the old meaning of the word. The tangible contributions to these changes are well-known—the disruption of all educational life during

and immediately following the Civil War, the long blight of regional poverty which continued into the present, and, partly through necessity, the habit of neglecting emphasis on the life of

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See Page 17.

the mind. Into these conditions entered the less tangible element of the shift of the Southern mind from international thinking into defensive thinking in protection of the region. Almost contemporaneously with Jefferson's death (1826), the cosmopolitan outlook which characterized him began to change into the regional defensiveness which has, to varying degree, characterized all Southern thinking since. That this defensiveness was—and, to some extent, is—necessary should not obscure the other elements, not necessary, which have resulted from the total experience of the 130 years.

Specifically in terms of the "cultural" atmosphere which Governor Harrison wishes to be revitalized, Virginia justified its lags in the measure of the national scale by the reasonable and sound explanations of the economic-social disruptions. Though these explanations were both reasonable and sound, the pride inherent in the Virginia character began to exert the influence which caused the explanations to progress into a certain proud acceptance of things as they had become. A parochialism and a strain of the complacency which detractors call "smugness" finally attributed to educational conditions as they were a positive good because the conditions *were* Virginian. As for the national measure, it sufficed to say, "We don't want to be like them anyway."

By now, in some quarters "social acceptability" prescribes the non-mental attitude, and those who wish to be secure or to advance themselves in the social aspects of the Organization Man's era make their conformity by exhibiting mediocrity of the mind. When a formerly reasonable defensiveness has reached a point where it can be perverted into a provincial snobbery, in which mental torpor becomes a requisite of social position, those conformists are obviously approaching a stage where the Jukes family of idiots will become their élite. Such an unedifying extreme serves to illustrate the progress of a once explainable lag into an attitude. Though this illustration is an extreme, it is the extreme of an attitude—and an attitude which the state no longer can afford.

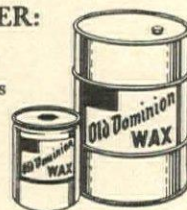
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posed, Virginia is to adjust to the changing world encroaching upon us, we need, as he has stressed, the principles of our heritage and not the continuation of habits formed in other eras, under other conditions, which no longer obtain. We are beginning today to measure our changes since World War II rather than from the Civil War, and the fundamental change since World War II is, of course, the urbanization of the state.

With all that many deplore in such a change, and with all that is lost of a structure which influenced the moulding of the Virginia character, the dominance of the city in any society has marked a time of ferment. Paradoxically, as Professor Muller wrote in his *Uses of the Past*, "Even religion owes its highest achievements to the city. Simply because the village is conservative, orthodox . . . while the city is given to heresy and unrest . . . the first great churches were established in the great cities of Ephesus, Antioch, Alexandria, and Rome. . . . The stabler mores of the village do not permit the freedom that may be abused in the city; yet stability is not the *summum bonum*, and freedom is essential if morality is to be rational and responsible."

The freedom of thought associated with an urban society will be a basic and inevitable part of the ferment that comes with the basic change to the Virginia society. Since the Virginia character might by now be regarded as fully matured, indestructibly formed, it develops on the Virginia mind to control and direct the changing forces that are upon us, whether we will or not.

The establishment of an unvalled museum of culture, devoted to the study of man's relation to his world, is, of course, merely a suggestion of one tangible program that could be used in furthering Governor Harrison's purpose of inaugurating a "cultural renaissance." But it does mark one tangible course that could be followed in cultivating a new soil for the mind, out of which could grow forces of the mind capable of directing and controlling the impact of changes in detail. This mental revitalizing is not merely desirable: if the Virginia character is to continue as we know it, conditions which produce conceptual architects are an essential. For there is one absolute certainty: we are in the age of the city, and in the city one must advance or decline.

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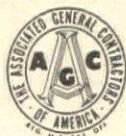
Phone DUpont 9-7253

Concrete Suppliers for the New Hurt Park Elementary School, Page 25,
 and the Patrick Henry High School, Page 20.

AMES AND WEBB, INC.

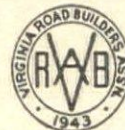
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 See Page 14.

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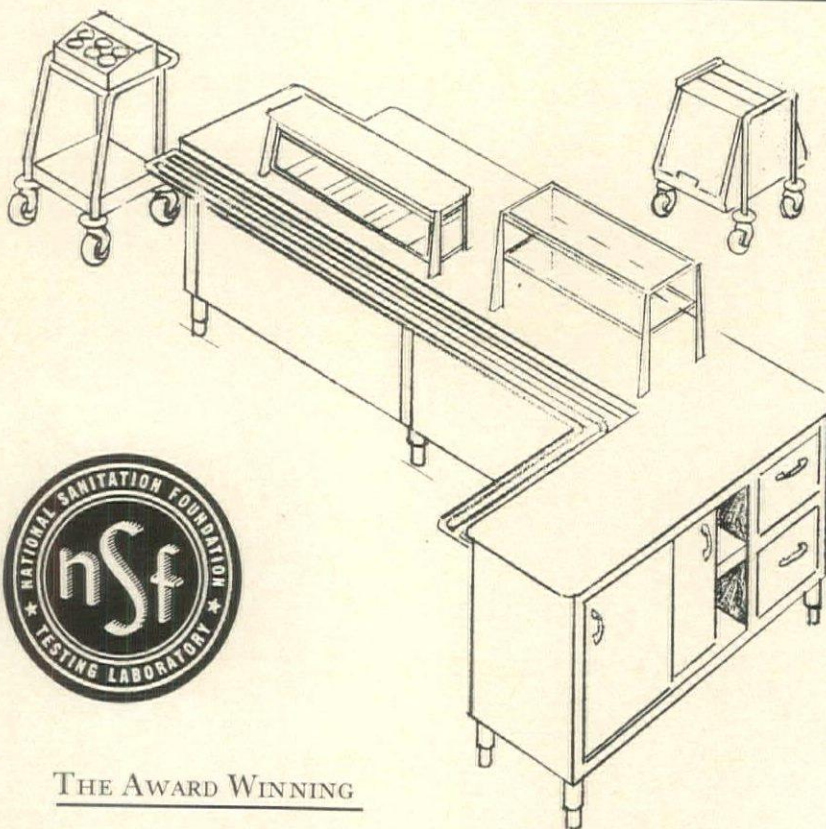
JOHN WILLIAM MARTIN

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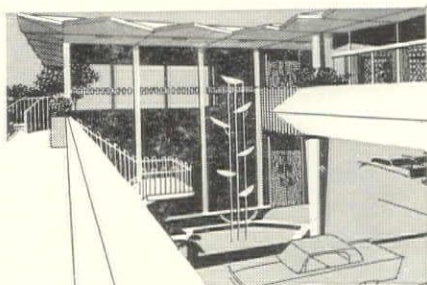
THIRTY YEARS OF QUALITY CRAFTSMANSHIP

The best ideas are more exciting
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First National Autobank, Tulsa, Oklahoma. Architects & Engineers: McCune, McCune & Associates, Tulsa. Contractor: Tulsa Rig, Reel & Manufacturing Company, Tulsa.

Folded roof to glamour walls... concrete adds new attraction to drive-in banking



Over 600 cars daily use the drive-up windows. A half million transactions were handled at the Autobank the first year. Tom-Tom Room, to the right of two-story bank lobby, is provided for meetings of Tulsa civic groups. It's reached directly from upper parking deck.

Out of a need for drive-up tellers' windows, as well as parking facilities, came this handsome banking center. Tulsa's First National Autobank is a delightful example of the many ways concrete can combine structural practicality with good design.

Here, concrete plays a major decorative role in many different ways. You see everything from folded plate canopies over the parking arcade to walls and sunscreens in high-style masonry shapes. Drives are black concrete. Upper deck parking area is a hollow-core concrete deck.

Today's architects find there is no ceiling on imagination when they design with modern concrete.

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A national organization to improve and extend the uses of concrete

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Solite Lightweight Structural Concrete And Masonry Units Prominently Featured. As in so many outstanding projects, Solite was used extensively throughout. Solite masonry units, backing up exterior walls, were left exposed inside. Solite structural concrete was used in pre-cast roof deck and in Flexicore floor slabs with structural concrete topping.

Solite Accomplishes Multiple Objectives. The use of Solite lightweight structural concrete reduced deadweight by approximately 895 tons—thus effected substantial savings in materials, time, labor. Besides reducing costs, Solite provided extremely high acoustical, fire resistance, stability and insulation properties. Another example of Solite versatility—as it fills the **multiple needs** of modern school construction.

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Architect

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