

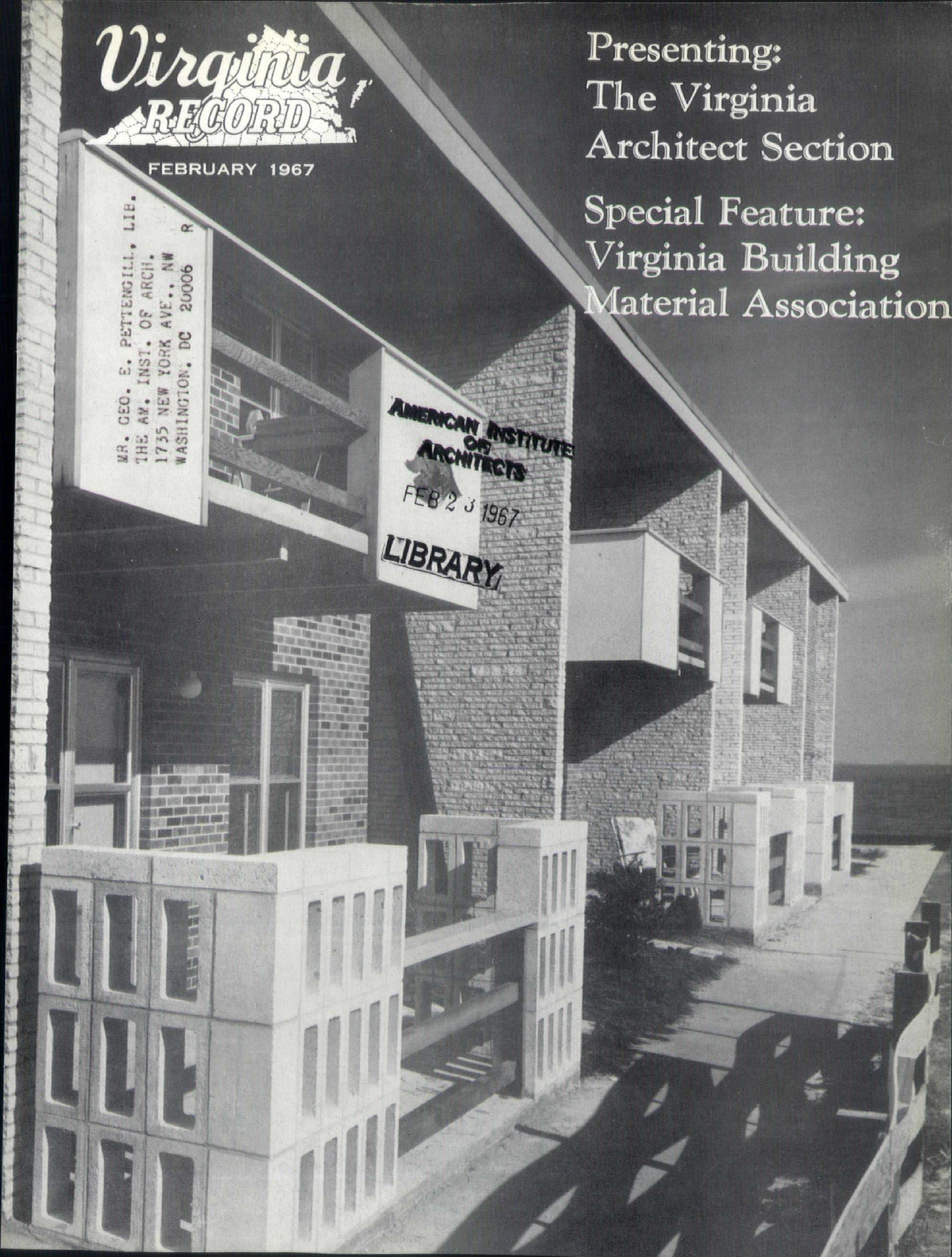
Virginia RECORD

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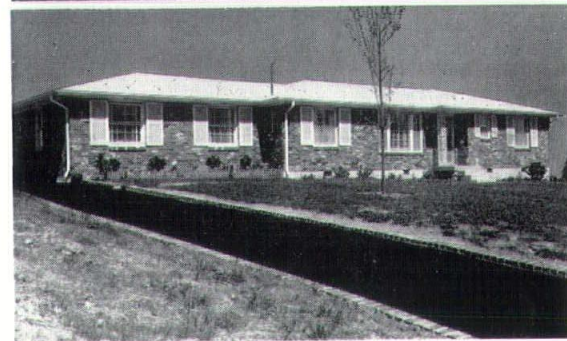


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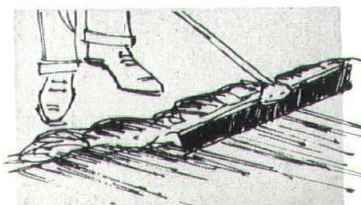


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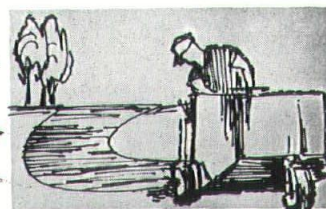
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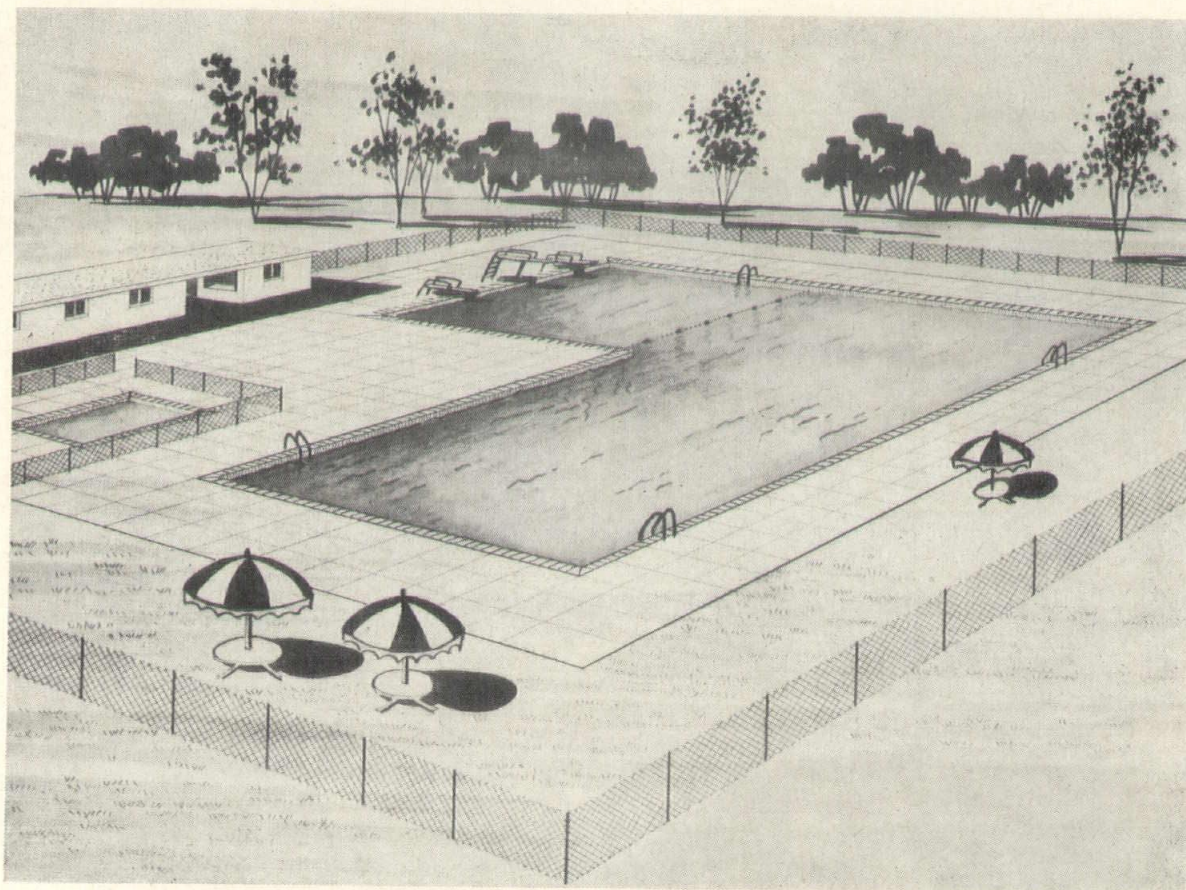
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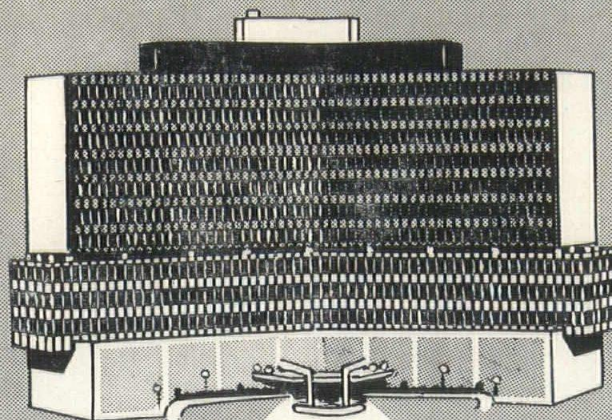
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COVER NOTE: Pictured on the cover is a project designed by Laszlo Aranyi, AIA—the Toler Beach Apartments—located in the Ocean View section of Norfolk. For more on this building, please see page 22.

"Why Should the Spirit of Mortal Be Proud?"

THERE IS A SAYING from somewhere that goes, "Why should the spirit of mortal be proud?" I've no idea where this came from nor precisely what it means. However, from currently arising the experience of the confrontation of the ultimate reality, life and death, it seems to me that the spirit of mortal has, when meeting its ultimate test, every reason to be proud. This ultimate test is in facing the dread disease cancer and I am a witness to the courage which is instinct in the human spirit when called upon to face ultimates. There is a nobility, a grandeur, in this courage, a magnificence in the noble confrontation that dwindles into insignificance the details over which we usually fret and worry.

In sharing this experience of another, I find that I too regard from another viewpoint the normal anxieties and transient interests of the days. I find that I look at passing events from the measure of ultimate values, and in that measure so much of the recorded news and the pontificating about news and non-news—is irrelevant to the spirit of mankind. My attention has grown limited.

One item on the editorial page that I find that I too regard from another viewpoint the normal anxieties and transient interests of the days. I find that I look at passing events from the measure of ultimate values, and in that measure so much of the recorded news and the pontificating about news and non-news—is irrelevant to the spirit of mankind. My attention has grown limited.

the gospel to Alabama) believed his state's racial relations were as near perfect as possible. When the terrible riot pulled the rug from under all the false premises, the immediate reactions led to the formation of the usual commissions of study—mostly designed to discover where to place responsibility.

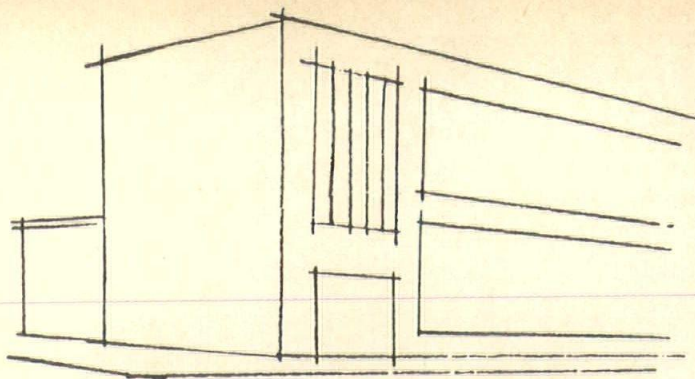
What Reagan seems to have arrived at is that the whole problem of Watts—as of any similar problem—is beyond both blame-placing and easy solutions. Reagan would appear to have recognized that in the nature of the human condition problems arise for which there are no easy remedies and in which the assessment of blame is irrelevant. Accepting the human condition in Watts as *existing*, he has turned to practical measures to correct the condition as far as possible by known measures. Though Governor Reagan has not said this, the rest is up to the human spirit. But Reagan did begin by calling upon individuals in the Los Angeles area for responsible acts they could take, of initiative and cooperation, that would make it possible for citizens in Watts to *help their own condition*.

From my present view of ultimates, it seems that the individuals' confrontation of their own condition is the element most needed in effecting beneficial changes in the human society as now established in this country. We are all too familiar with the ailments prevalent in our current national condition, and daily read of increasing disenchantment with The Great Society. But it is highly possible that Mr. Johnson's commitment to remedies involved with

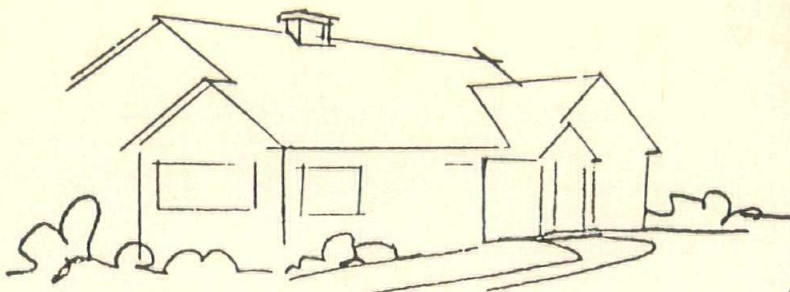
(Continued on page 71)

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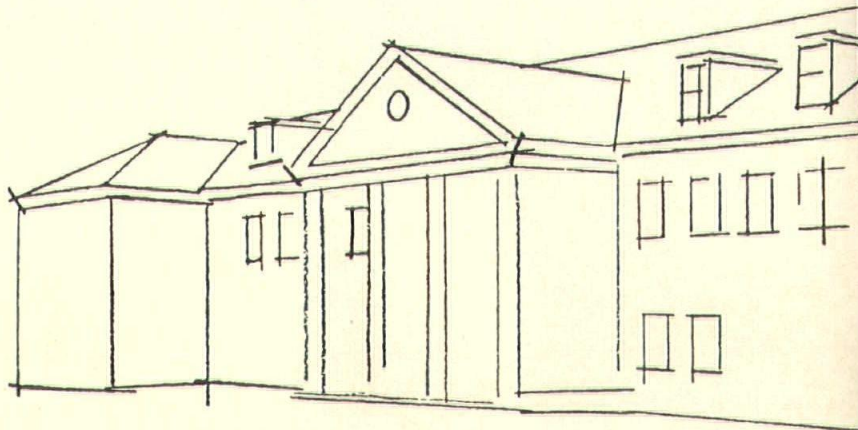
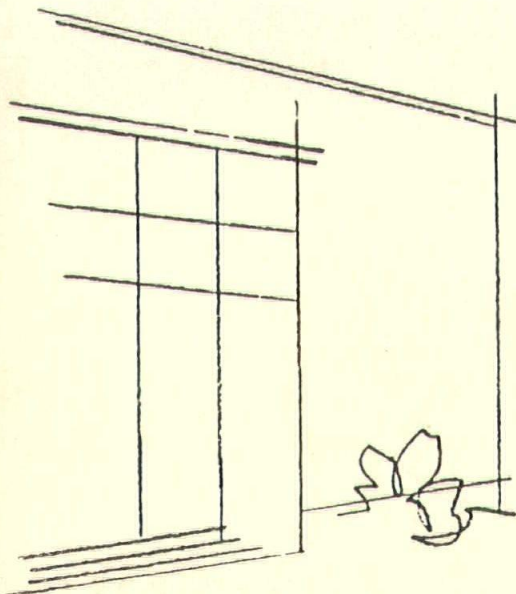
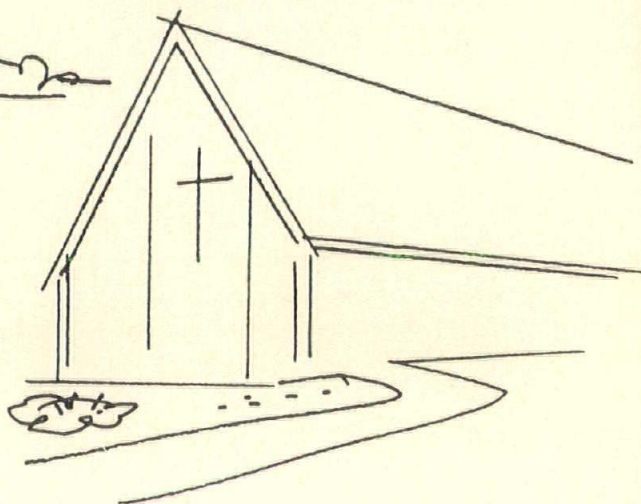
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**SAMUEL ARMISTEAD
ANDERSON, III**

Born December 18, 1933 in Richmond, he received a B.A. Degree in History from the University of Virginia in 1955. Anderson attended the School of Architecture at the University of Virginia for two years, then transferred to the University of Pennsylvania in Philadelphia where he graduated from the School of Fine Arts in 1961 with a B.A. Degree in Architecture. He is presently employed as staff architect with Rawlings and Wilson in Richmond.

LOWELL BRADLEY BAUGHAN

Born May 23, 1938 in Harrisonburg, Baughan received a B.A. Degree in Architecture from the University of Virginia in 1962. He worked with Stainback and Scribner in Charlottesville until 1965 when he formed the firm of Baughan and Baukhages in Luray. He has been a Professional Associate Member of the Virginia Chapter, AIA since October 14, 1965.

(Please turn the page)

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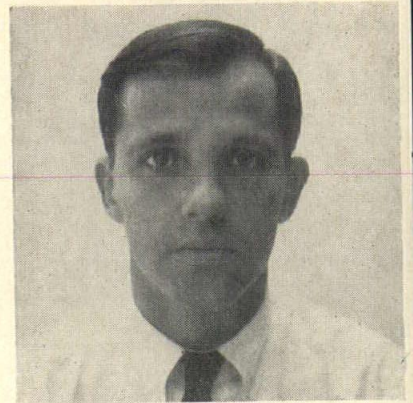
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AIA NEWS



HUGH KIRKLAND BERKLEY

Born July 31, 1936 in Portsmouth he attended the University of Virginia in Charlottesville. The recipient of AMVETS National Memorial Scholarship, Berkley went to work for Yate and Boggs, Architects of Portsmouth in June 1962, and became a partner in the same firm in June 1966.



**HARRY SUTHERLAND
CRUICKSHANK**

Born August 8, 1933 in Providence Rhode Island, he graduated from the Rhode Island School of Design in 1955 with a B. S. Degree in Architecture and in 1958 received Masters of Fine Arts in Architecture Degree from Princeton University. Cruickshank is presently with James H. Gould, Architect in Richmond.

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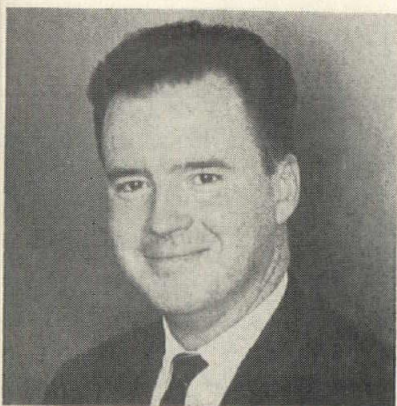
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GRADY P. GREGORY, JR.

Born May 31, 1930 in Roanoke, Grady graduated from V. P. I. in 1953 with a B. S. Degree in Building Design. He became a Professional Associate member of Virginia Chapter, AIA in 1963 and is presently employed by Kinsey, Motley and Shane, Architects-Engineers in Salem.



JOHN LYNWOOD MOURING, JR.

Born June 5, 1931 in Newport News, Mouring graduated from V. P. I. in 1960 with a Bachelor of Architecture Degree. Mouring is a recipient of the J. A. Edward Langley Scholarship and the Tile Council of America, Inc. Scholarships, and is presently working with Forrest Coile and Associates in Newport News.

(Continued on page 65)

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President—VBMA

VIRGINIA BUILDING MATERIAL ASSOCIATION

The Virginia Building Material Association is celebrating its 41st anniversary with its convention and exposition at The Golden Triangle Motor Hotel, Norfolk, February 22-24, 1967. The VBMA was incorporated on September 23, 1926, with its principal office located in Richmond.

The original officers of the association were: President: W. A. Barksdale, Charlottesville; Vice Presidents: F. W. Kling, Roanoke; S. T. Massey, Richmond; C. L. Bell, Suffolk; Secretary-Treasurer: Hugh Bryan, Staunton; Directors: H. E. Kennedy, Roanoke; W. O. Taylor, Lynchburg; R. C. Overstreet, Bedford; A. T. M. Rust, Christiansburg; P. F. Conway, Danville.

The Articles of Incorporation filed in 1926 were signed by: F. W. Kling, H. E. Kennedy, P. T. Jamison.

These gentlemen had the vision and foresight to see the need of a united organization to represent their industry. These businessmen formed the Virginia Building Material Association for the following purposes as stated in the original Articles of Incorporation: "For the purpose of developing a closer relationship between the retail lumber and builders supply merchants of this state; to bring together its members to utilize the combined intelligence and experience of said members for enlightenment of any subjects relative to its business, and to insure co-operation among its members and promoting a high standard of business methods; to promote the general welfare of said industry and perpetuate the same; to bring about mutual co-operation, improvements and reform in business methods among its members and to adopt such rules and regulations therefor as may be deemed expedient; to assist in any way in working out certain legislation, especially as regards our mechanic's lien law, which may be of value to us and to the public at large as well as better methods of doing business and better credit system; and to do all things necessary for the promotion of the welfare of its members."

Basically these purposes hold true today.

Under the capable leadership of Mr. Harris Mitchell of Richmond, who served the Association as its faithful and dedicated Executive Secretary for 29 years until his retirement in 1964, the Association has grown and expanded as have its purposes.

In the Constitution of the Association, adopted in 1965, the purposes are more clearly defined in Article III as follows:

ARTICLE III

Purposes and Objectives

"Sec. 1 INDUSTRY PROMOTION: To perpetually promote the general welfare of the Lumber and Building Material business throughout the State of Virginia.

Sec. 2 EXCHANGE OF IDEAS: To provide a state-wide medium for the exchange of experiences and opinions through discussion, study and publication of the following aspects and functions of the Lumber and Building Material business: (a) the proper objectives, functions and activities of the Lumber and Building Material business; (b) the legal aspects of operating a Lumber and Building Material business; (c) the basic merchandising principles of operating a Lumber and Building Material business; (d) efficient methods, procedures and techniques of the management of a Lumber and Building Material business and (e) the responsibilities and professional standards of Lumber and Building Material business executives.

Sec. 3 PROFESSIONAL STANDARDS: To develop and encourage high standards of service and conduct among those persons engaged in the Lumber and Building Material business.

Sec. 4 EDUCATION: To conduct, and cooperate in the conduct of courses of study designed to better fit the Association's members and their employees for executive and administrative functions in the conduct of their business affairs.



*Forty-first
Anniversary
Convention
February, 1967*

Sec. 5 PUBLIC UNDERSTANDING: To broaden public understanding of the importance of the function of the Lumber and Building Material Industry in the American economy.

Sec. 6 PROMOTION: To promote and advance the use of lumber, building materials and builders' supplies throughout the State of Virginia through any means consistent with the public interest.

Sec. 7 COOPERATION WITH OTHER GROUPS: To cooperate with other local, regional and national groups of Lumber and Building Material organizations and to establish and maintain liaison with other professional, governmental and business groups or agencies.

Sec. 8 REPRESENTATION: To provide adequate representation of its members with other branches of the industry and with the government at all levels.

Sec. 9 OTHER PURPOSES: To undertake such other functions, consistent with this Constitution and all State and Federal Laws pertaining to the conduct of trade associations, as well as to advance the efficiency, success and standing of this Association's members."

The Virginia Building Material Association is the only organization of its kind in the world which has as its sole purpose—to better the lot of the retail lumber and building material dealers in the State of Virginia. The majority of the lumber and building material dealers support the Association through membership and dues. However, all of the dealers in the State of Virginia benefit. There are some services and benefits that only members receive, but the Association provides the dealers of Virginia with an organization and a central voice that can speak for all dealers of this state.

The Association represents the dealers on the national, state and local levels and keeps the dealers informed on any matters concerning the building industry. This is primarily an intangible service and the results are difficult to measure. However, most of the dealers realize the value of this service and are willing to share the cost.

Trade associations are essentially an American institution.

There were, of course, trade guilds in Europe as far back as four centuries ago, and later cartel organizations were also developed in Europe. But guilds and cartels were not trade associations as we know them here. Rather, they

were devices by which artisans and merchants banded together to suppress competition, or to divide up a market among themselves.

The American trade association, unlike European guilds and cartels, does not exist for the purpose of suppressing competition, quite the contrary. Trade associations in this country are composed of companies or individuals, in the same industry or trade, which are themselves frequently vigorous competitors. Moreover, our trade associations are entirely voluntary. No one has to join an American trade association to engage in business.

Typically the majority of trade associations (and there are about 12,000 national, regional, state and local associations and professional societies in this country) exist for the purpose of permitting members to exchange concepts and information on common problems, thus enabling them all to perform with more competence.

The result is that the general public is the final beneficiary of the widespread activities of modern trade associations. When a physician attends a seminar, sponsored by his state medical society, and learns a new technique for treating disease, his patients are the ultimate beneficiaries. Likewise, when a businessman learns, through his association a new and more efficient method for performing his basic economic function, his customers are the ultimate beneficiaries of his new-found knowledge.

People are sometimes inclined to think of trade associations as self-serving pressure groups. It may be surprising, then, to hear it said that the principal function of most trade associations is to provide a clearing house for the exchange of information on common technical and management problems. Think for a moment, however, about the activities of trade associations to which you belong, or with which you are familiar. Aren't most of them almost entirely engaged in communications activities?

This is precisely what happens through trade associations. American business and professional men are constantly engaged in telling each other, competitors included, how to do the job a little better.

There is a saying among trade association men that goes something like this: "If you have a dollar and I have a dollar, and we trade, we each still have a dollar. But if you have an idea and I have an idea, and we trade ideas, we both end up with two ideas."

Trade association membership, then, is not merely an obligation—although it is that, too. Rather, it is an opportunity to enrich and improve the industrial or professional environments in which we daily expand our energies and efforts.

In order to accomplish the aims and purposes of the association, the Virginia Building Material Association was reorganized into zones and districts in 1965.

The organizational structure of the VBMA as indicated on the organizational chart is composed of, first, an annually elected president heading the state wide association. Serving under the president are a treasurer and secretary, who is also the executive director. The immediate past president serves as an advisor to the president and is a member of the board of directors.

There are four vice-presidents. The state is geographically divided into four zones as shown on the organizational map, with each zone including one of the four major marketing areas of the state. The Northern Zone includes the Northern Virginia area of Arlington and Alexandria, the Western Zone includes the Roanoke-Lynchburg area, the Central Zone includes the Richmond area and the Eastern Zone includes the Tidewater area.

Each zone is represented by a vice president and, also, each zone is divided into three districts with a director representing each district. These directors along with the officers and past presidents compose the board of directors which is the governing body of the Association.

This type of organizational setup ensures equal representation from each area of the state and the needs of each can be considered. It also facilitates the communications problem both in disseminating information and in gathering it.

The president of the VBMA as well as the other officers and directors except the secretary are all non-paid members of the Association. The executive director of the VBMA, who serves as its corporate secretary and registered agent is the only paid executive of the Association.

As the chief paid executive of the Association, the executive director must adapt to a constantly changing working partnership comprised of himself and the Association's voluntary elected leaders. They must cooperate in a way that enables them to get the most from their respective strengths and weaknesses.

The executive director must be tactful and diplomatic, but he must also stand on principle.

He must be a skilled administrator and provide a real service to the members. He must stay alert and call attention to the problems facing the building material industry. He is the watchdog for the members. This is especially true in governmental matters.

The members of the Virginia Building Material Association generally regard their Association as the most effective weapon in the battle against growing encroachments of big government. They also feel that this is a job that will assume even greater importance in the future.

Upon the retirement of Harris Mitchell in March 1964, the Board of Directors hired as its Executive Director, James F. Duckhardt of Richmond. Mr. Duckhardt brought to the Association fourteen years of experience in the building material industry.

He joined Mrs. Lucille Keller, who has served the Association diligently for over twenty years. With Mrs. Keller's experience and knowledge of the Association, and Mr. Duckhardt's enthusiasm and dedication to his work, the Virginia Building Material Association has taken great strides in assuming a

role of leadership among the trade associations of Virginia.

"There is only one drawback to this kind of work," said Jim Duckhardt, smiling, "You have trouble telling your friends exactly what you do for a living." As you can imagine the duties and responsibilities of an association executive are quite varied. The term most commonly used by association executives within the trade to refer to themselves is—Managing Officer. This more correctly labels the position. The facets of managing a trade association are numerous and, as we said before, quite varied.

Since assuming his position in 1964, Mr. Duckhardt has instituted the re-organizational setup as previously described. He has rewritten and updated the Constitution and By-Laws for the Association. In order to project a new image he has redesigned the stationery and all Association publications.

Many new services have been instituted by Mr. Duckhardt for the members including a new and complete insurance program for the members. The Association now offers its members a group hospitalization and life insurance program including major medical coverage and a supplemental medicare plan. In addition the members are eli-

gible to participate in a Workmen's Compensation Insurance Savings program. Also, available to the members is the new balanced retirement and investment program.

Other valuable services provided VBMA members by their Association are: collection service, plan book service, mat advertising service, small business tax tips service, business form purchasing service, just to name a few.

These services save the dealers money and put dollars in their pockets. The small dealers are able to participate in programs and activities normally prohibitive to them, because of the group participation and buying power of the Association.

In addition to providing the many money saving services, the Association staff of Mr. Duckhardt and Mrs. Keller must perform the necessary administrative duties to enable the Association to function smoothly and properly.

Mrs. Keller, who serves as Office Manager does all the bookkeeping, secretarial and general office work.

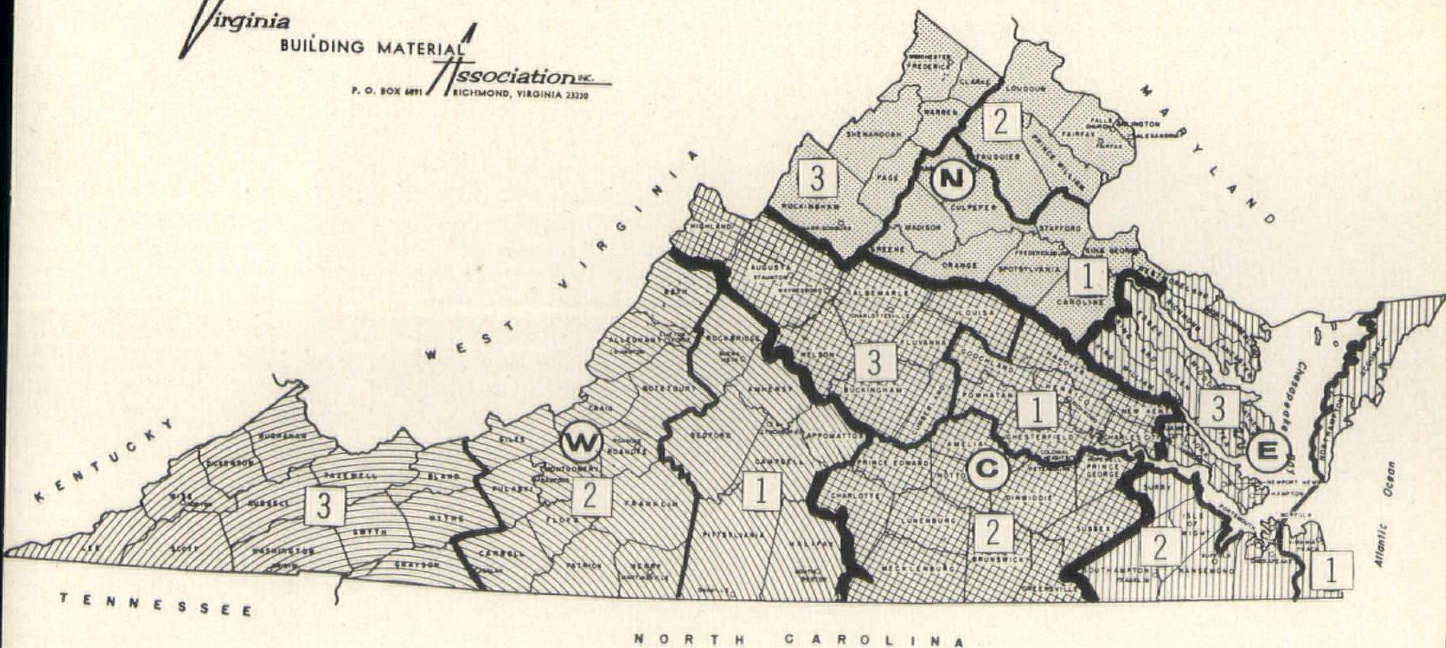
The billing and collection of dues constitute one of her major functions. In addition to keeping all of the books and dealer records, she prepares the quarterly financial report to the board



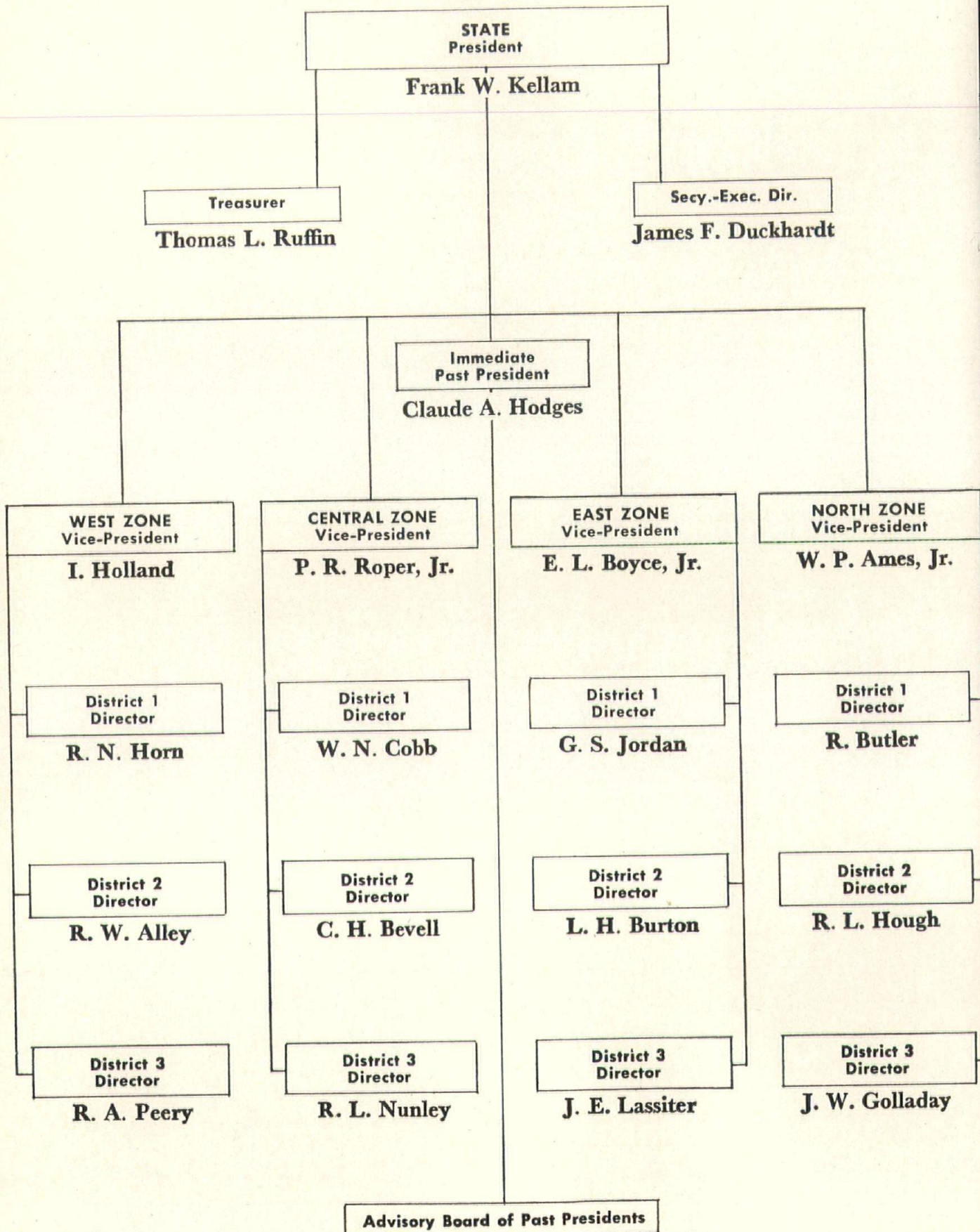
ORGANIZATIONAL MAP



W - Zones
1 - Districts



ORGANIZATIONAL CHART
For the
VIRGINIA BUILDING MATERIAL ASSOCIATION



VMBA

OFFICERS AND DIRECTORS



MR. RUFFIN



MR. KELLAM



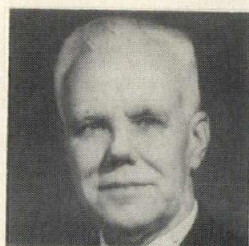
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MR.
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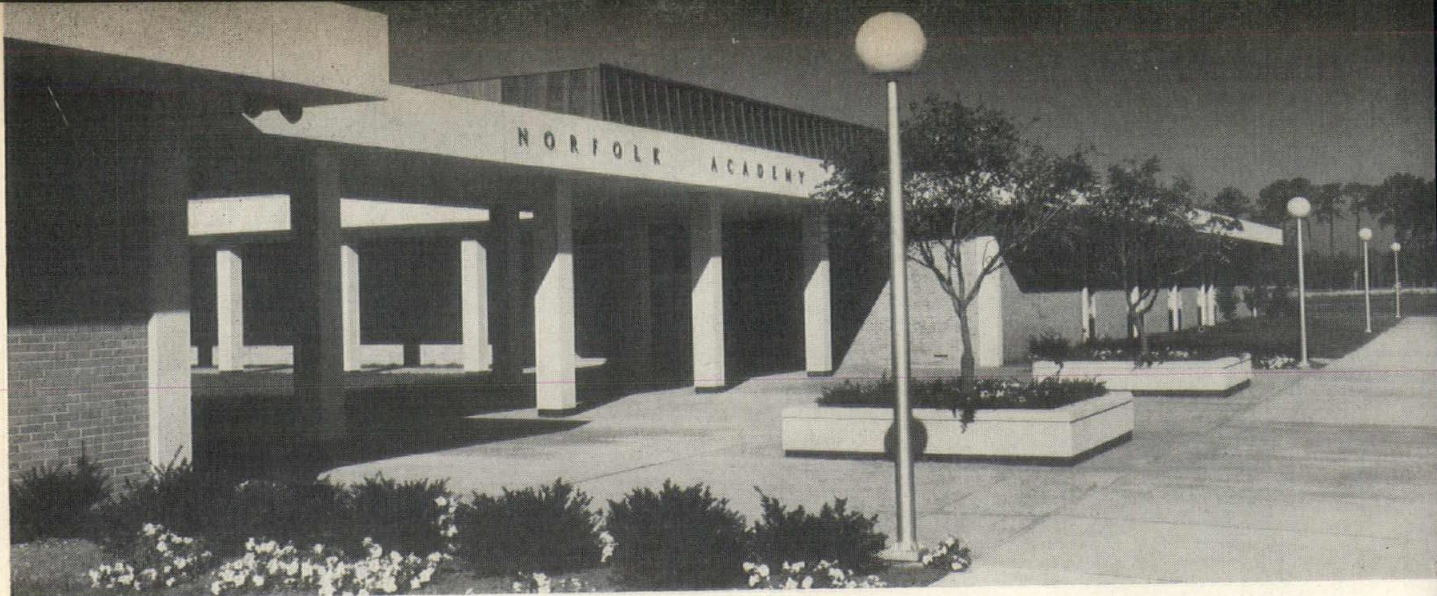
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(Continued on page 51)



PRIZEWINNING SCHOOL IN NORFOLK

DESIGNED BY WILLIAMS & TAZEWELL & ASSOCIATES, AIA

FRAIOLI-BLUM-YESSELMAN
Structural Consultants

VANSANT & GUSLER
Consulting Engineers

ENGELHARDT, ENGELHARDT & LEGGETT
Educational Consultants

WILLIAMS & TAZEWELL, Design Department
Interiors

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

FOUNDED IN 1728, The Norfolk Academy is Virginia's oldest secondary independent school and one of the oldest educational institutions in the nation. The earliest site for the Norfolk Academy was the southeast side of Church Street in downtown Norfolk. During its first half century the school changed locations, was burned by the British under Lord Dunmore during the Revolution, and was rebuilt. When La Rochefoucauld-Liancourt visited Norfolk from France in 1796, he found the

school flourishing. "There is a very good school for boys there," he reported, "the tuition being forty dollars a year for each pupil." The Norfolk Academy has been in operation since its establishment with the exception of interruptions during the Revolutionary War, the yellow fever epidemic of 1855, the Civil War, and World Wars I and II.

In 1963 the governing body of the Academy agreed to merge with a neighboring country day school for girls but postponed the actual physical merger of

the two schools until a suitable site could be obtained and adequate buildings erected thereon for the operation of a coordinate school.

A site of 56-acres on the southeast corner of the intersection of Route 13 and Federal Interstate 64 was acquired from the City of Norfolk for a campus. The site was formerly an agricultural acreage with areas of soil instability. The complex of buildings was arranged to avoid this instability and to make



maximum use of the site to provide adequate playing fields for recreational activities.

The school facilities have been designed to provide instruction for boys and girls in unmixed classes in grades 7-12. Separate schools for boys and girls have been provided with coordinate facilities such as administration, dining, science laboratories, the library and gymnasium being housed in separate buildings serving both boys and girls. The entire campus plan is connected with covered walks bringing together the various buildings and components. A comprehensive college preparatory curriculum including courses in music, art and dramatics is the primary academic emphasis at the Norfolk Academy. Special importance is placed on the languages. Latin, German, Russian, Spanish and French are all available in the curriculum. Classical Greek is also offered as a noncredit course.

To perpetuate the heritage of this school for outstanding scholastic achievement and to expand the facilities for education to meet the challenge of today's needs was the goal in the planning and design of the new facilities. Classrooms have been kept small with adjacent and convenient offices and conference areas for teacher-student contact.

The center of the campus complex is occupied by the Library with its glass walls expanding its command. On axis with the Library and in the center of the complex is the amphitheatre for outdoor study and dramatic presentations.

The construction is basically masonry wall bearing with steel joists and metal deck. The brick walls are accentuated by the precast stone fascias of the buildings and covered walks. Natural left slate has been used in panels above and beneath windows and elsewhere beneath glazed window walls. The three principal buildings, the Coordinate Facilities Building, the Library, and the gymnasium have their elevated ceilings expressed by copper-clad roof forms.

The mechanical system for the buildings provide for year-round comfort heating and cooling by means of a dual duct high velocity arrangement.

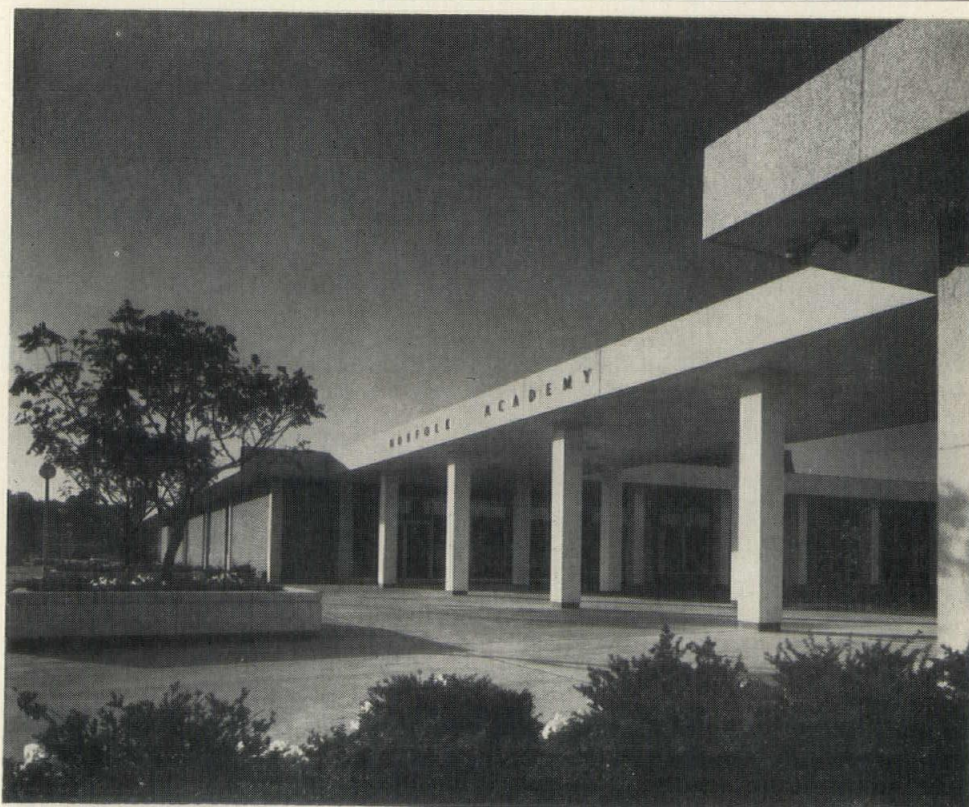
This project was awarded the Virginia State Chapter Award by The American Institute of Architects for excellence in creative work at the fall meeting of the Chapter in Charlottesville in November, 1966. The project has been accepted by the American Association of School Administrators for showing in the 1967 School Building Architectural Exhibit at Atlantic City in February.



SUBCONTRACTORS AND SUPPLIERS:

W. B. Meredith, II, Inc., Norfolk, was the general contractor. Other Norfolk firms were: American Sheet Metal Corp., roofing and sheet metal; Baker & Company, heating and air conditioning; W. B. Middleton, Inc., plumbing; Grover L. White, Inc., ceramic tile; E. C. Ernst, Inc., electrical; A. C. Gordon & Co., lathe and plaster; O'Ferrall, Inc., acoustical; John H. Hampshire, Inc., resilient tile; R. F. Trant Distributing Corp., glass and glazing; Snow, Jr. & King, Inc., masonry; Tidewater Steel Co., Inc., structural steel; Overmyer & Ennis, Inc., marble and slate; Door Engineering Corp., doors and frames; Metpar Co., toilet partitions; Hall-Hodges Co., Inc., reinforcing steel, steel roof deck; Laurence Trant & Co., louvers; J. T. Womack & Co., sewer system; Engineering Steel Equipment Co., coat hooks; Roof Engineering Corp., concrete roof deck; Warner Moore & Co., Inc., architectural metal; American Steel Equipment Co., Inc., chalk and tack boards; Lewis & Sale Co., flag pole, and Stafford & Gammon, Inc., seeding.

Other firms were: Burgess Brothers, Portsmouth, painting; Ceramic Tile of Florida, Inc., Virginia Beach, terrazzo; Burton Lumber Corp., Chesapeake, millwork; Flowers School Equipment Co., Inc., Richmond, curtains; R. L. Dresser, Inc., Raleigh, N. C., gym floors; Plihbico Sales & Service Co., Richmond, incinerator; Guille Steel, Virginia Beach, joists, and Fyr-Fyter Co., fire extinguishers.



COLUMBIA PIKE OFFICE BUILDING



WARD AND HALL, AIA-ARCHITECTS

■ The site for the Columbia Pike Office Building consisted of 3.8 acres of land bounded by Columbia Pike and Carlyn Springs Road in Fairfax County. Existing grades were level parallel to Columbia Pike but sloped fifty-feet in five-hundred-feet along Carlyn Springs Road. The site plan solution provided for a ten-story office building 80 by 240 feet with two elevator

cores accessible from covered, drive-through, unloading areas on separate floors. An accessory parking structure which accommodates 350 automobiles was oriented so that all five levels can be entered directly from the street elevation, eliminating the need for interior ramps.

Exterior columns, balcony slabs, fascia, retaining walls and light-fixture posts are poured-in-place white con-

crete. The curtain wall consists of fixed bronze-tinted glass and glass spandrel with bronze anodized-aluminum mullions. Interior finishes include terrazzo on both entrance-lobby levels, vinyl wall covering at all elevator-lobbies and vinyl asbestos flooring with demountable dry-wall partitions at rental suite. The cost of the office building, which includes five high-speed elevators, was under \$15.00 per square foot.

**KENDRICK AND
REDINGER**
Mechanical & Electrical
Consultants

DUNCAN C. GRAY
Structural Consultant

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

Subcontractors & Suppliers

VAGMAN CONSTRUCTION CO., INC.,
Rockville, Md.

General contractor, excavating, carpentry,
vinyl plastic wall finish, painting

McKINNEY DRILLING CO., Alexandria
Caissons

KIRK LINDSEY, INC., Arlington
Concrete

ANTHONY IZZO CO., INC.,
Washington, D. C.
Masonry

ADAMS FABRICATED STEEL CORP.,
Washington, D. C.
Miscellaneous steel

BETHLEHEM STEEL CORP.,
Washington, D. C.
Steel

HOCKEY BROTHERS, INC., Winchester
Pre-stressed concrete

H. T. HARRISON & SONS, INC.,
Rockville, Md.
Roofing

KAWNEER CO., Niles, Michigan
Windows (curtain wall supplier)

**HERON TODD STEEL
CONSTRUCTION CO., INC.,** Arlington
Window walls

SOUTHERN PLATE GLASS CO.,
Washington, D. C.
Glazing

PETER GORDON CO., INC.,
Washington, D. C.
Waterproofing

**BILTON INSULATION & SUPPLY,
INC.,** Arlington
Insulation

JOHN H. HAMPSHIRE, INC.,
Bladensburg, Md.
Acoustical and resilient tile

NATIONAL PLASTERING, INC.,
Washington, D. C.
Plaster

PETER BRATTI ASSOCIATES, INC.,
Arlington
Ceramic tile, terrazzo

FIREDOOR CORP. of AMERICA,
Bronx, N. Y.
Steel doors & bucks

RAINBOW ALUMINUM INDUSTRIES,
Miami, Fla.
Handrails

WALTER TRULAND CORP., Arlington
Lighting fixtures

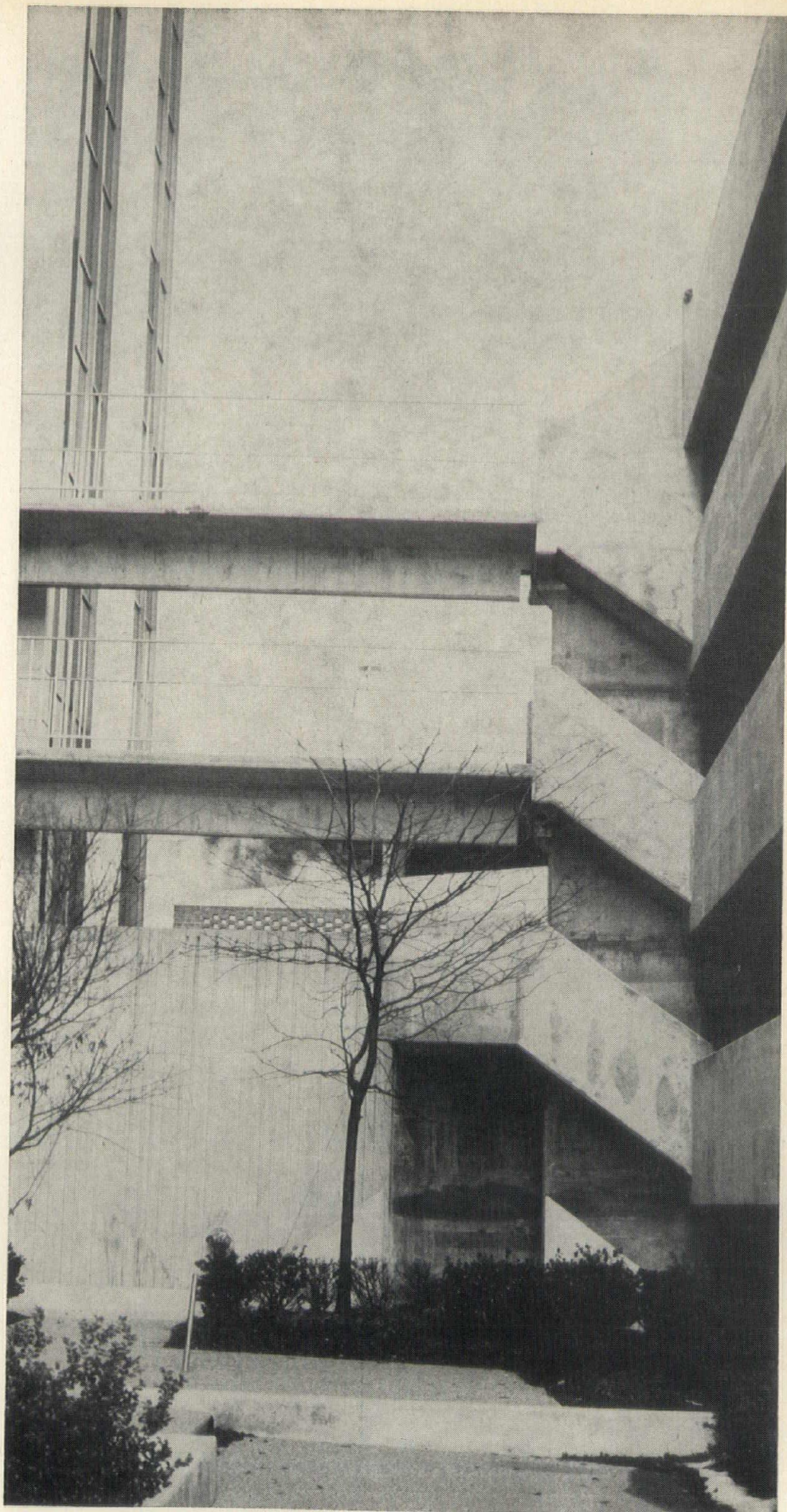
DIXIE JANITOR SUPPLY CO., INC.,
Washington, D. C.
Plumbing fixture supplier

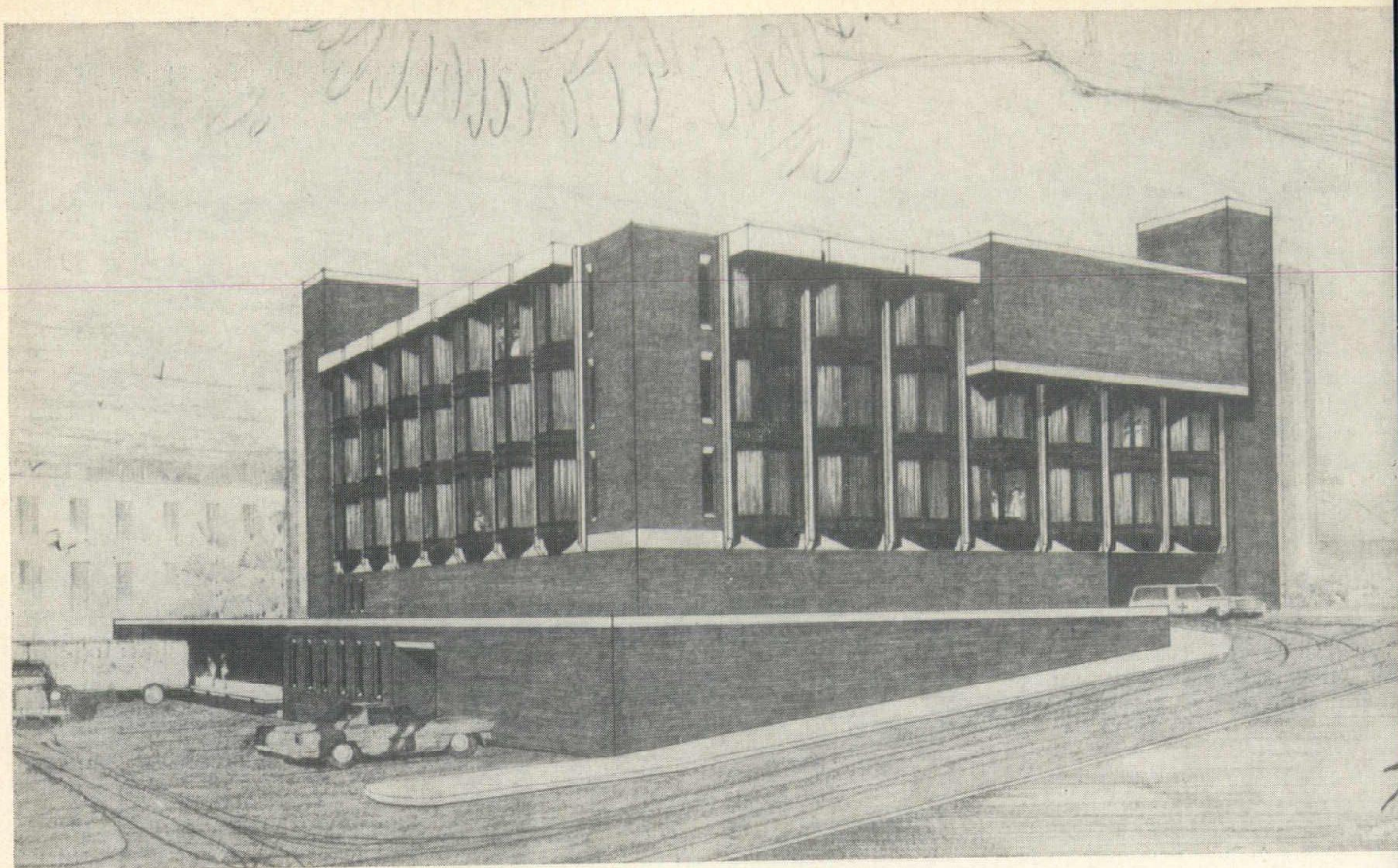
WARNER COMMERCIAL CORP.,
Arlington
Plumbing, air conditioning, heating, ventilating

WESTINGHOUSE ELECTRIC CORP.,
Washington, D. C.
Elevator

B. KENDALL CO., Washington, D. C.
Hardware

**J. H. BURTON & SONS NURSERY,
INC.,** Hyattsville, Md.
Landscaping, planting & sodding





NATIONAL ORTHOPAEDIC AND REHABILITATION HOSPITAL

THOMAS ALBERT KAMSTRA, AIA
Architect

SAMUEL J. CAULFIELD, P.E.
Civil Engineer

FORTUNE ENGINEERING ASSOCIATES
Structural Engineers

M. C. LARSON, P.E.
Mechanical Engineer

WHYTE CONSTRUCTION CO., INC. — General Contractor

"To furnish Rehabilitation Facilities and Services to disabled individuals who require such help, regardless of Race or Creed," is the purpose and dedication of a unique hospital located in Arlington, where, under one roof, are located the professional skills, the equipment, and the personalized individual therapy required to achieve the physical and spiritual healing called "Rehabilitation."

On donated land, the first unit of the hospital was completed in 1948 as a joint project of the Junior Chamber of Commerce, the Northern Virginia Builders' Association, and the Plumbing and Heating Contractors' Association. A larger addition housing expanded Hospital and Rehabilitation facilities was completed in 1958 with labor largely donated by the Washington Construction Trades Council, and funds

obtained from the Public Health Service's Hill-Burton Program, the Ford Foundation, the Mellon Foundation, Arlington County, and many individual donations.

In 1965, a new program was developing and the Architect, Board of Trustees, and the Administrator were instrumental in presenting this to the Public Health Service, and receiving a large Hill-Burton grant to complete this dedicated facility's requirements. Specifically the problem in the Hospital plan was two major additions to the original small two-story building with a primary lack of organization or unification in the buildings or plans, in the rush to provide the required medical facilities now constantly in demand. The major architectural problem was to plan and design a new third addition successfully coordinated with an

effort to reorganize the existing into cohesive whole.

The existing plan was "Y" shaped and the solution became "L" shaped closing the "Y" and creating a new interior court. This afforded a circular pattern of movement around the court which gave good departmental division and an improved department circulation. Proceeding with this working plan for the major part of the project solutions readily emerged for correcting all the circulation and the general organization of the existing building within the new and old areas.

The design solution evolved primarily from the requirements of the existing plan and a fenestration treatment which is both unique and justifiable for this type of institution. Because of the lack of general storage area the architect

worked with their client on this consideration by extending the ground floor beyond the main building-face serving to increase the storage area and create a strong visual base for the four stories above. In the patient rooms of the new addition, which constituted an increase of 52 beds, the bay window design afforded maximum daylighting, allowing a more cheerful rehabilitative environment. Unlike patients in the general hospital, the rehabilitating patient generally requires an environment much less subdued than that of the general hospital. The bay window design not only afforded more daylight, three views, and allowed the incorporation of mechanical equipment into the window and room design in an unobtrusive manner, but also eliminated two dead corners, which are difficult to maintain and use in the normal rectilinear hospital room design.

The materials chosen for the addition are conventional and economical, yet are presented in a manner that expresses both defined masses as well as refined details. Brick is the dominant material with painted steel, in the fenestration, and the cast stone serving as contrasting trim. This combination was meant to complement the extensive use of brick, cast stone, and painted steel, on the existing buildings.

Other planning elements providing interesting design features were two new high-speed elevators, the landscaped interior court, the new operating suite, and a newly renovated lobby. The new elevators (one for maintenance and food services, and the other for rapid vertical patient movement) will alleviate the existing heavy demand on two old, slow-speed elevators,

SUBCONTRACTORS & SUPPLIERS

Whyte Construction Co., Inc., Arlington, general contractor, foundations, concrete & carpentry; Franklin A. Hume Excavating Co., Inc., Spencerville, Md., excavating; Donald Blue, Vienna, masonry; Arlington Iron Works, Inc., Arlington, steel, steel roof deck & handrails; Bethlehem Steel Corp., Washington, D. C., reinforcing steel; Anning-Johnson Co., Alexandria, roof deck; Rose Bros. Co., Arlington, roofing; American Cast Stone Co., Inc., Newington, stone work; Hope's Windows, Inc., Silver Spring, Md., windows; Allen Glass Co., Alexandria, glazing; Shield Painting Co., Inc., Alexandria, painting; Wayne Insulation Co., Inc., Alexandria, insulation; Southern Floors & Acoustics, Inc., Merrifield, resilient tile & acoustical; Dodd Brothers, Inc., Vienna, plaster; Boatman and Magnani, Inc., Washington, D. C., ceramic tile & terrazzo; Virginia Millwork Corp., Arlington, millwork; Roanoke Engineering Sales Co., Inc., Arlington, steel doors & bucks; M. C. Dean, Fairfax, electrical work; Artisan, Inc., Vienna, plumbing, air conditioning & heating; Haughton Elevator Co., Washington, D. C., elevator; J. B. Kendall Co., Washington, D. C., hardware; Perrin and Martin, Inc., Arlington, weatherdeck; Newton Asphalt Co., Inc., Alexandria, paving; Custom Shade & Awning Corp., Alexandria, drapery & cubicle curtains & tracks; Genco X-ray Shielding Products Co., Kearny, N. J., lead shielding.

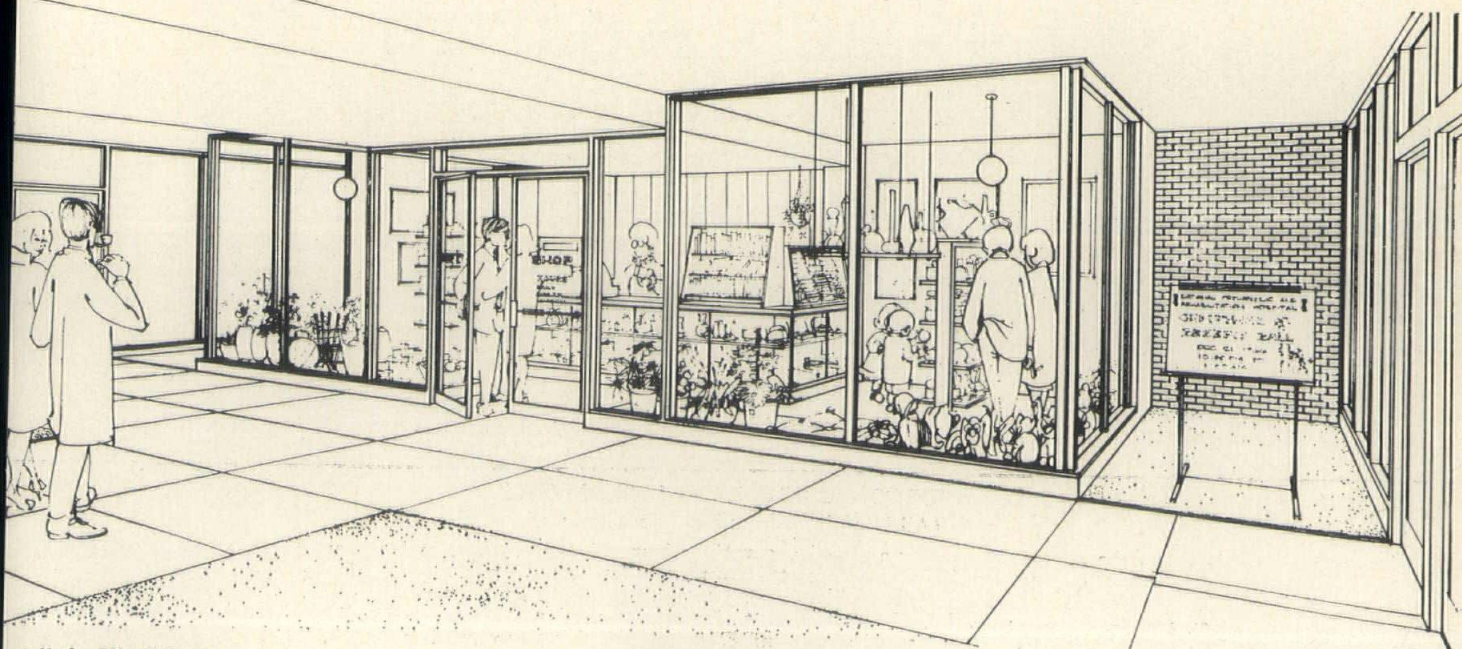
which will be used now only for public and personnel movement. Their rising penthouse towers and the cantilevered fourth floor operating suite provide good contrasts between the horizontal and vertical massing. The interior court, which serves as a roof over a large ground floor conference room, became a necessary, as well as, an opportune design element. The four-story space which is open to the sky allows the patient-rooms and offices on those walls

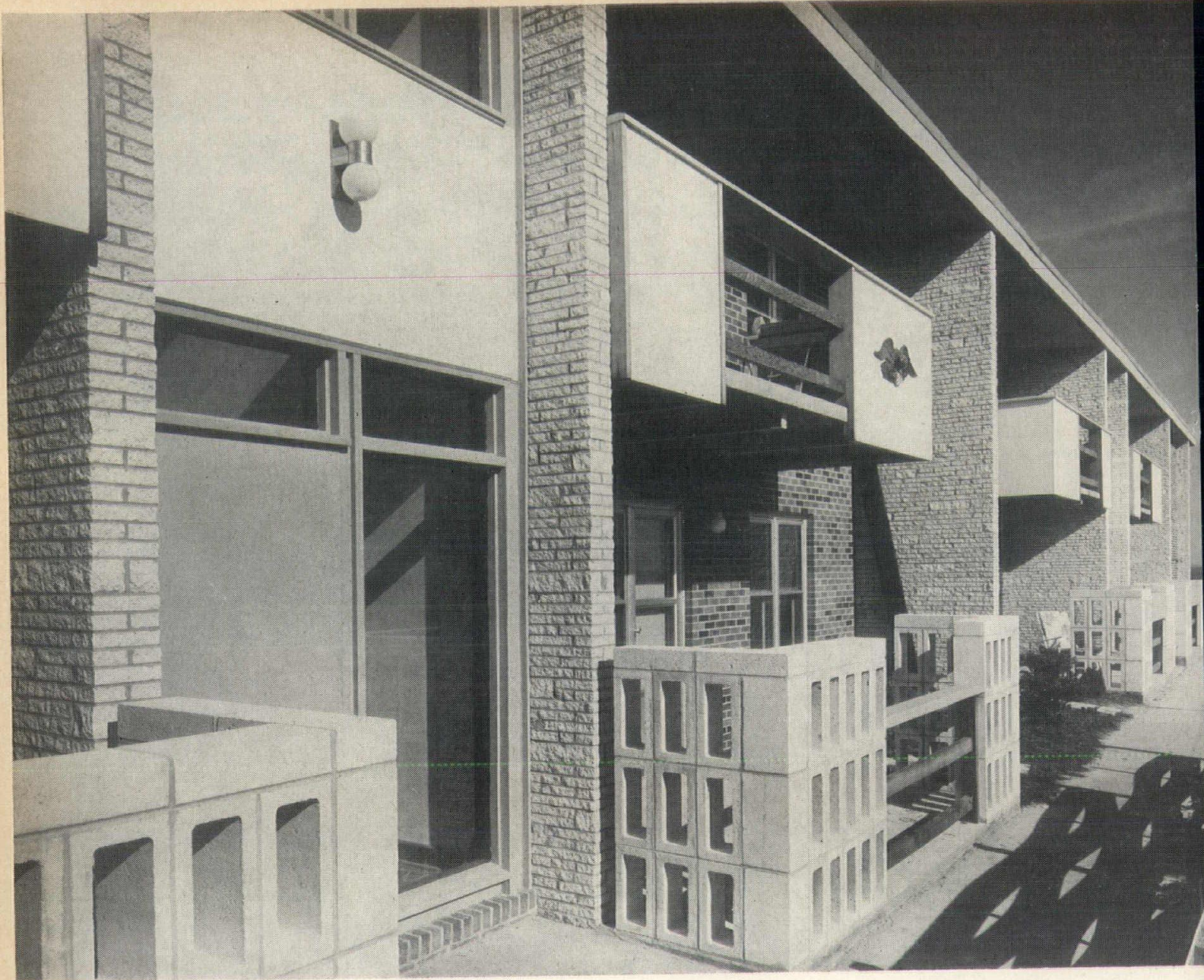
to receive ample daylighting and affords a landscaped area off the first-floor snack bar for hospital personnel, patient and public use. Special features of the new operating suite will be: advanced clean-up, sterilizing, and preparation rooms which will allow continuous operation, as well as a new efficient emergency capacity. The new entrance lobby on the first floor of the existing building will offer spacious waiting areas, a new gift shop, and a weather protective entrance-canopy over new automatic entrance doors.

The hospital also has provided an innovation into its operational scheme with a special food catering service provided by the Marriott Hot Shoppes Services. Their collaborative efforts with the new enlarged hospital-kitchen will offer a streamlined meal service which transports the hot food on specially designed, heated containers, from the ground floor preparation center, up the high-speed elevator provided for this purpose, and directly to the patient's bedside. This advancement eliminates the old patient-floor warming-kitchen which has long been a costly element in hospital patient-floor planning.

The site will undergo rather extensive redesign and reappportionment to complement the reorganized architecture. Four major entrances to the site have been provided in the designated areas of main visitor-parking, employee-parking, service entrance, and emergency entrance. Minimum coverage of the site for a maximum of green space was also the goal of this area of design.

The foundations, steel, and bar joist frame construction is under way at present with the building scheduled for completion early in 1968.





Toler Beach Apartments

LASZLO ARANYI, AIA — ARCHITECT

GEORGE C. L. JENSEN — General Contractor

THIS APARTMENT BUILDING was designed to fit on a long, narrow site fronting on Chesapeake Bay in the Ocean View section of Norfolk.

Despite the 50-feet by 300-feet site measurements, each of the 10 units has its own balcony or patio. There are eight two-bedroom units and two one-

bedroom units in the building.

The construction is conventional wood framing with brick veneer. The projecting walls are of white split block. These walls provide privacy for the individual balconies or patios.

The building has its own private beach and outside shower facility. All

the units are individually heated and air-conditioned with a heat-pump air system. The interior walls are plaster except for some walls in the living room which are paneled.

There is a spacious entry hall for every four apartments with storage and laundry rooms.

SUBCONTRACTORS AND SUPPLIERS

(All Norfolk firms unless otherwise noted)

George C. L. Jensen was the general contractor and did excavating, foundations, concrete, and carpentry. Other firms were: B. W. Edwards, masonry; Norfolk Iron & Wire Works, Inc. steel; Fett Roofing & Sheet Metal, Inc., roofing; Walker & Laberge Co., Inc., windows and glazing; Bristow Floors, Inc., ceramic tile, resilient tile; Jimmy Ornamental Iron, handrails; Charles Fleear, plumbing; Towne Distributors, appliances, and G. A. Baily Marine Construction Co., bulkheading. Also, Clifton C. Hand, Chesapeake, plaster; Smith & Keene Electric Service, Inc., Virginia Beach, electrical work, and Climatmakers, Inc., also Virginia Beach, air conditioning and heating.

ARTISAN, INC.

St. Reg. #7820



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Vienna, Virginia

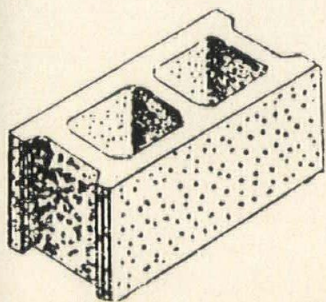
NICK ULISSE

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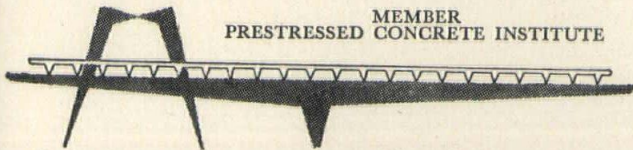


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NORFOLK, VIRGINIA



A SHORT TIME AGO THIS WAS A HOLE IN THE GROUND!

Tomorrow it may be the site of a residential development, an industrial park, a picnic or playground area. West Sand and Gravel, like its counterparts throughout the country, are turning previously unusable land into sites attractive for many purposes.

While there may be some inconvenience to the immediate area while sand and gravel are being mined, the return to the community in valuable taxable property and property that may provide additional jobs, we believe, offsets the temporary inconvenience.



WEST SAND AND GRAVEL CO., INC.

RICHMOND, VIRGINIA





NORFOLK OFFICE BUILDING

• J. W. Creech one of the most successful contractors in Norfolk, decided to build a building for himself after having built so many for other people.

Besides J. W. Creech there is only one other tenant: Joe D. Glenn, Jr., who is a structural engineer and he did the consulting work on this building.

There are 3,000 square feet of office space plus 1,500 square feet for storage and workshop behind the building.

The building is constructed with steel joists on masonry bearing walls. The prominent fascia above the windows is stucco. All the windows are glazed with grey glass.

Each office suite has its own heating, air-conditioning and toilet facilities. •

PAGE TWENTY-FOUR

LASZLO ARANYI, AIA
Architect

•

JOE D. GLENN, JR.
Structural Consultant

•

E. H. BOWMAN, JR.
Electrical Consultant

•

JOSEPH W. CREECH
General Contractor

FEBRUARY 1967

SUBCONTRACTORS & SUPPLIERS

Joseph W. Creech, Norfolk, general contractor; excavating, foundations, concrete & carpentry; Ames & Webb, Inc., Norfolk, paving; Kramer Masonry Co., Norfolk, masonry; Chesapeake Steel, Inc., Norfolk, steel & steel roof deck; Eastern Roofing Corp., Norfolk, roofing; Brown & Grist, Inc., Newport News, windows; Grier S. Johnson, Inc., Virginia Beach, site work; Walker & Laberge Co., Inc., Norfolk, glazing; E. Caligari & Son, Inc., Norfolk, painting; Hampton Roads Plastering Co., Inc., Norfolk, acoustical & plaster; Ceramic Tile of Florida, Inc., Virginia Beach, ceramic tile; Jayen Tile Corp., Norfolk, resilient tile; Door Engineering Corp., Norfolk, steel doors & bucks; W. L. Smith, Jr., Norfolk, electrical work; W. B. Jones, Norfolk, plumbing; Bodner & Manuel, Inc., Norfolk, air conditioning & heating; Champion Fence, Inc., Norfolk, fence; Seaboard Paint & Supply Co., Inc., Norfolk, hardware; Winn Nursery, Norfolk, landscaping.

VIRGINIA RECORD

ideally combined *

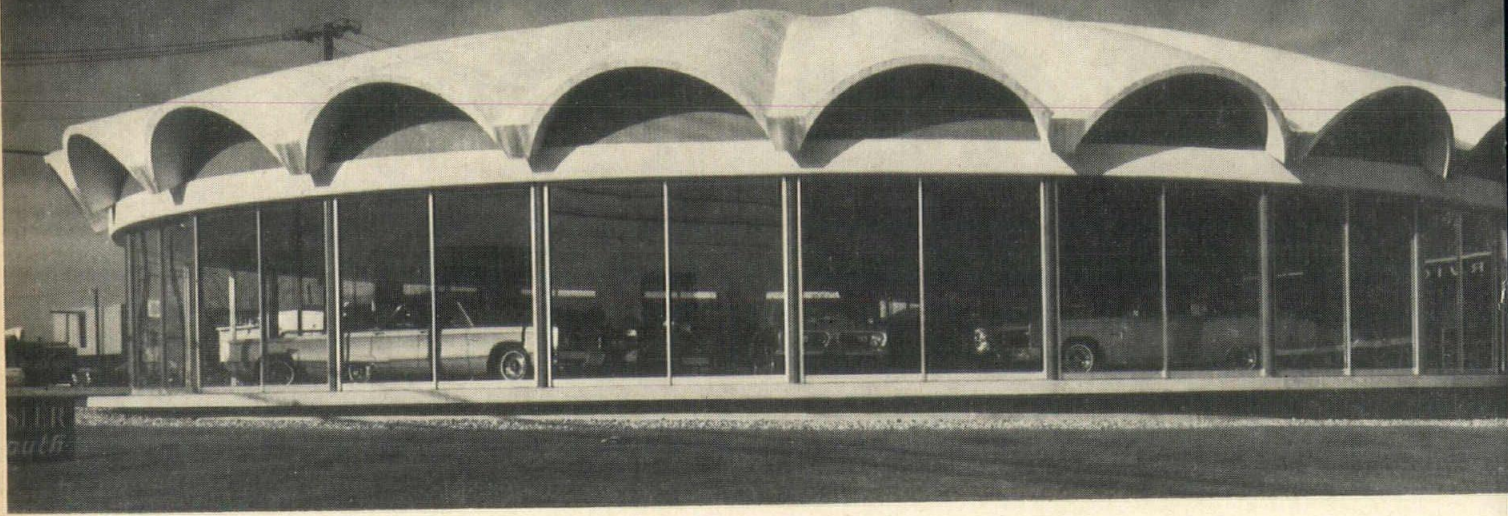


TSC * TEXTURE-SHAPE-COLOR / KEY INGREDIENTS OF ATTRACTIVE
BORDEN BRICK PLUS A LOT OF ADDED SERVICE

Borden
BRICK AND TILE CO.

GOLDSBORO DURHAM SANFORD

Lawrence Chrysler-Plymouth



E. TUCKER CARLTON — Architect

LAWRENCE REALTY CORPORATION
General Contractor

THE STRIKING new Lawrence Chrysler-Plymouth agency building in Richmond has been completed and is now in use. Its ribbed arch-roof over the main display room has become a landmark in the far west end of Richmond.

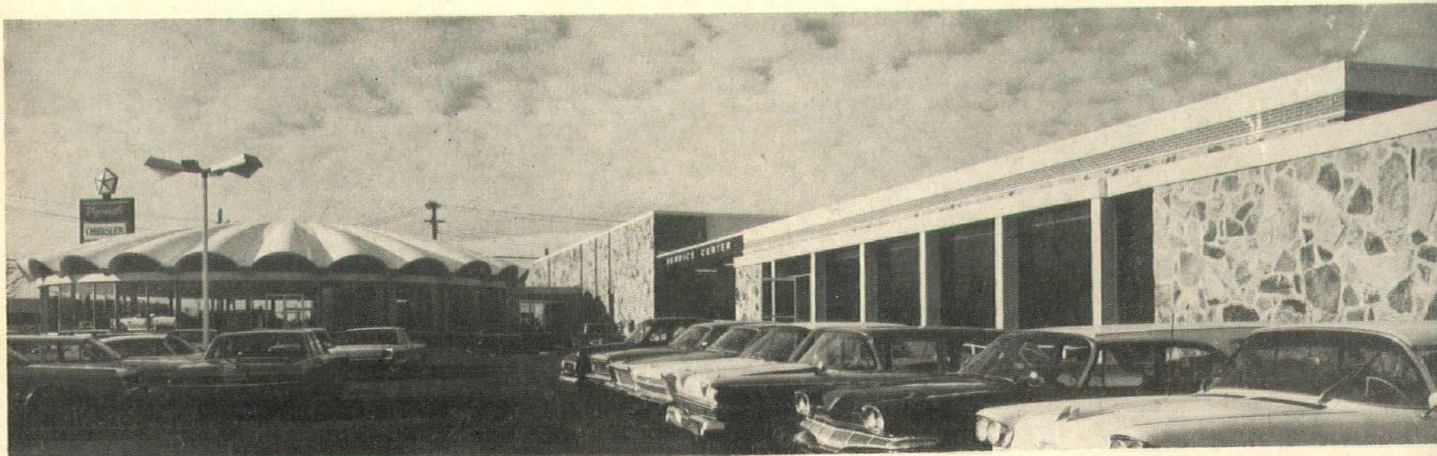
The prime location of the new complex, at Staples Mill Road and West Broad Street, in the center of the West Richmond retail complex, offers maximum advantages for auto sales. As the architect stated in an article on this building published in the February, 1966 issue of the Virginia Architect Section of VIRGINIA RECORD Mag-

azine, "the design approach was premiated upon the idea that while the showroom should provide the proper setting for the display of automobiles, it should also present a facade that would become automatically known as the Lawrence Chrysler-Plymouth Agency . . ."

Three structures have been built at the site. The showroom is a circular structure, ninety feet in diameter, which draws the immediate attention of the vehicular passers-by. With its arched and ribbed dome-roof, the showroom is the focal point of the design. The glazed closure panels are fitted

between the steel columns supporting the dome with a blue-colored mosaic carried down to the ground to tie the roof to the base.

The administrative and parts-sale area, a two-story element, is located directly behind the showrooms and is connected with a customer lounge area. This area is of sufficient width to provide ramped access for movement of vehicles to-and-from the showroom. Administrative offices and a general conference room are located on the first-floor level with general and service-parts sales assigned to the rear portion, adjacent to parking facilities.



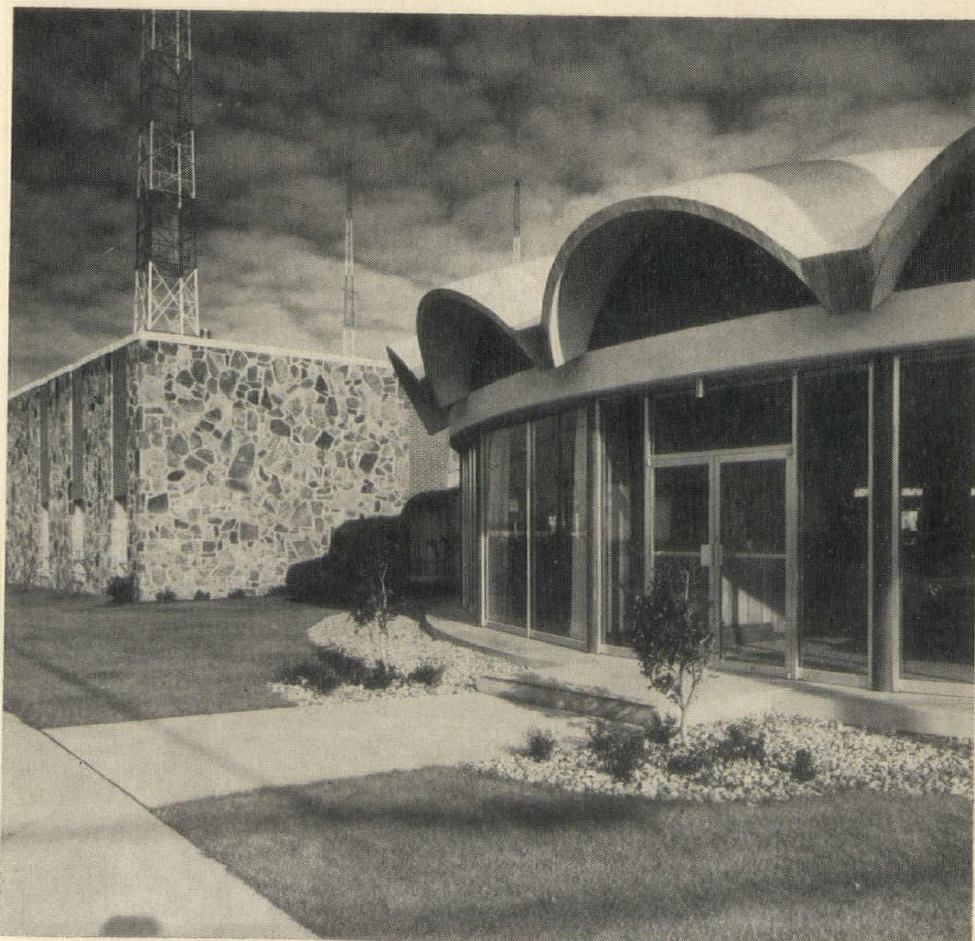
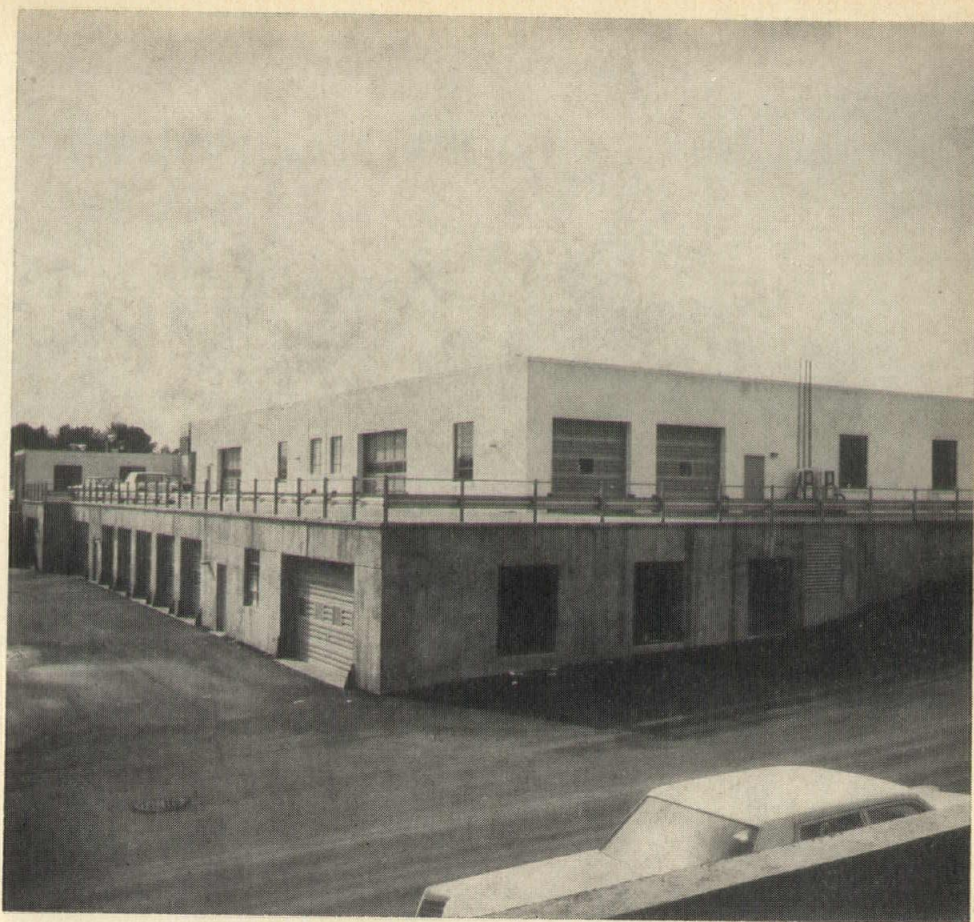
With the exception of the mechanical equipment space, the entire second floor is given over to storage facilities for parts and equipment.

Following the natural grade of the steeply sloped lot, a covered service esplanade connects the administration and service buildings. Service entrance is available from both Broad Street and Staples Mill Road. The service building encloses twenty-eight service stalls on the main level, with protected access from the interior. A complete five-stall body shop, frame machine facility, and complete paint shop, designed to accommodate at least eight vehicles in

SUBCONTRACTORS AND SUPPLIERS

F. G. Pruitt, Inc., excavating; Carter Lumber Co., Inc. and Ashland Lumber Co., Inc., mill-work suppliers; Southern Brick Contractors, Inc., masonry and stone; Economy Cast Stone Company, cast stone; Richmond Steel Co., Inc., structural steel, miscellaneous metal; Bethlehem Steel Corporation, reinforcing steel; The Staley Co., Inc., metal windows; Safway Steel Products, scaffolds; Mid-State Tile Company, Lexington, N. C., tile manufacturer; Concrete Pipe & Products Company, Inc., pipe; General Tile & Marble Company, ceramic tile and terrazzo; John R. Houck, Jr. (Vulcraft representative), steel joists; Whitley, Inc., roofing; Manson & Utley, Inc., acoustic ceiling, resilient flooring; Moore-Williams Crane Service, Inc., crane service; C. & T. Mechanical Corporation, plumbing, heating, air conditioning and ventilating; Advance Electric Company, electrical contractor; Modern Decorating, Inc., painting; Ace Tile & Floor Coverings, Inc., tile and floor covering; Lowe's of Richmond, Inc., plywood products; F. Richard Wilton, Jr., Inc., plastering; Lawrence Hardware Company, hardware; Pleasants Hardware, hardware finishings; Binswanger Glass Co., Inc., glass and glazing; Ornamental Iron Products, Inc., rails; Laird's Nurseries, landscaping; J. P. Dillard Contractors, paving; Gayle S. Mann, Jr. & Co., Spraycrete; J. S. Archer Company, overhead doors; Auto Paint Supply Company, paint booth; Pump & Tank Co., Inc., car lifts; Morton Marks & Sons, Inc., office furnishings; Dominion Oil Company, Inc., oil and Southern Bank & Trust Company, financing.

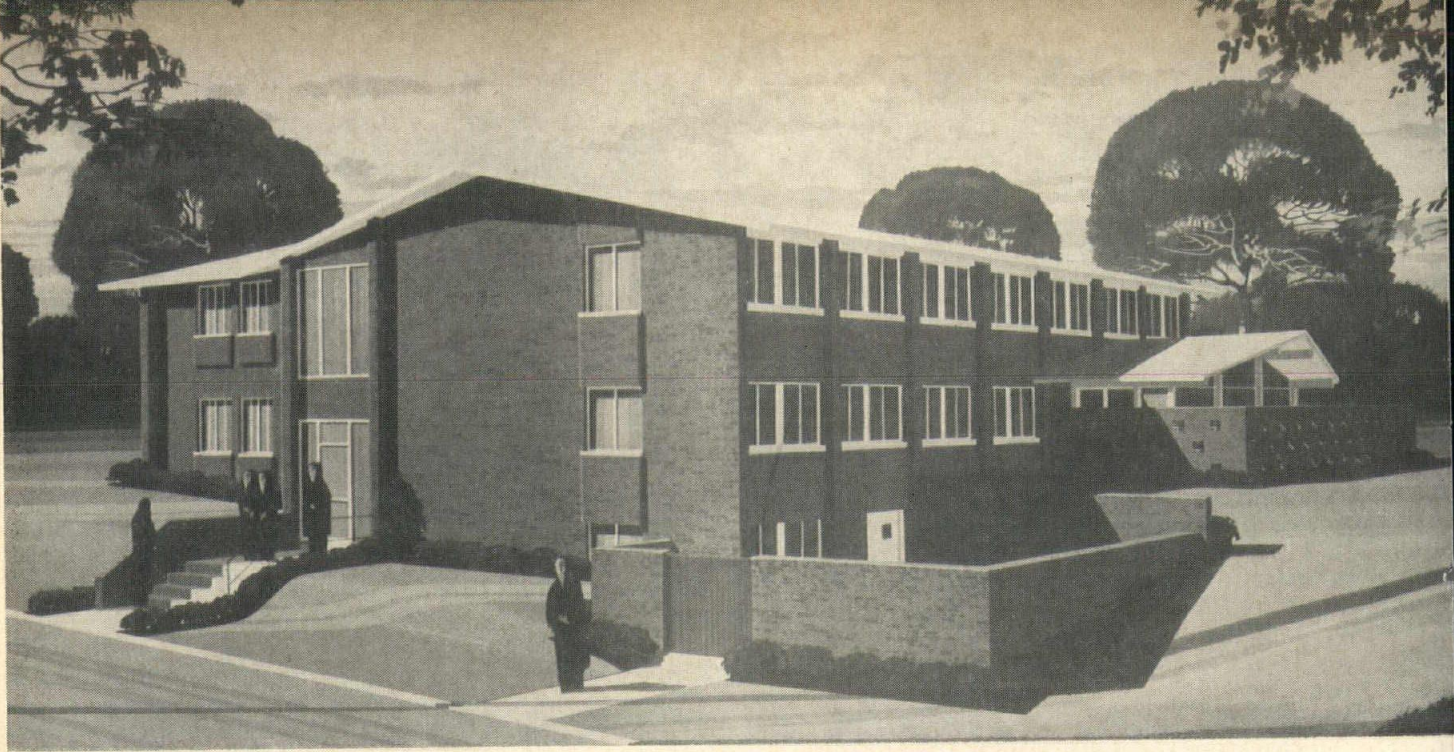
All are Richmond area firms unless otherwise noted.



various stages of restoration, are built into the lower level.

The various street exposures of the building are faced with stone with window spandrels of ceramic-faced material and trim of white cast-stone. The used car sales building is designed as a part of the service structure and similarly finished.

Lighting and other engineering was specifically designed for the building. Flexibility of lighting was built-in to provide for maximum effectiveness. The exterior of the complex is carefully lighted to create maximum interest. ▲



THE CONVENT pictured above is the second phase of the building program of St. Luke's Parish, McLean, and was designed by Sheridan, Behm and Associates, Architects, Arlington. It is situated near a knoll where the future church will be located, on a site void of all trees, and a general site that is quite low. This presented a few problems with the following considerations and solutions.

The convent will tie in with the future church and still be in harmony with the existing school and residences which surround the site and is not institutional in character. Privacy is handled by a pierced garden wall 5'-6" high around a two-thirds covered patio. A drying yard which also serves as a service entrance is adjacent to the parking lot and is hidden behind a masonry wall and built into the sloping grade.

Mr. Sheridan, who has many years of experience in designing Catholic facilities, describes the plan of the convent as follows. It is 2-stories plus a basement; L-shaped, with 4,400 square feet per floor.

The first floor features a chapel which will seat 33 persons and a sacristy with

confessional which is adjacent to the main stair but separate from the Sisters' living quarters. A cloak room and sewing room are also provided. A kitchen with separate store room and pantry serves a 23-foot dining room which has a sliding soji-door entering into the common room (living room). The common room has built-in book cases and 24 feet of sliding glass doors which open to the patio. The patio is surrounded with a 4'-0" planting strip and has stack lights.

The second floor consists of 12 bedrooms, one with a private bath, as well as separate toilet room and bathroom. Each bedroom has a built-in wardrobe unit consisting of a built-in lavatory in a Formica counter and a vinyl wall

covering enclosure with a louver-door base. The closet consists of hanging space with a 6-shelf linen section.

The basement has two parlors just a half-a-flight down from the main entrance. Adjacent to this is a music room. A laundry room with linen storage has outside windows. A 24-foot recreation room and two storage rooms are also provided.

General construction details are as follows: Masonry exterior walls, fiber glass shingles, wood trusses, sheet rock walls and ceilings; acoustic tile ceilings; parquet floors on insulation board; bedroom walls sound-insulated; aluminum sliding windows; gas-fired with air conditioning chilled water and fan coil units; incinerator and laundry chute.

ST. LUKE'S CONVENT

SHERIDAN, BEHM AND ASSOCIATES
Architects

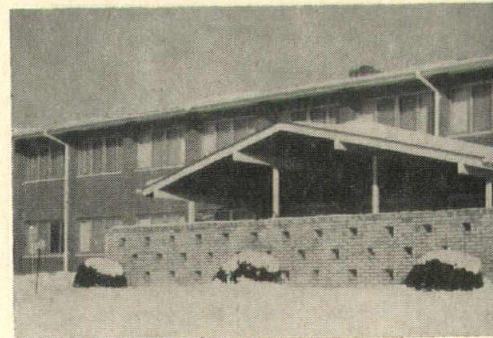
HORATIO ALLISON ASSOCIATES
Structural Engineers

FRANK J. SULLIVAN ASSOCIATES
Consulting Engineers

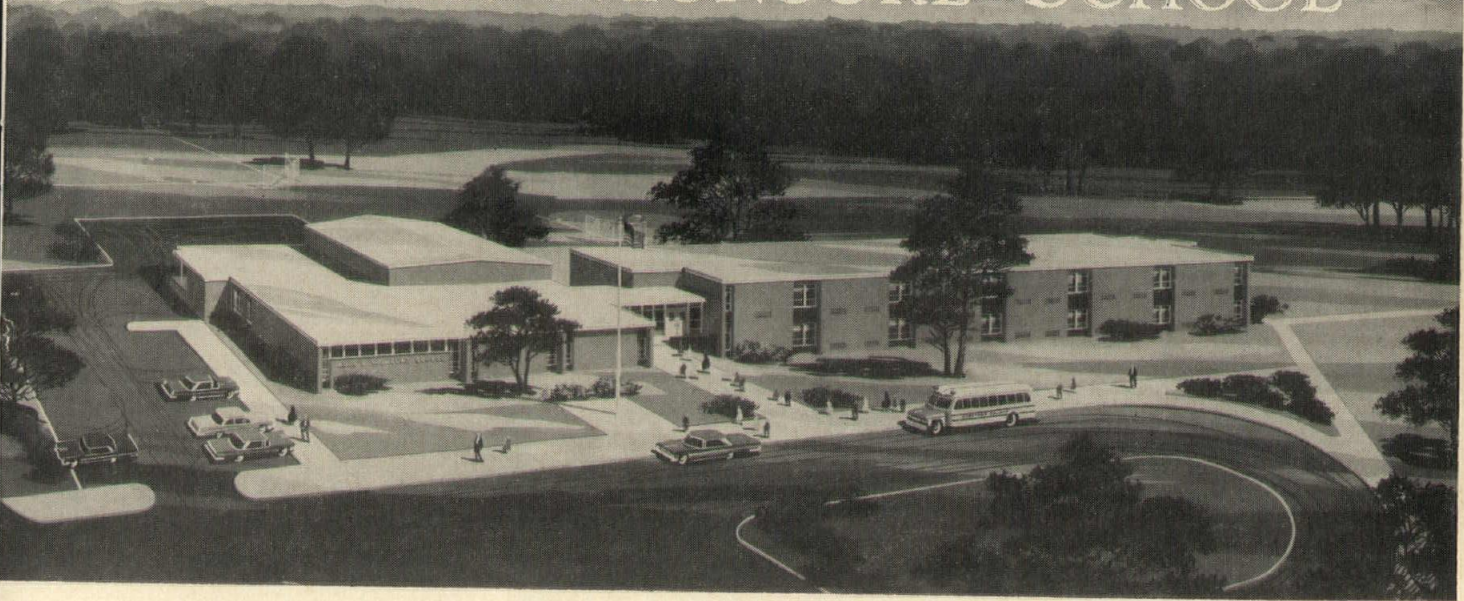
BOWLING & GARDINER, INC. — General Contractor

SUBCONTRACTORS & SUPPLIERS

Bowling & Gardiner, Inc., Bethesda, Md., general contractor; Virginia Concrete Co., Inc., Springfield, concrete; A. Myron Cowell, Inc., Silver Spring, Md., masonry; Adams Fabricated Steel Corp., Washington, D. C., steel; Perrin & Martin, Inc., Arlington, roofing; J. B. Kendall Co., Washington, D. C., windows; American Millwork, Inc., Merrifield, structural wood; Bowling & Gardiner, Inc., Bethesda, Md., carpentry; Hires Turner Glass Co., Alexandria, glazing; Wilmar Contractors, Inc., Vienna, painting; American Millwork, Inc., Merrifield, paneling; Wayne Insulation Co., Inc., Alexandria, insulation; Southern Floors & Acoustics, Inc., Merrifield, acoustical; A. D. A. Plastering Co., Inc., Rockville, Md., plaster; Ward & Wood Ceramic Tile Co., Washington, D. C., ceramic tile; Southern Floors & Acoustics, Inc., Merrifield, resilient tile & wood flooring; American Millwork, Inc., Merrifield, millwork; V. B. Kendall Co., Washington, D. C., steel doors & bucks; Fred S. Gichner Iron Works, Inc., Washington, D. C., handrails; E. Appleton Electric, Inc., Great Falls, lighting fixtures & electrical work; American Standard plumbing fixtures installed by Mechanical Contracting Co., Tuxedo, Md., who did the plumbing, air conditioning, heating & ventilating; Barbee-Curran Elevator Co., Inc., Bethesda, Md., dumbwaiter; Lester's Hardware, Springfield, hardware; toilet partitions by Sanymetal Products Co.



ANNE E. MONCURE SCHOOL



Stafford County's Air-conditioned, Carpeted Pacesetter

WILLIAM PHILLIPS BROWN & ASSOCIATES
Architects & Interior Designers

HIGGS & HIGGS
Structural Engineers

BALBIR S. BRAR & ASSOCIATES
Mechanical & Electrical Engineers

B. CALVIN BURNS, P.E.
Civil Engineer

WAYNE CONSTRUCTION CO., INC.
General Contractor

ON DECEMBER 10, 1966, Dr. Robert F. Williams, Executive Secretary of the Virginia Education Association, told the Stafford County citizens assembled for the Anne E. Moncure Elementary School dedication ceremony that their new plant is one of the most modern school buildings in the Commonwealth of Virginia. This statement was an endorsement that the aims of the Stafford County school administrators had been successfully fulfilled.

Early in 1965, the Stafford County School Board anticipated the largest school building program in the history of the county. The first increment of the program called for four new elementary schools. Because of the large capital outlay involved, the school board directed their architect, Wm. Phillips Brown, AIA, of Alexandria, to provide them with a prototype design

for their new schools that would prove to be the best investment that could be made for the tax dollar. With this assignment, the architect concluded that since the buildings would have a life expectancy of at least fifty years, the structures must be designed against obsolescence to obtain the best investment possible. The buildings must be up-to-date upon their opening and adaptable to the advancement of educational techniques coming in the next 50 years. The school board concurred with this design objective and endorsed the unique features of the design that evolved.

The school that took shape on an 11-acre site caused quite a lot of conversation in the county because of its unusual concept. The structural system of precast, prestressed concrete plank spanning across two-story masonry bear-

ing walls provided the first fireproof school structure in the county, as well as the only structure that afforded minimal atomic fallout protection in the greater Stafford County area. Taking advantage of the smooth flat ceilings of the concrete planks, the normal acoustical tile ceiling was eliminated and carpeted floors introduced the necessary acoustical absorption for no more cost than a tile ceiling and resilient flooring. The two-story classroom wing of 21 classrooms was designed with a split-level connection to the central facilities containing the multi-purpose room, library, clinic and administrative offices. This feature saved several thousands of dollars in grading costs by fitting the building to the gently rolling contours of the site. The students and faculty appreciated the fact

(Continued on page 61)

SUBCONTRACTORS & SUPPLIERS

Wayne Construction Co., Inc., Arlington, general contractor, foundations, masonry, carpentry, waterproofing & wood flooring; A. Z. Tyler & Co., Inc., Stafford, excavating; W. L. Allen Concrete Works, Inc., Falmouth, concrete; Mimsco Steel Corp., Lorton, steel & handrails; Strescon Industries, Silver Spring, Md., pre-stressed concrete; Graham & Van Leer, Washington, D. C., roof deck; Rose Brothers Co., Arlington, roofing & insulation; Metal Construction Co., Kensington, Md., windows; Virginia Plate Glass Co., Falls Church, glazing; Ballard & Associates, Inc., Arlington, painting; Southern Floors & Acoustics, Inc., Merrifield, acoustical; Dodd Brothers, Inc., Vienna, plaster; Standard Tile Co., Staunton, ceramic tile & terrazzo; Nichols Floor Co., Arlington, resilient tile; American Millwork, Inc., Merrifield, millwork; W. M. Schoenfelder & Associates, Inc., Bethesda, Md., steel doors & bucks & folding partitions; M. C. Dean, Fairfax, lighting fixtures & electrical work; E. E. Cousins, McLean, plumbing fixtures, plumbing, air conditioning, heating & ventilating; J. B. Kendall Co., Washington, D. C., hardware; Flowers School Equipment Co., Inc., Richmond, carpet; Powell & Co., Inc., Waynesboro, kitchen equipment.



**BRUNDAGE, COHEN AND
HOLTON, AIA**
Architects

LIEF VALEND AND ASSOCIATES
Consulting Architects
for Thalhimers Interior Only

EDWIN B. SMALL & JOE D. GLENN
Structural Engineers

**E. H. BOWMAN, JR. &
M. J. THOMPSON, III**
Mechanical & Electrical Engineers

GEORGE F. HOGGARD
Civil Engineer

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

Walnut Mall Shopping Center — Petersburg

WALNUT MALL SHOPPING CENTER in Petersburg, is now nearing completion with the last major unit, a 110,000 sq. ft. J. C. Penney Co. Department Store, now under construction and scheduled for opening in the fall of 1967.

The Center, when complete, will have approximately 280,000 sq. ft. of building area and will provide 1,500 parking spaces. A 40-ft. wide enclosed, air-conditioned Mall forms the nucleus of a consolidated shopping area with most of the tenant spaces facing onto this central, all-weather promenade. The Mall features a multi-level ceiling treatment, landscaping, natural day lighting and facilities for special shows and events of community interest as well as providing the utmost in year-around convenience for the shopper.

Tenants have been selected in order to offer the public the widest possible range of merchandise and services. A 51,000 sq. ft., Thalhimers Department Store and a 110,000 sq. ft., 2-story J. C. Penney Co. Department Store occupy dominant positions at ends of the 300-ft.-long central Mall with each having main entrances directly to the parking areas as well as to the Mall. Adjoining the Mall between the two department stores is an additional 70,000 sq. ft. of store area occupied by Rucker Rosenstock Department Store, Wices, Peoples Drug Store, Sandler's Junior Miss Shop, Standard James Family Shoe Store, Thom McAn Shoe Store, Frazier's Mens Wear Store, House of Fabrics Store, American Finance Office, Galeski Photo Studio, Singer Sewing Center, Taylor's College

Shop, Buddy Dale Hat Shop, Morton's Jewelers and a cafeteria providing a complete line of quality merchandise and personal services. Immediately adjoining the Department Store-Mall complex will be an 850-seat Theater, operated by Neighborhood Theaters, Inc., a 16,000 sq. ft. Colonial Supermarket, a 2,000 sq. ft. branch bank office with drive-in teller windows for City Savings Bank and Trust Company and a new 4,000 sq. ft. Post Office.

Buildings throughout are of contemporary design utilizing non-combustible masonry, stone and steel construction and including fire protective automatic sprinkler systems; maintenance-free exterior and interior finishes; sound conditioning materials; year-round air-conditioning and ventilating systems; and many other features in-



tended to create an environment based upon customer safety and comfort.

Thalhimer's Department Store, which opened in the fall of 1966, contains a full line of merchandise and services covering all types of wearing apparel, linens, household goods, cosmetics, millinery, notions, stationery, infants furniture, draperies, etc. and a beauty salon. Special construction features include a "breathing-type" acoustical ceiling for air-conditioning; terrazzo, vinyl and carpeted floors; indirect and recessed lighting; and custom fixturing arranged to provide distinct areas for each department—for each type of merchandise and service—and for various age groups and budgets. This store design incorporates the latest innovations in modern merchandising.

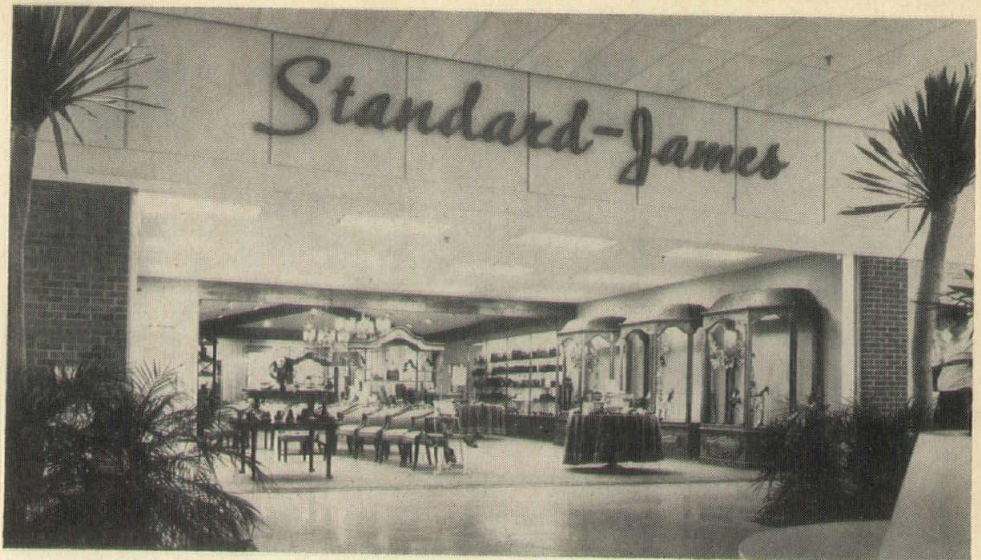
The J. C. Penney Co. Department Store will be equipped with both passenger escalators and elevators in addition to all of the other new features usual to large urban department store construction.

All of the other store buildings utilize the latest construction methods, materials and equipment. In order to maintain a harmonious effect, an overall uniformity in building appearance is maintained by use of similar exterior materials such as brick and limestone, however, each store unit is individually treated through varied uses of materials, varied storefront arrangements, color and signs.

When complete, this project will reflect the newest trends in shopping center planning, will be unique in the accommodations and facilities provided for the customer and will be one of the finest and most up-to-date centers in the South.

The parking areas are laid out to facilitate ease of parking and circulation. Every possible measure, such as

(Continued on page 63)



Most of the tenant spaces, such as the one pictured above, face onto the central, all-weather promenade. Shown below is a close-up of a fountain, one of the many attractive features of the Mall.



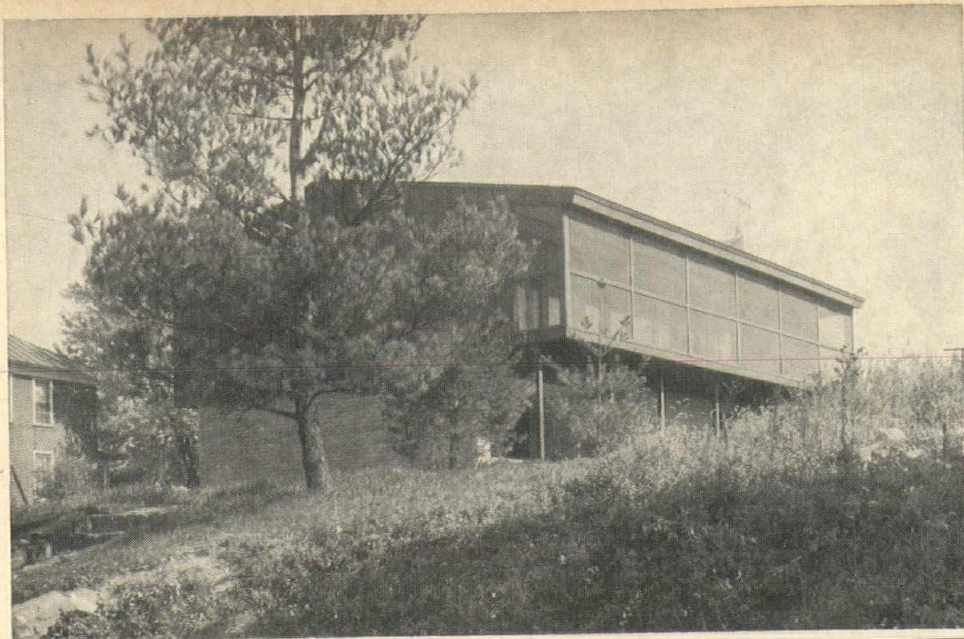
SUBCONTRACTORS AND SUPPLIERS

John W. Daniel & Co., Inc., Danville, was the general contractor, and also did excavating, piling, foundations, concrete, carpentry, paneling, waterproofing, weatherstripping, steel grating, millwork, steel doors and bucks, handrails, hardware and other work.

Other Virginia firms were: Wilson & Nye Masonry Contractors, Inc., Hopewell, masonry; Whitley, Inc., Richmond, roofing; G. M. Clements Co., Petersburg, painting; W. Morton Northen & Co., Inc., Richmond, insulation, acoustical, resilient tile; Emerson Parham, Danville, plaster; Martin Tile & Marble Co., Inc., Richmond, marble, terrazzo and ceramic tile; Virginia Contracting Co., Bedford, lighting fixtures, electrical work; Wallace A. Redford, Contractor, Colonial Heights, plumbing, air conditioning, heating and ventilating with C. & T. Mechanical Corp., Richmond, and Virginia Contracting Co., Bedford.

Other firms were: Carolina Steel Corp., Greensboro, N. C., steel, which was also provided by Montague-Betts Co., Inc., Lynchburg, and Republic Steel Corp., Youngstown, Ohio. Alden Steel Products Co., Inc., Greensboro, N. C., steel floor forming and bar joists, hollow metal doors and frames and metal toilet partitions. J. A. Deatherage Stone Co., Inc., Greensboro, N. C., together with the general contractor did the stone work; Pritchard Paint & Glass Co., Durham, N. C., did the storefront windows and glazing.

Haughton Elevator Co. provided the escalators and Dover Elevator Co., the elevators. The illuminated decorative fountain was done by Kim Manufacturing Co., Los Angeles, Calif.



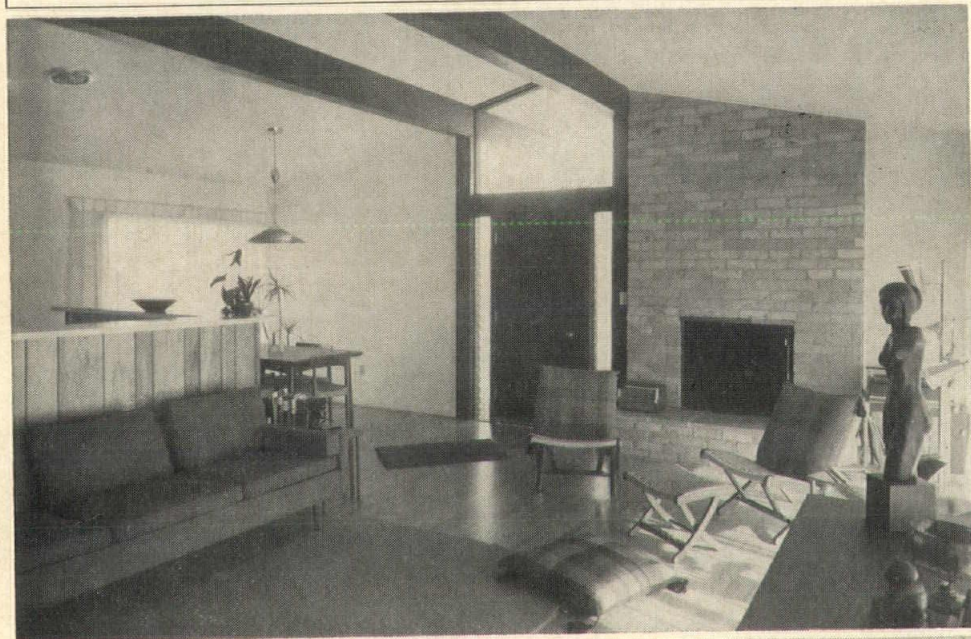
▲ This small house was designed for a young couple. It is located on a city lot in an older section overlooking downtown Waynesboro. The owners who both work and have no children wanted a contemporary townhouse with minimum maintenance problems.

Since the site slopes steeply, the entrance is on the high end with the lower end left open for a carport. The high end of the site is being developed into a private garden and sitting area. A deck extends from this end and wraps around the longer side overlooking the city, this portion being screened. The wall is completely glass with two sliding glass doors. Ventilation is achieved en-

CLOUTIER RESIDENCE-WAYNESBORO

G. LEWIS CRAIG—Architect

• T. O. RAMSEY, JR.—General Contractor



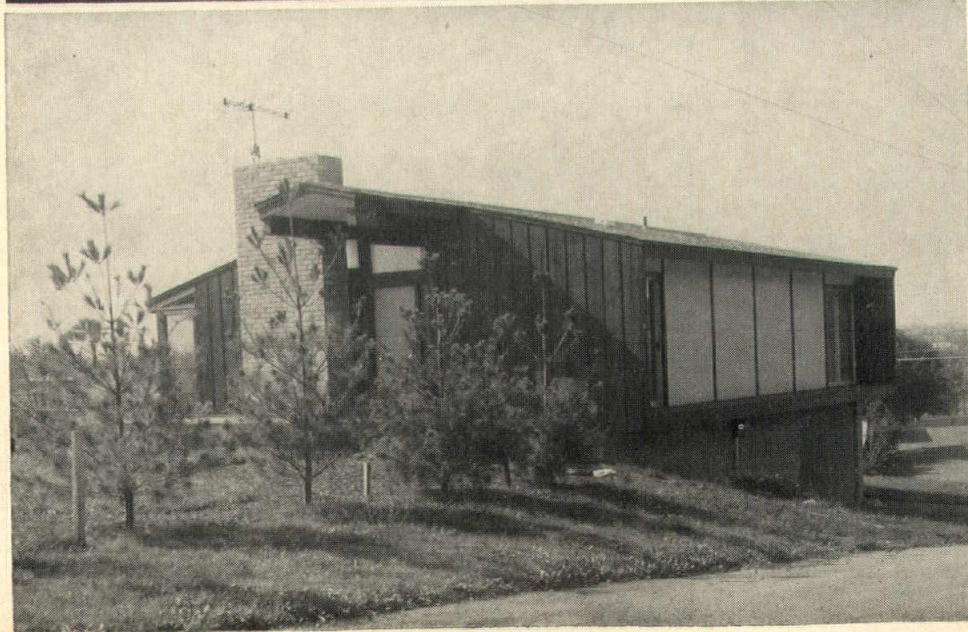
tirely from these and another pair of sliding glass doors on the opposite side of the house.

Except for the enclosed master bedroom and the bath, the floor plan is a series of open areas. The kitchen, dining room and the study-bedroom are all extension spaces off the living room. A solid wall blocks noise and provides privacy from the more heavily-traveled street.

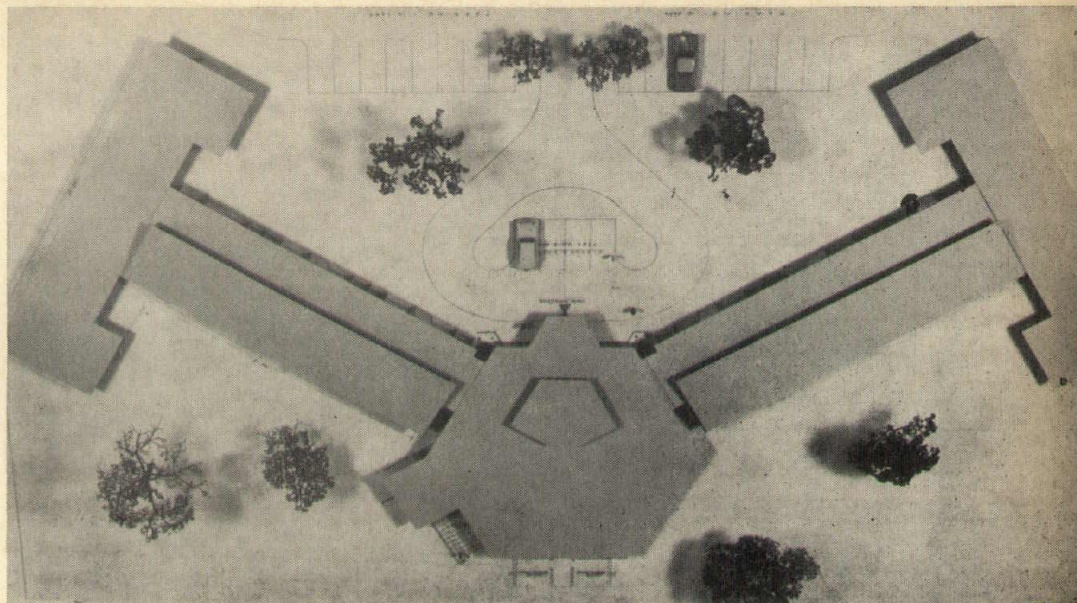
The structure is post-and-beam construction with two large exposed beams running the length of the building. A circular steel stair provides access to the storage room in the basement area. Owners can enter the house from the carport by means of this stairway to avoid inclement weather.

The exterior is textured cedar plywood with brick foundation. The wood deck is repeated on the street side, forming a narrow deck for aesthetic effect. This also provides an easy means for washing glass doors on this side. Roof is asphalt shingles. All details were kept simple so that the builder had little difficulty executing the design.

T. O. Ramsey, Jr. of Fishersville, was the general contractor who also performed all carpentry work. Other subcontractors and suppliers were: plumbing, heating and electrical, Draft Electric & Plumbing Service, Stuart Draft; millwork, Fultz Lumber Company, Staunton; painting, Carter Painting Company, Stuarts Draft and landscaping, Waynesboro Landscape Service & Garden Center, Waynesboro. ▲



HEXAGON- SHAPED NURSING HOME IN DUBLIN



ROBERT L. MILLS, AIA — Architect

A HEXAGON-SHAPED central facility with two wings of forty-beds each radiating from it is the first stage of Mediald of America, Inc. Nursing Home.

Provisions have been made for the addition of one more wing of forty-beds in the future.

The hexagon-shaped center facility will contain a large entrance lobby with a high ceiling and indirect lighting. Other facilities in the hexagon will include offices, conference rooms, nurses' lounge, dining and kitchen facilities and storage.

Each wing of forty beds will contain core of facilities related to the patient.

These will include nursing station, treatment room, utility room, bathrooms, linen storage, medication room, and a large day-room.

There will be two private rooms in each wing with the remainder being double rooms.

Each room will have individual heating and cooling units beneath the windows. Lavatories will be provided in each room with toilets between each pair of rooms.

The interior walls will be lightweight block, with brick on the exterior. Seamless flooring over a concrete slab on grade will provide a durable and easy-maintenance floor. Acoustical tile will

be used for the finished ceiling. The roof will be built-up of white marble chips.

The site is located on the highest point in Dublin and will have a 360° view of the surrounding mountains.

Exterior landscaping and open green space will help to make the patients feel like it is their home and help to give the facility a residential character.

Parking will be provided for approximately 70 cars.

The first phase of construction, which is hoped to begin in the Spring will contain approximately 23,000 square feet of floor space.

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WEIGHT INSULATING ROOF
AND WALL SLABS

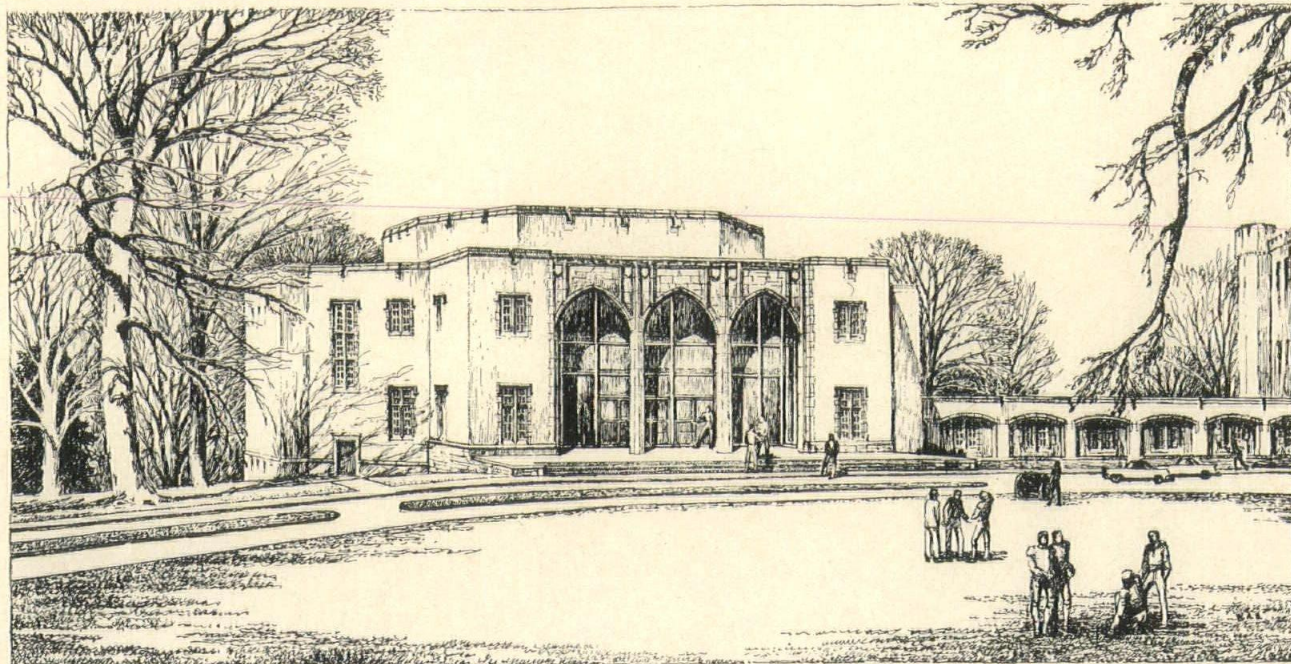
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ARCHITECTURAL TERRA COTTA

FLAMINGO MASONRY CEMENT
FOR COLORED MORTAR

MASONRY CLEANER

LEJEUNE HALL - VIRGINIA MILITARY INSTITUTE



CLARK, NEXSEN AND OWEN — ARCHITECTS

WILEY AND WILSON—Consulting Engineers
Electrical & Mechanical

WILLIAM T. ST. CLAIR
Structural Engineer

W. A. STAPLES
Interior Designer

ENGLISH CONSTRUCTION CO., INC.
General Contractor

OVERLOOKING the parade grounds and located adjacent to the existing Barracks of the Virginia Military Institute in Lexington, stands the recently completed Lejeune Hall, named in memory of General Lejeune a famed soldier and graduate of VMI.

Planned to house all conceivable recreational facilities, the Corps Building as it is technically called is a four-story structure, hexagonal in shape and finished in stucco and cast-stone trim that harmonizes with the basic Military Gothic architecture of the Institute.

The main entrance features stone columns and arches and a recessed two-story tinted-glass facade behind which can be seen the convex-face and railing of an upper lounge which is reached by a curved stairway from the entrance lobby. Direct access from the barracks is afforded the cadets by a two-level connecting concourse.

The basement level contains four bowling alleys, limited storage space, toilets and a larger mechanical room with access to a service drive in the rear.

The ground floor is devoted almost exclusively to recreation facilities such as billiards, ping-pong and other games, four music-listening rooms, a large T.V. lounge and several unassigned areas to be used as future needs may dictate.

The main loading dock is located at this level and leads directly to the snack bar storage area and the service elevator. A small service stair leads to the snack bar on the floor above.

The first floor (or parade ground level) consists principally of a large cadet lounging area with a cafeteria-style snack bar and a large open terrace to the rear. In addition, this floor contains offices, cadet activity rooms, ade-

quate toilet facilities and a large formal entrance lounge.

The second floor contains a large all-purpose room for dances, lectures, banquets, etc. A serving pantry, lounges, storage room and toilets are all adjacent to this room and an unfinished space in the rear has been roughed-in for future quarters for distinguished guests.

Vertical circulation is by means of three well separated exit stairways. An open curved stairway connects the first and second floor lounges at the front of the building.

Floor finishes are basically resilient tile with ceramic tile in wet areas and some carpet and terrazzo in public spaces. Walls are plastered in most areas with the all-purpose room having a vinyl finish. Ceilings are acoustical tile and plaster.

The entire facility is air-conditioned.

SUBCONTRACTORS & SUPPLIERS

English Construction Co., Inc., Altavista, general contractor; Montague-Betts Co., Inc., Lynchburg, steel; Consumers Company of Lynchburg, Inc., Lynchburg, roofing; Pittsburgh Plate Glass Co., Roanoke, glass & glazing, aluminum work; J. W. Hundley, Roanoke, painting & vinyl wall fabric; W. Morton Northern & Company, Inc., Richmond, acoustical; Joe Rainero Tile Company, Inc., Bristol, ceramic tile; W. Morton Northern & Co., Inc., Richmond, resilient tile; Joe Rainero Tile Co., Inc., Bristol, terrazzo, flagstone; Taylor Brothers, Inc., Lynchburg, millwork; Welton Company, Richmond, steel doors & bucks; A. L. Horwitz Co., Roanoke, rolling steel doors; Shenandoah Electric Co., Lexington, electrical work; Hungerford, Inc., Richmond, plumbing, heating & ventilating; Skyline Hardware Co., Roanoke, hardware; The Bonitz Insulation Co., Greensboro, N. C., walk-in refrigerator; Dominion Elevator Co., Inc., Salem, elevator; Inland Steel Products Co., Baltimore, Maryland, roof deck.



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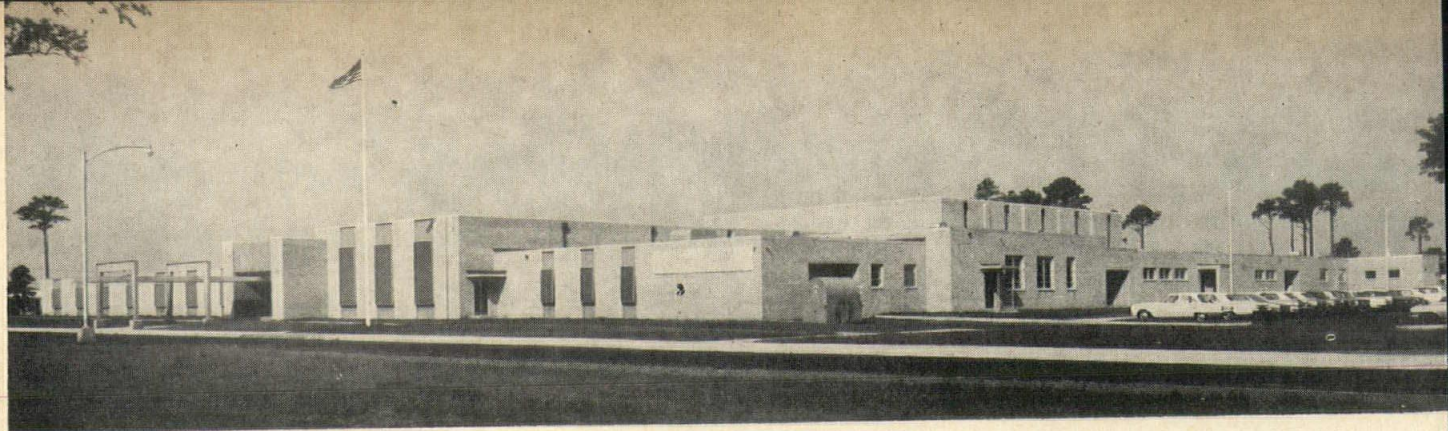
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WILLIAM E. WATERS JUNIOR HIGH SCHOOL—PORTSMOUTH

PENTECOST, WADE & McLELLON, Architects & Engineers

ROBERT R. MARQUIS, INC., General Contractor

THE WILLIAM E. WATERS Junior High School serves a large residential community in the southwestern section of the city. It is one of two air-conditioned Junior High Schools opened by the city during 1966, and is designed to serve an initial enrollment of 1,000 pupils.

The building is a one-story structure and is configured in the modern compact plan. It is a compromise between the conventional type of school, which has many exterior windows in all class-

Consulting Engineers:

VANSANT & GUSLER
Mechanical & Electrical

FRAIOLI-BLUM-YESSELMAN
Structural

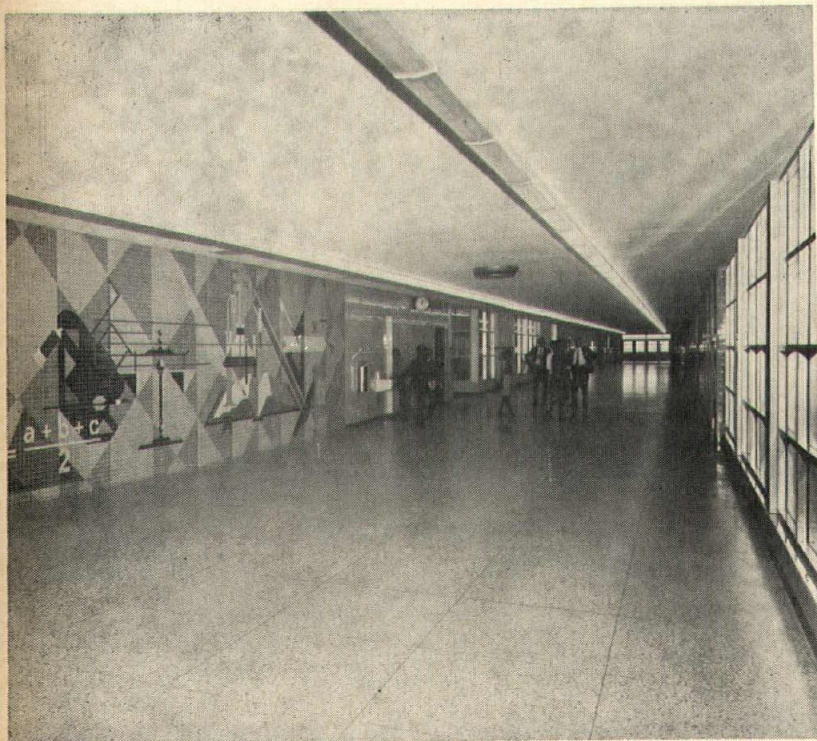
HASSELL & FOLKES
Site Work

rooms, and the fully windowless type. All of the exterior classrooms have a reduced number of windows, and all interior classrooms have high windows between the classroom and the corridor, thus preventing any feeling of being confined.

The building perimeter forms an almost perfect square in planform. The bulk of the classrooms are located on one side of the building, with the library and administration suite. A very spacious corridor divides this side of

SUB-CONTRACTORS AND SUPPLIERS

The general contractor, Robert R. Marquis, Inc., also did the foundations, concrete work and carpentry. Others were: George T. McLean Co., Inc., excavating; W. T. Stowe, Inc., masonry; Barnum-Bruns Iron Works, Inc., steel; Truscon Steel, steel roof deck; J. B. Eurell Company (Richmond), roof deck; American Sheet Metal Corporation, roofing; Economy Cast Stone Company (Richmond), stone work; Southern Metal Products, Inc., windows; Walker & Laberge Co., Inc., glazing; J. H. Steen & Sons, Inc., painting; Belanger & Son (Lodi, N. J.), waterproofing; Hampton Roads Plastering Co., Inc., plastering; Joshua Swain & Company, Inc., ceramic tile and terrazzo; Powell-McClellan Lumber Co., Inc., millwork; Hall-Hodges Co., Inc., steel doors & bucks; Virginia-Carolina Electrical Works, Inc., electrical, plumbing, air conditioning, heating and ventilating work, plumbing fixtures; Seaboard Paint & Supply Co., Inc., hardware. All firms are from Portsmouth and Norfolk unless otherwise shown.



the building from the more noisy side, in which are located the cafeteria, music suite, gymnasium, shops and mechanical equipment space. This large central corridor serves as a main highway for pupil circulation and very effectively eliminates congestion as it absorbs the flow from the side corridors, while at the same time it adds to the feeling of openness and spaciousness which has been designed into the building. Generous use has been made of large areas of glass walls to enhance this effect.

A large mural of mosaic tile extending from floor to ceiling covers the side wall of the main corridor just inside the front entrance. It is so located that it is directly opposite a large glass wall between the cafeteria and the corridor, creating a very nice point of interest when viewed from the cafeteria. The mural is a composite of symbols representing the different subjects taught and the tools of learning, and is very colorful and interesting.

The administration suite is located in the very center of the building, facilitating access to and from the different areas of the school. Supervision of the building is thereby made easier. The library is located just behind the administration suite and is thus made easily available to all students.

The building finishes are all selected so as to provide for minimum maintenance. Terrazzo floors are used throughout most of the building. These smooth, easily-cleanable surfaces will provide lasting beauty and will result in a look of newness after years of use. The cleanliness will be further enhanced by the fact that an electrostatic precipitator will filter the air in the central conditioning system, thus removing dust particles.

A central station air-conditioning unit serves the entire classroom side of the building through a dual-duct high-velocity system, with individual temperature control provided for each space by pneumatically-controlled mixing boxes. The cafeteria, gymnasium and shops each have individual unit ventilators for heating and cooling. The music department has a multi-zone unit. One chiller in the mechanical room is the source of all cooling. ◀

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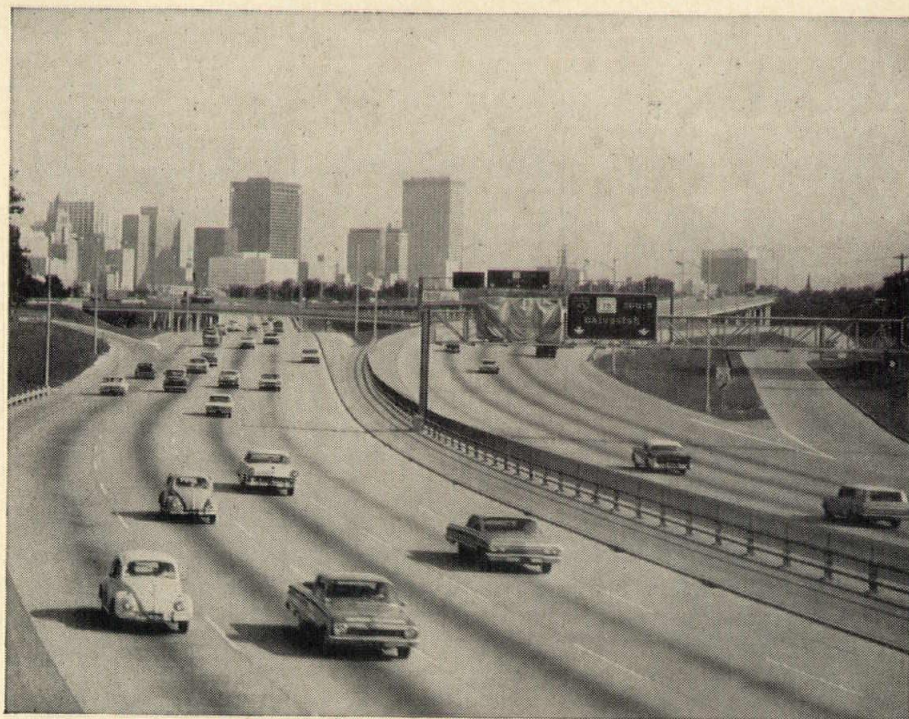
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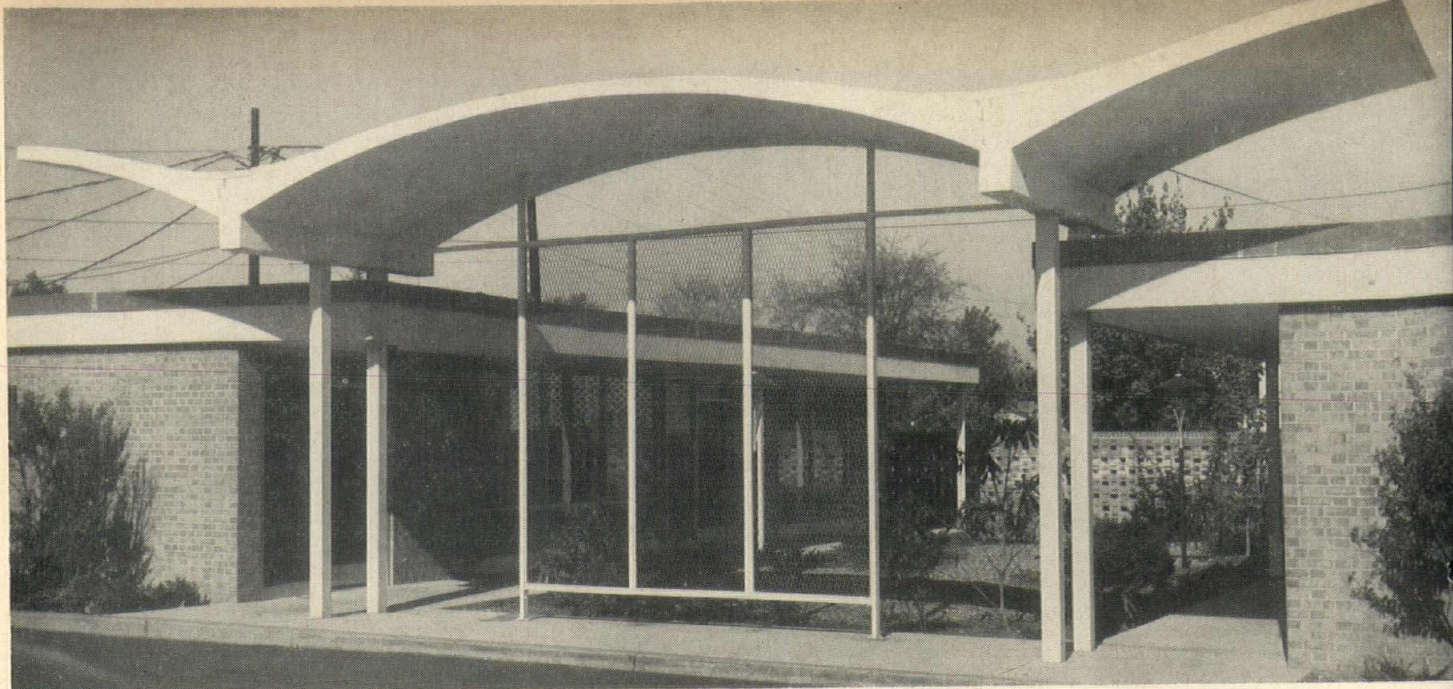
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The Professional Center

Waynesboro

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M. LYMAN JOHNSON
Mechanical & Electrical Consultant

YOUNG ASSOCIATES
Interior Decorators

M. E. HUMPHRIES
General Contractor

EIGHT PHYSICIANS AND DENTISTS in Waynesboro joined together to erect a new medical center adjoining the community hospital. Each office is entirely separate however since none of the professionals is associated in practice.

Each office is built around one of two courts, with a covered walkway completely surrounding the court. All waiting rooms have large glass walls which allow waiting patients to enjoy the extensively planted courts. Although office layouts are similar, no two offices are the same. Doctors' offices contain from 1,000 to 1,250 square feet and dentists' offices are smaller. The total finished area is 8,825 square feet, exclusive of basements.

A decorative masonry screen wall was designed to shield a view of adjoining properties and to form a suitable backdrop for the courts. A future office is planned for the lower level, on the west end, which opens out at ground level to another street. Adequate parking has been provided for patients in front of the center and for the staff, on an adjoining lot at the rear. Partial basements have been provided for storage and for equipment such as heating and air conditioning units, central vacuum system and incinerators.

To provide adequate sound condi-

tioning, all interior walls are hollow concrete block, solid block in critical areas. Exterior walls are block and brick with an insulated cavity. All doors are solid core wood and a music inter-com system masks the inter-office noise. Ceilings are acoustic throughout, attached to bar joists with a spline system. Walls are of plaster with wood paneling in various areas such as waiting rooms and consultation rooms. Ex-

posed brick is used in some offices and all interiors have been custom-designed for the occupant.

Each office has a rear entrance for staff use. Most physicians' offices have one consultation room and at least two treatment rooms in addition to laboratory, business office, and one or more toilets. Special X-ray rooms and an audio room were necessary for an Ear-Nose-Throat Specialist. In addition to



These, special consideration was necessary for the other physicians including a Pediatrician, Obstetrician, General Practitioner and Internal Medicine Specialist. Dental offices include three operatories, laboratory, darkroom, in addition to business office and waiting room for each of the offices. One of the dental offices incorporates octagonal-shaped operatories, a new innovation in operator design.

The exterior is brick with exposed aggregate panels on the fascia overhang. Courts have heavily-mulched planting beds with small stones in the center. Gull-wing type canopies of reinforced concrete were designed to relieve the monotony of flat-roofed structures. Gold-anodized metal screens provide visual interest at the entrance to the courts.

All units are provided with gas-fired heating and electric air conditioning, each office having its own separate system. Floor tile is vinyl or vinyl-asbestos and lighting is fluorescent with accent incandescent fixtures. Night lighting which is on time-switches was provided for the exterior. A considerable amount of wood cabinetwork was included for business offices, laboratories, treatment rooms, operatories, etc., all of which was executed under a separate contract.

The general contractor for the Center, M. E. Humphries, also did the excavating, foundations, carpentry, paneling, waterproofing, weatherstripping and insulation. Others were as follows: Valley Concrete, Staunton, concrete; Augusta Block Company, Staunton, masonry; Montague-Betts Company, Inc., Lynchburg, steel, steel roof deck, handrails and steel grating; Virginia Prestressed Concrete Corp., Roanoke, pre-stressed concrete; Painters Roofing & Heating Company, Staunton, roofing; Southern Building Products Distributors, Inc., Roanoke, windows and steel doors & bucks; Salem Glass Corp., Salem, window walls; Pittsburgh Plate Glass Company, Roanoke, glazing; Hesse & Hurt, Inc. Roanoke, painting and plastic wall finish; Manson & Utley, Inc., Charlottesville, acoustical; W. F. Hoy, Staunton, plastering; Standard Tile Company, Inc. Staunton, ceramic and resilient tile; Barnes Millwork Company, Roanoke, millwork; Piedmont Electric Supply Corp., Charlottesville, lighting fixtures; Myers & Whitesell, Waynesboro, electrical work; Cheuvront's Supply Corp., Waynesboro, plumbing fixtures; Dickinson & Cole, Buena Vista, plumbing, air conditioning, heating and ventilating; Skyline Hardware Company, Roanoke, hardware; Waynesboro Nurseries, Inc., Waynesboro, landscaping and Hicky Wood's Woodwork Shop, Charlottesville, special dental and medical cabinetwork. △

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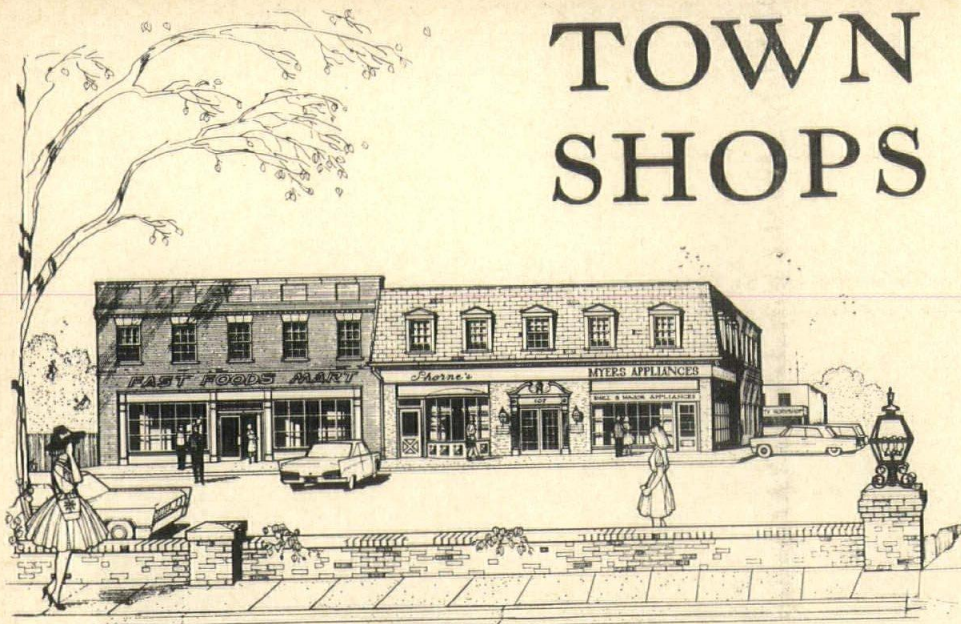
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TOWN SHOPS

PAUL H. BARKLEY, JR.
Architect

HEINZMAN & CLIFTON
Consulting Structural Engineers

GEORGE IRA WORSLEY, JR. & ASSOC.
Consulting Engineers
Mechanical & Electrical

RODGERS BROS. & ASSOC.
Engineering & Surveying

HAROLD L. PIERCE
Associated Designer

POHURTILL DEVELOPMENT CORP.
Owner & General Contractor

● With construction completed in November, Pohurtill Development Corporation, owner and builder of the \$150,000.00 commercial building, moved in all of its ground floor tenants in time for the Christmas shopping rush.

The building, known as Town Shops is located on Park Avenue in Falls Church, adjacent to both the growing Central Business District and the Official Design Zone around the Falls Church City Hall. For this reason, the traditionally inspired design was selected as most appropriate by the owner. With a full-range rose-brick, white colonial trim, and mansard roof, the structure blends pleasantly with other one- and two-story office buildings along Park Avenue, complementing the traditional atmosphere of Falls Church.

The design was unanimously approved by the newly created Falls Church Architectural Advisory Board whose duties are to make recommendations to the City Council on all proposed buildings in the city, and especially those in the Official Design Areas.

In approving the 'Town Shops' design, the board stated that they hoped the structure would set a precedent for future buildings in this neighborhood.

The building was sited in the rear corner of the lot, by the architect, in order to create two facades: one facing on Park Avenue in front, and one facing parking on the side. The side parking area abutts a municipal parking lot at the rear of all properties on Park Avenue. To facilitate access and egress from the city parking lot, the owners donated an easement, 25 feet wide, through their parking lot.

The owner has retained several large trees at the front property line to frame the new Town Shops, and to screen the parking area. Additional screening will be provided by a low brick garden wall. Gas lamps at the entrances match those on the building, recalling the gas light aura of Old Falls Church.

The building consists of 8,000 sq. ft. of commercial space on the first floor, and 6,200 sq. ft. of offices on the second. The first floor shops have identi-

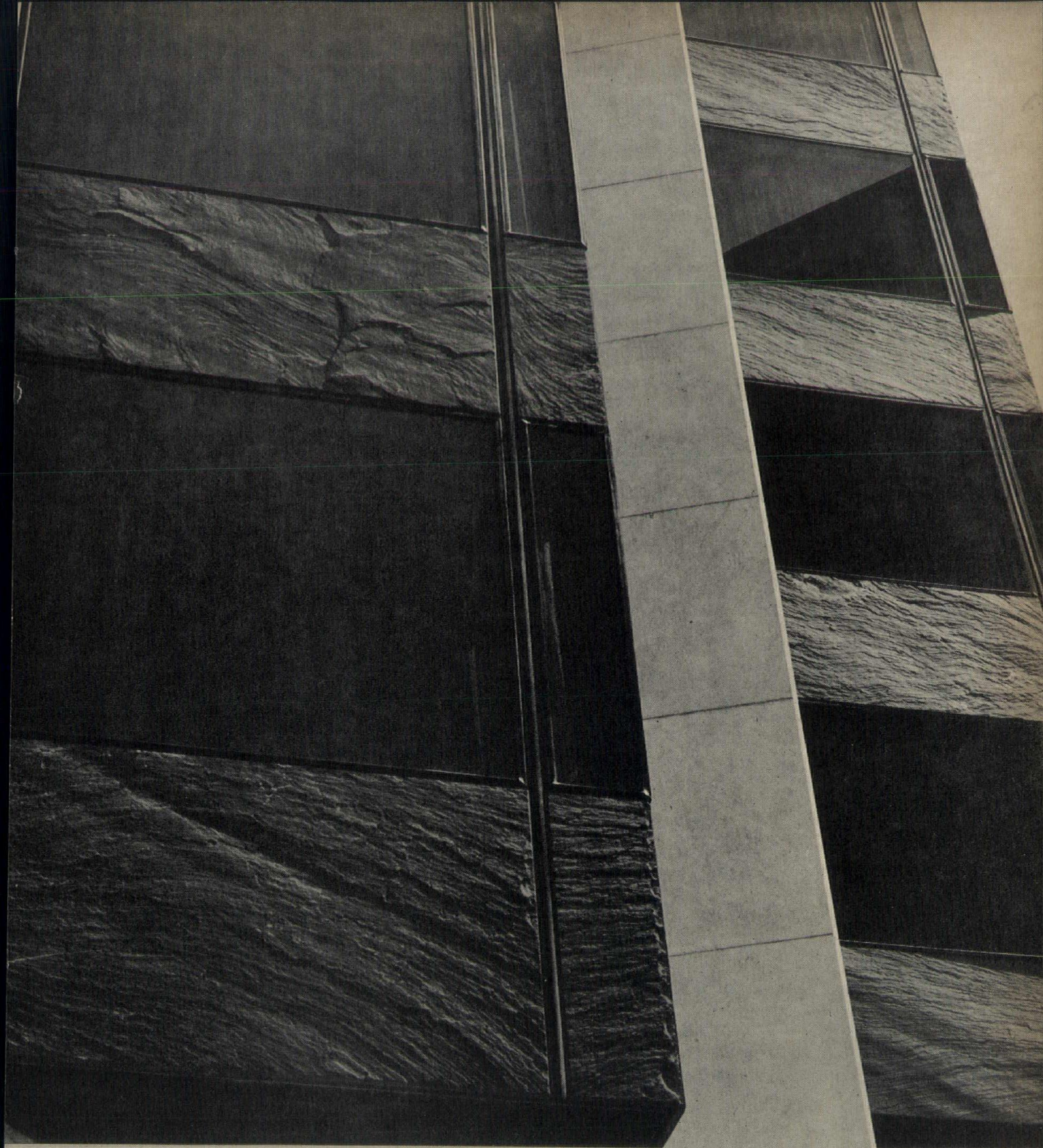
able and individual facades specifically designed for each tenant. The roof line was varied by providing both parapets and mansard roofs. This creates the feeling of small individual shops on the residential scale, so characteristic of Falls Church.

Construction consists of conventional load-bearing masonry walls with steel joists, floor and roof decks. Interior finishes are acoustical tile ceilings, drywall and wood paneling; resilient and wood flooring (wood flooring was used in the second floor dance school). Among interesting features are the removable window mullions, both in the first floor storefront windows as well as the second floor double-hung windows, designed to facilitate window cleaning.

Heating and air conditioning are provided on an individual basis to all shops and offices by roof-top units. Heating units are gas-fired; air-conditioning is electric. All utilities are supplied by underground connection.

Pohurtill Development Corporation, Falls Church, owner and general contractor for Town Shops and Offices also did the foundation and concrete work and the paneling, waterproofing, weatherstripping, ceramic and resilient tile, the wood flooring and supplied the hardware. Additional sub-contractors and suppliers were Falls Church Excavating, Falls Church, excavating; Joseph F. Giacomo Inc., Falls Church, masonry; James Steel Fabricators, Inc., Alexandria, steel, steel roof deck, steel doors & bucks and handrails; Arlington Roofing & Sheet Metal Co., Inc., Arlington, roofing; Arban & Carosi, Inc., Alexandria, stone work; Murphy-Ames, Inc., Arlington, (Anderson Windowalls), windows; Allen Glass Co., Inc., Alexandria, glazing and window walls; C. P. Dooley Falls Church, carpentry; Michael Bowman Falls Church, painting; Hodges Home Insulation & Improvement, Inc., Arlington, insulation and acoustical; Allen & Hoven, Inc., Falls Church, plastering; Dominion Electric Supply Co., Inc., Arlington, lighting fixture; Ray E. Winter, Arlington, electrical work; Joseph Heflin & Sons, Arlington, plumbing fixtures and plumbing; Bender-Miller Co. Inc., Falls Church, air conditioning, heating and ventilating; Sidney R. Johnston, Inc., Arlington, paving and site work





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Gloria Dei Lutheran Church



WARD & HALL, AIA • ARCHITECTS

KENDRICK & REDINGER, Consulting Engineers, Mechanical & Electrical

DUNCAN C. GRAY, Consulting Engineer, Structural

W. BRADLEY TYREE, INC., General Contractor

The program for the Gloria Dei Lutheran Church, Alexandria, called for a worship space to seat 175 people, six classrooms, a pastor's office, and other normal supporting facilities within a budget of \$90,000.00. The architectural solution placed the nave in the center of the building with a 4-inch thick wood plate roof supported by laminated wood beams that reach a height of 26 feet over the altar. The classrooms are placed around the worship facility and arranged so that the seating capacity of the nave can be expanded to accommodate 300.

The exterior materials are brick, stained wood and asphalt shingles. Interior finishes include exposed wood deck ceilings, concrete floors with Keystone topping, and walls of rough-sawed oak or painted dry wall. The building is heated by gas-fired warm air furnaces and air conditioned.

The principle subcontractors and suppliers were as follows: The general contractor was W. Bradley Tyree, Inc., Falls Church, who also supplied foundations, concrete, roof deck, acoustical, windows, carpentry, paneling, waterproofing, weatherstripping and wood flooring. Excavating was done by Bob Banks Construction Co., Inc., Springfield; masonry by Cannon Construction Corp., Alexandria.

Other Alexandria firms were: James Steel Fabricators, Inc., steel, steel doors & bucks and handrails; Virginia Roofing Corp., roofing; J. C. Daffara Electrical Service, lighting fixtures and electrical work; Refrigeration Service Co., air conditioning, heating and ventilating.

From Arlington: Unit Structures, structural wood (laminated beams); Bilton Insulation & Supply, Inc., insulation; Virginia Millwork Corp., millwork; Henry A. Davis, plumbing and plumbing fixtures. Other firms were: Virginia Plate Glass Co., Falls Church, glazing; Wilmar Contractors, Inc., Vienna, painting; Dodd Brothers, Inc., Vienna, plaster; Lester's Hardware, Springfield, hardware and Newton Asphalt Co., Inc., Woodbridge, paving, sand and gravel.

OFFICE BUILDING FOR VANSANT AND GUSLER

PENTECOST, WADE & McLELLON — Architects & Engineers

THE RECENT CONSTRUCTION of a new office building on the corner of Colley Avenue and 46th Street, in Norfolk, marked another milestone in the rapid growth of the firm of Vansant and Gusler, Consulting Engineers. Faced with a rapidly burgeoning practice which necessitated increases in staff and which required larger and more adequate area, their decision to relocate and build was a logical step.

Since Colley Avenue, the main thoroughfare, is very heavily traveled, the building is fronted on the side street, thus reducing traffic congestion and related problems of noise.

The exterior is of blue glazed-brick and buff cast-stone, with slate panels and aluminum windows. Graylite glass is installed throughout. Vertical slate inserts divide the brick wall areas into measured panels which repeat the rhythm of panel-wall window units.

The building is almost square in planform, with the partners' offices and reception area occupying one corner. The design areas are wrapped around the office area, and are divided into a mechanical design room and an electrical design room, each room convenient to the appropriate Engineer-Partner. The two design rooms are separated by a central reference area in which are located plan files, telephones, tick racks and specification files, record storage vault, and a restroom-kitchenette.

The office area is finished in a very striking fashion, with all walls either paneled, covered with vinyl, or of an exposed architecturally-treated masonry. A dark slate floor in the reception space leads to two richly-carpeted conference rooms located near the front of the building, and thence down a hallway between the engineers-partners' offices to the design areas in the rear. Each partner's office is decorated to reflect the tastes of the individual, resulting in

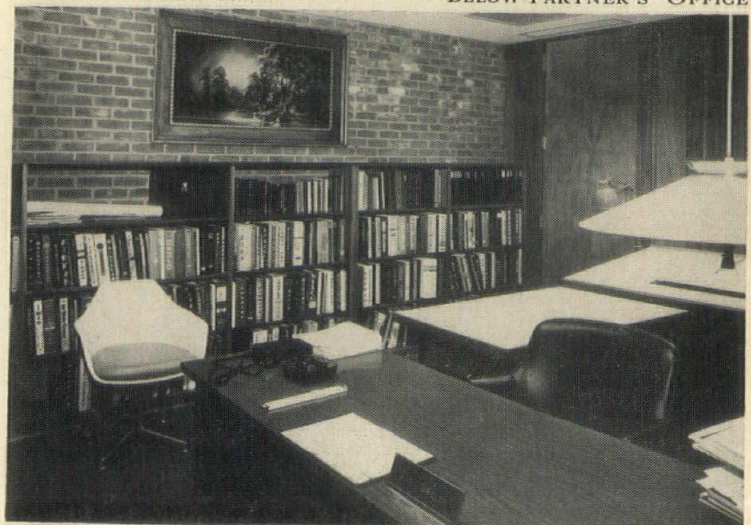
(Continued on page 64)

- ▲ FRAIOLI-BLUM-YESSELMAN
Structural Engineers
- ▲ VANSANT & GUSLER
Mechanical & Electrical Engineers
- ▲ WILLIAM JACKSON & HUNTER JACKSON
Interiors
- ▲ W. B. MEREDITH II, INC.
General Contractor



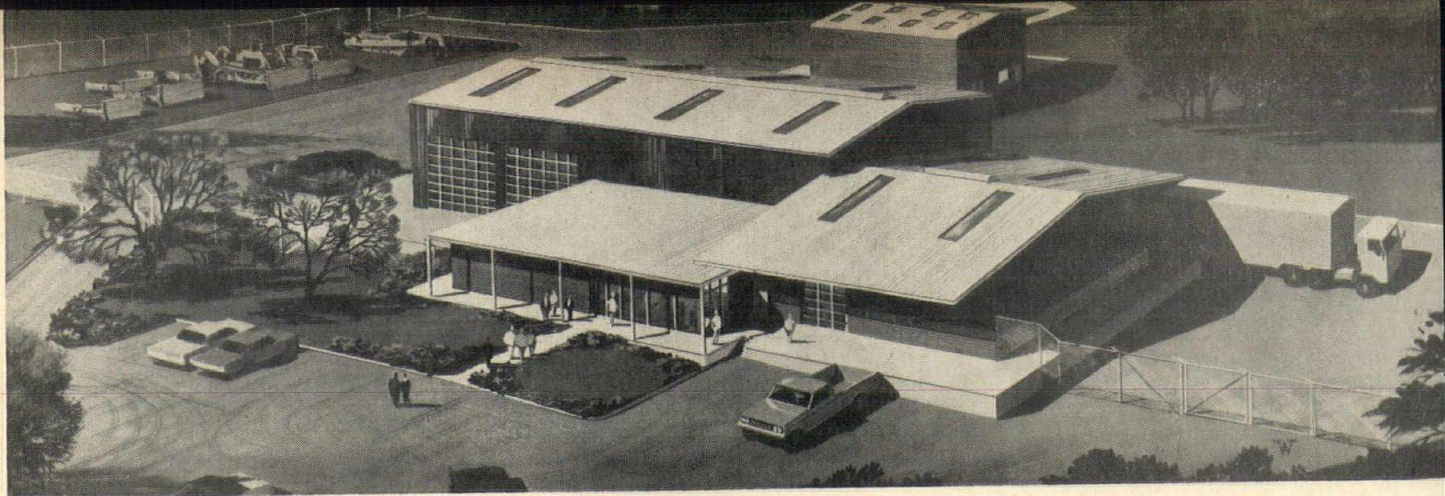
ABOVE-RECEPTION AREA

BELOW-PARTNER'S OFFICE



Subcontractors & Suppliers

W. B. Meredith II, Inc., Norfolk, general contractor, excavating, foundations & carpentry; Ford Pile Foundations, Inc., Virginia Beach, piling; Southern Materials Co., Inc., Norfolk, concrete; W. T. Stowe, Inc., Portsmouth, masonry; Chesapeake Steel, Inc., Norfolk, steel & steel roof deck; American Sheet Metal Corp., Norfolk, roofing; Economy Cast Stone Co., Richmond, stone work; John H. Mayo & Associates, Inc., Norfolk, windows; Brown & Grist, Inc., Newport News, window walls; Walker & Laberge Co., Inc., Norfolk, glazing; E. Caligari & Son, Inc., Norfolk, painting & plastic wall finish; Elliott & Co., Inc., Norfolk, paneling; John H. Hampshire, Inc., Norfolk, insulation & acoustical; A. C. Gordon & Co., Norfolk, plaster; Jayen Tile Corp., Norfolk, ceramic tile & resilient tile; Elliott & Co., Inc., Norfolk, millwork; Door Engineering Corp., Norfolk, steel doors & bucks & hardware; E. G. Middleton, Inc., Norfolk, electrical work; E. K. Wilson & Sons, Inc. Norfolk, plumbing fixtures, plumbing, air conditioning, heating & ventilating.

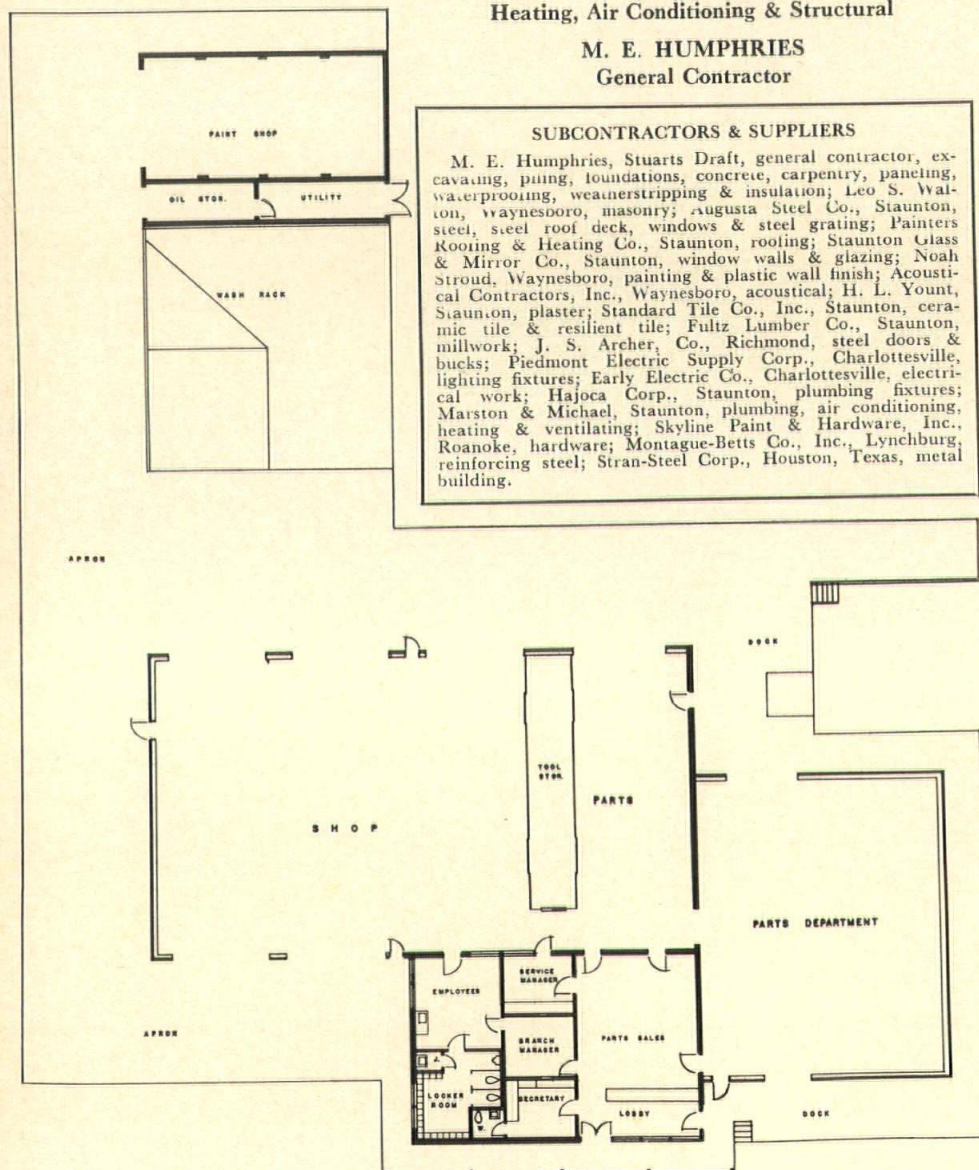


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General Contractor



SUBCONTRACTORS & SUPPLIERS
M. E. Humphries, Stuarts Draft, general contractor, excavating, piling, foundations, concrete, carpentry, paneling, waterproofing, weathertstripping & insulation; Leo S. Walton, Waynesboro, masonry; Augusta Steel Co., Staunton, steel, steel roof deck, windows & steel grating; Painters Roofing & Heating Co., Staunton, roofing; Staunton Glass & Mirror Co., Staunton, window walls & glazing; Noah Stroud, Waynesboro, painting & plastic wall finish; Acoustical Contractors, Inc., Waynesboro, acoustical; H. L. Yount, Staunton, plaster; Standard Tile Co., Inc., Staunton, ceramic tile & resilient tile; Fultz Lumber Co., Staunton, millwork; J. S. Archer, Co., Richmond, steel doors & bucks; Piedmont Electric Supply Corp., Charlottesville, lighting fixtures; Early Electric Co., Charlottesville, electrical work; Hajoca Corp., Staunton, plumbing fixtures; Marston & Michael, Staunton, plumbing, air conditioning, heating & ventilating; Skyline Paint & Hardware, Inc., Roanoke, hardware; Montague-Betts Co., Inc., Lynchburg, reinforcing steel; Stran-Steel Corp., Houston, Texas, metal building.

▲ The new Fishersville branch for The Virginia Tractor Company of Richmond was completed in 1966. It is located south on State Route #250 of County Route #608 and will be near the interchange for Interstate #6 when the new highway is completed. The company is a dealer for Caterpillar earth-moving equipment used in highway construction and the branch provides sales and service to customers in the valley area.

The project contains about 8,000 square feet of space including sales offices, parts department, service shop, parts warehouse and paint shop. An employee's lounge is provided as well as a locker room and toilet. The plan is so designed that the service manager has excellent control over the shop, his office being adjacent with a large window for a view of the shop activity at all times. The general manager and secretary have offices separated from the general sales area by metal and glass partitions. Customers can order or pick up parts without interrupting other activities. Loading docks are provided for customers at the front and for restocking at the rear. One adjustable dock-leveler is installed in the rear dock. Many of the parts must be handled with heavy equipment due to weight and bulk.

The Shop and the Parts Department structures are manufactured metal building units, with the sales office area of conventional masonry and bar-joint construction. The concrete floors in the Shop are waffle-type construction to accommodate the heavy loads and have a hardened surface to withstand damage by tractor cleats. A concrete apron of the same construction surrounds the shop building. The Paint Shop is to the rear and is separated from the main building by a steam-cleaning wash-rack which is located between.

(Continued on page 64)

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Architects

JOSEPH K. FRY, Partner-in-charge

VANSANT & GUSLER
Consulting Engineers, Electrical

KELLOGG-CUTHRELL, INC.
General Contractor

HISTORIC ROANOKE ISLAND, the stepping-stone of Elizabethan England to America, now offers visitors to the Dare Coast Outer Banks the area's first 16th century English-styled accommodations.

The "Elizabethan Manor" was completed in just six months after approval of the preliminary design and in time for a turn-away 1966 season. It is the first step of a



major expansion program for the Manteo Motel property which lies between Manteo and Fort Raleigh National Historic Site, scene of charming Elizabethan Gardens as well as Paul Green's exciting drama, "The Lost Colony".

In keeping with the wishes of the owners, Ina and Burwell Evans, the building was designed to incorporate carefully researched surface-detailing of the desired period, including "stucco and half-timber", brick veneer and brick pavers, diamond-paned casement sash, and rough-hewn posts and beams, re-cut from old heart-lumber.

Vertical-grained oak doors with strap hinges open to interiors which also follow the 16th century theme. Furniture of heavy, carved, dark oak with slate tops, an oak-paneled wall, carpeting in the bedrooms and quarry tile in the dressing areas, kitchenettes and baths, all contribute to the illusion.

On the other hand, the contemporary equipment, including electric incremental heating-cooling units, package kitchens complete with ovens, well-chosen lighting and plumbing, all assure a full measure of "creature-comforts" which the Elizabethan might well have envied.

In addition to the usual motel-type accommodations, the ground floor includes two sizes of efficiency units, each communicating with a motel unit when desired. A central guest services room includes washer and dryer, coin-operated vending machines, and a large linen room, as well as a stair to the second floor.

On the upper level, an office occupies the central space and a manager's apartment was designed for the right half of the building. The apartment comprises a large living-dining room, kitchen, bath and large bedroom, with a heat-cool unit for each major space. The balance of the upper level, now rough-floored and unfinished, is suitable for an additional apartment.

The setting for the building is a secluded pine woods, approached by a side street and a private asphalt drive, or by a meandering walk from the older facility at the highway. The walk passes a fine new swimming pool, also installed this year.

Colors, in addition to "stucco-white," include a brown stain for "half-timber" and trim, bright red frames at casement windows and lead-colored muntins. Gutters and down-spouts are painted sage green to resemble weathered copper. Brown asphalt shingles are in lieu of wood shakes. Red brick, in the cloisters and foundation work, complete the picture.

The general contractor for this addition was Kellogg Cuthrell, Inc., of Manteo, N. C. Among the principal subcontractors and suppliers were: E. Caligari & Son, Inc., Norfolk, who did the plastic wall finish for the baths, and Standard Tile Co., Elizabeth City, N. C., who provided the quarry tile. Electrical work was done by Riddick & Wembly Hardware Co., Belhaven, N. C., plumbing by Carso Creef, Manteo, N.C. and heating by W. M. Joliff, also of Manteo.

HOPE UNITED CHURCH OF CHRIST



WARD AND HALL, AIA
Architects

●
KENDRICK & REDINGER
Mechanical & Electrical Engineers

●
FORTUNE ENGINEERING ASSOC.
Structural Engineers

●
W. R. MANCHESTER, INC.
General Contractor

Subcontractors & Suppliers

W. R. Manchester, Inc., Alexandria, general contractor, excavating, foundations, concrete & carpentry; Virginia Roofing Corp., Alexandria, roofing; Capital Products, Inc., Washington, D. C., windows; Unit Structures, Arlington, structural wood; Allen Glass, Inc., Alexandria, glazing; Wilmar Contractors, Inc., Vienna, painting; Bilton Insulation & Supply, Inc., Arlington, insulation; Dodd Bros., Inc., Vienna, plaster; Fairfax Millwork Co., Alexandria, millwork; Jack Carter Electrical Construction, Arcola, electrical work; Berry & Co., Alexandria, plumbing fixtures & plumbing; William Jose, III, Springfield, air conditioning, heating & ventilating; Lester's Hardware, Springfield, hardware.

▲ The first unit of the Hope United Church of Christ in Franconia, is designed to be a flexible building that currently accommodates the worship area and education classrooms for a small, but growing, congregation of almost 100 people. This unit will ultimately serve as the church fellowship hall with classrooms when the complete master plan for development is realized.

Flexibility and simplicity of space were two of the major design criteria that were necessary to produce a dual-purpose space. The board-and-batten shell encloses an exposed laminated-wood beam assembly-area that seats 30 people. The lower level is primarily classrooms which open to an outdoor terrace. The sloping, wooded site allows for outdoor entrance-terraces from both the education level and the upper worship area.

Future growth of the church will utilize the upper terrace as a central court-area around which the proposed sanctuary, administration, and education units will be grouped. ▲



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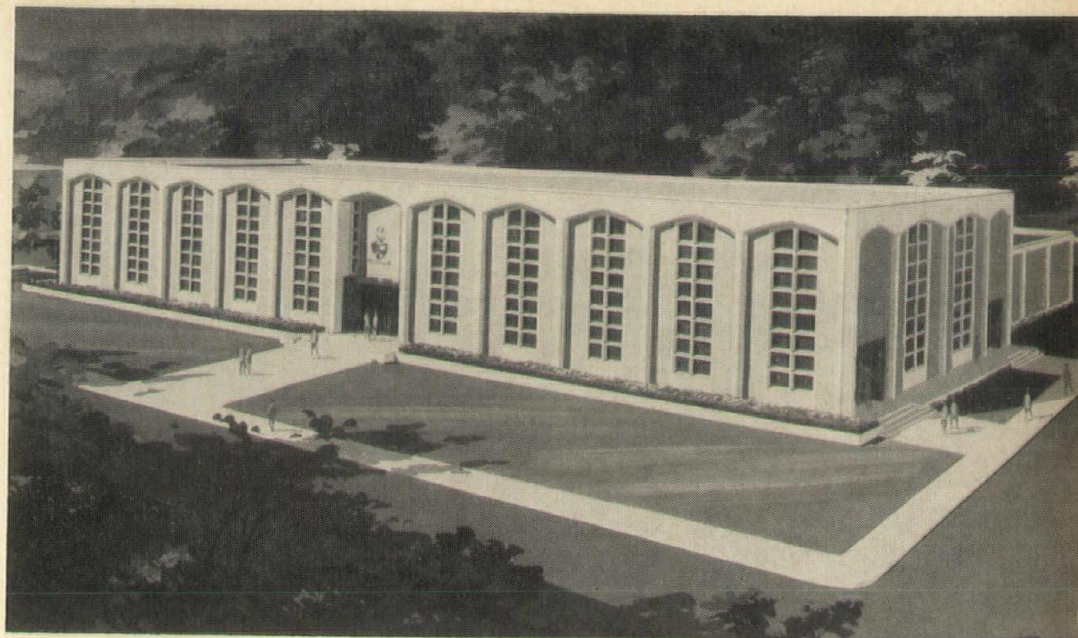
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MILITARY &
AIR SCIENCE
FACILITY

CLARK, NEXSEN & OWEN
Architects

WILLIAM T. ST. CLAIR
Consulting Structural Engineer

WILEY & WILSON
Consulting Engineers
Mechanical & Electrical

C. W. HANCOCK & SONS, INC.
General Contractor



Subcontractors and Suppliers

E. W. Yeatts, Inc., Altavista, excavating; Buena Vista Ready-Mix, Buena Vista, concrete; Montague-Betts Company, Inc., Lynchburg, steel; Leonard Smith Sheet Metal & Roofing, Inc., Salem, roofing; Economy Cast Stone Company, Richmond, stone work; Pittsburgh Plate Glass Company, Roanoke, glazing and aluminum work; J. W. Hundley, Roanoke, painting; Standard Tile Co., Inc., Staunton, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient tile and acoustical work; H. L. Yount, Staunton, plaster and stucco; Graves-Humphreys, Inc., Roanoke, hardware; Miller Manufacturing Co., Inc., Richmond, millwork; Roanoke Engineering Sales Company, Inc., Roanoke, steel doors & bucks and rolling steel door; McDaniel-Kelly Electric Company, Lynchburg, electrical work; Southern Air, Inc., Lynchburg, plumbing, air conditioning, heating and ventilating.

station rifle range of the most up-to-date design.

The first floor contains four large classrooms, a 200-seat lecture room, personnel offices and a spacious entrance lobby with built-in display cases.

On the second floor are three additional classrooms, a seminar reading room, and additional personnel offices.

As the rear of the present building is only one story above ground, there will be space on the second floor for future expansion.

All three floors have adequate toilet and custodial facilities.

The basic construction is masonry bearing walls with steel joists and concrete-slab floors. Interior partitions are painted, CMU floors are concrete, resilient tile and ceramic tile. Ceilings are acoustic tile, mainly, with some hard white plaster finishes. ▲

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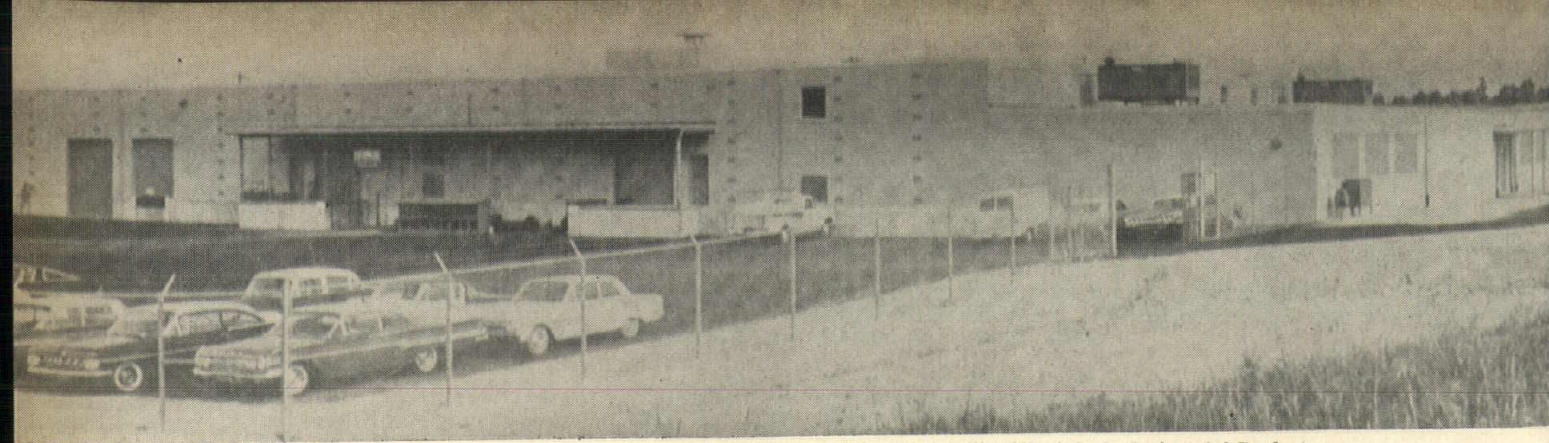
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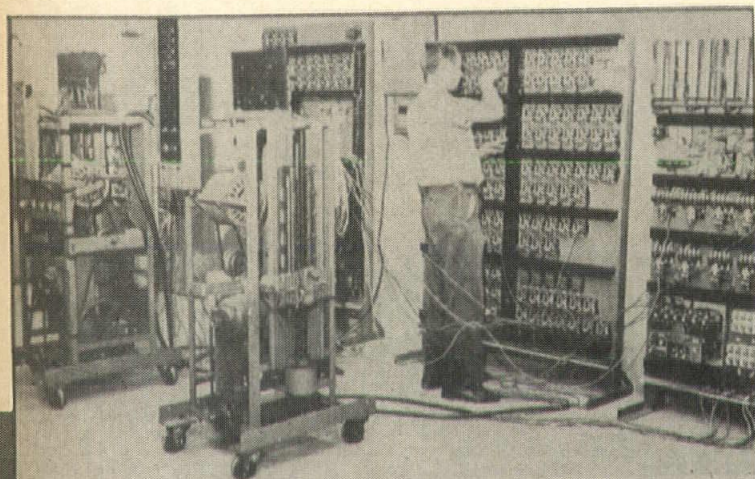
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MOVING DAY FOR VETERANS

The move of the Westbrook Elevator Company into new quarters not only involved an entity which had its beginning over 125 years ago, but a group of veterans, some of whom had served almost 45 years with the Virginia manufacturing company.

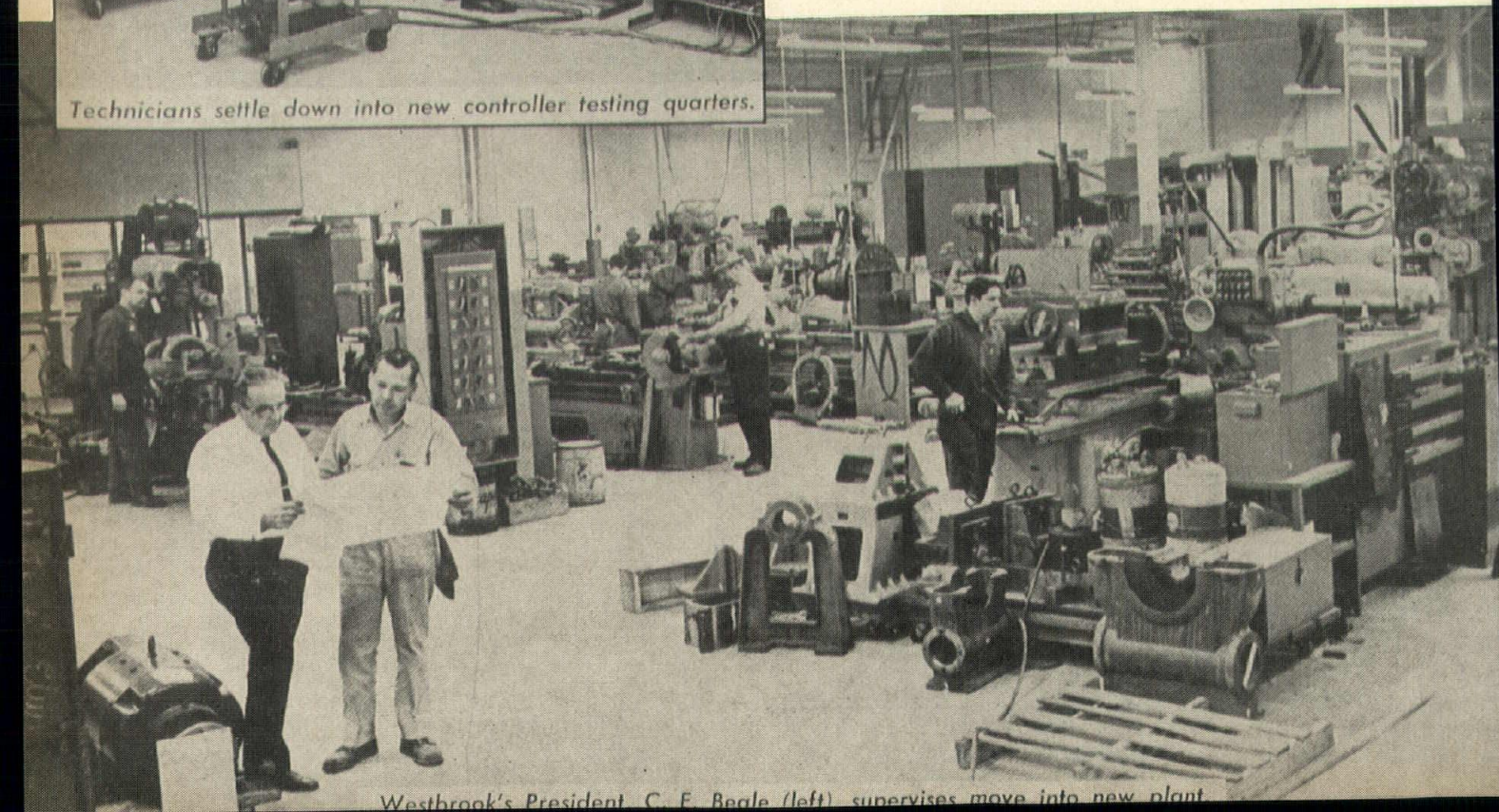


Technicians settle down into new controller testing quarters.

The Westbrook Company started near Danville as a foundry in 1840. No one is quite certain when it made its first elevator but when the files were moved they contained drawings dating back to the 1890's. In 1918, the company changed its name to Westbrook Elevator Manufacturing Company and three years later moved into downtown Danville where it remained until this year's transfer to 8½ acres in the city's Industrial Park. The 46,000 square foot new building still has a portion dedicated to foundry operation, pouring gear blanks and other bronze items.

C. E. Beale, company president who began with Westbrook as an erector in 1935, proudly points out that the organization is comprised of "old timers." "W. H. Williams, our construction superintendent has been with us 43 years; L. C. Gosney, our shop superintendent and branch manager C. H. Stout, 42 years; and F. E. Ferguson, 44 years. We probably have more veterans, for our size, than anyone in the industry."

Westbrook sells its hoisting machines to the conveyor industry as well as to elevator contractors and also markets an uncounterweighted drum elevator of an unusual design to the latter group. The company, although populated with "old timers," apparently has time for innovations; President Beale reports the use of 36-foot trailers to transport complete elevator units to job sites where they remain as store rooms and work shops for the duration.



Westbrook's President, C. E. Beale (left) supervises move into new plant.

BMA

(Continued from page 15)

and all tax reports for the government. Another time consuming duty of Mrs. Keller is the administration of the Association's group insurance program. This is a monumental task but a valuable service to the companies who participate.

In addition, Mrs. Keller handles the tremendous amounts of correspondence that originate in the VBMA office.

She must also act on behalf of Mr. Duckhardt on various matters when he is out of town or out of the office. Many requests and problems of the dealers need immediate attention. She must handle these matters in a satisfactory manner, and does so capably.

The work load of Mrs. Keller far exceeds the limit of an 8-hour day. Except for occasional part-time help she manages to keep her head above water by arriving to work early and doing a considerable amount of work at home in the evenings and on the weekends. Mr. Duckhardt says "I can count on my fingers the number of times I've arrived at the office in the morning before Mrs. Keller in the past three years."

No less dedicated to his task is Jim Duckhardt, Executive Director of the Association. As the managing officer of the Association he is responsible for the supervision of the administrative and other duties of Mrs. Keller. A job which he says is one of his easiest.

As primary spokesman or representative of the Association he represents them whenever the occasion occurs. Often this is done through correspondence, but he also must make personal appearances especially in legislative matters at the state and local level.

Just recently Mr. Duckhardt and the current president, Frank Kellam of Virginia Beach, have appeared on two occasions before the Money and Interest Study Commission appointed by the Governor to investigate the interest rate structure of Virginia, to state the position of the Association.

Mr. Duckhardt has represented the BMA on the Council for State Home Ownership, a group of five associations that have a common problem and are working together in a true and inclusive spirit of cooperation, typical of day's associations. They have made appearances throughout the state making a grass roots appeal to the state legislators to take immediate action to relieve the critical money shortage for mortgage loans in Virginia. They feel this shortage is partially due to the Virginia restrictive Usury Law.

For a number of months last year, Mr. Duckhardt met with another group, representing various facets of the building industry, to improve and up-date Virginia's Mechanic's Lien Law. During the last session of the General Assembly they were successful in getting a bill passed authorizing the Governor to appoint a special study commission to study the problem. The Governor's appointees on this committee include three VBMA members.

Through phone calls, telegrams and letters the VBMA office lends local support to our national legislative efforts.

The members are kept apprised of these activities through the Association publications. A monthly Newsletter keeps the dealers informed on the latest happenings of the Association and of the building industry in general. The Bulletin is used when an item is felt to be of such importance that it cannot wait to be distributed to the members in the monthly Newsletter. Much time is spent by Dr. Duckhardt in scanning trade publications and reading all correspondence and news releases to decipher what should be communicated to the dealer members. ➡➡➡

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Other Association publications prepared by the VBMA office include a membership directory, and annual convention program and a buyer's guide. The latter lists all of the associate members of the Association who provide the materials and services purchased by the VBMA members. These firms are listed alphabetically giving the names addresses and phone numbers of the sales personnel serving Virginia. They are also listed in a products classification section. This provides the members with an instant source of supply for just about any item they wish to purchase.

The companies included in this Buyer's Guide have demonstrated their leadership in the industry by their support of the Association and can be relied on as a dependable source of supply.

Mr. Duckhardt also must handle the many other items the Association prints for promotional and public relations purposes. He tells me he finds this a very fascinating part of his work.

The largest single function of Mr. Duckhardt is planning, promoting and staging the Annual VBMA Convention and Exposition.

The convention is held in February each year in one of the major marketing areas of the state. Preparation for this event must start immediately following the last one.

The exposition part of this annual event is the largest building materials trade show in Virginia. The major manufacturers and suppliers of building materials in the country display their products for three days to the dealers attending the convention. The exhibit area provides the dealers with a profitable warehouse of product information and knowledge. The dealers can view new products and witness demonstrations as to their uses and application. They learn new sales techniques from professional salesmen with a thorough knowledge of their product. Area contractors, architects and those connected with the building industry are invited to attend this trade show.

The convention portion of this event consists of the Board of Directors meeting, the annual VBMA general business meetings and business sessions with programs designed to educate and inform the dealers. Top notch, nationally known, speakers who are authorities in their field conduct these programs.

The convention also offers the dealers the opportunity for fun and the fellowship derived from meeting with others of like interest and problems. There are also interesting ladies' func-

(Continued on page 55)

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Annandale Millwork Corp., Annandale
Arlington Building Supply Co., Inc.,
Springfield
Ashland Lumber Co., Ashland

Bailey Lumber Co., Grundy
Bailey Lumber Co., Wytheville
Batchelder & Collins, Inc., Norfolk
Baughan Construction Co., Luray
Bay Building Supply & Hardware, Inc.,
Va. Beach
Beamon's Inc., Suffolk
H. Beckstoffer's Sons, Richmond
Bedford Lumber Co., Bedford
Berryville Lumber Co., Inc., Berryville
J. V. Bickford, Inc., Hampton
Blacksburg Lumber Co., Inc., Blacksburg
H. L. Borden Lumber Co., Strasburg
Boyce Lumber Corp., Portsmouth
Bristol Builders Supply Co., Bristol
Builders Super Market, Inc., Warsaw
Builders Supply Co. of Hopewell, Hopewell
Builders Supply of Petersburg, Inc.,
Petersburg
Burton Lumber Corp., Chesapeake
C. R. Butler, Inc., Orange

Campbell-Payne, Inc., Lynchburg
Central Lumber Co., Radford
Charlottesville Lumber Co., Inc.,
Charlottesville
Cherrydale Cement Block Co., Herndon
City Fuel Co., Crewe
Clinch Valley Lumber & Supply Co., North
Tazewell
B. H. Cobb Lumber Co., Richmond
Colonial Building Supply, Inc.,
Bailey's Cross Roads
County-City Supply Corp., Hayes
Crozet Lumber Co., Crozet
Culpeper Building & Supply Corp.,
Culpeper
Culpeper Planing Mill, Culpeper

George W. Daughtry & Son, Inc.,
Chesapeake
DeShazo Lumber Co., Martinsville
Dixon Lumber Co., Inc., Galax
Draper Building Supply Co., Boykins

W. K. Early & Son, Galax
Emporia Sash & Door, Inc., Emporia
English's Inc., Altavista

Thomas J. Fannon & Sons, Inc., Alexandria
Farmers Hardware & Supply Co.,
Blackstone

(Continued on page 55)

41ST ANNUAL CONVENTION & BUILDING MATERIALS EXPOSITION

Virginia

Building Material Association

February 22-24, 1967—The Golden Triangle, Norfolk

BUSINESS SESSIONS—Thursday, Feb. 23, 9:00-11:00 A.M.

"National and State Legislative Problems—Causes & Cures"

Learn how recent developments of the U. S. Congress and the Virginia General Assembly can so vitally effect you and your business.

Speakers:

Mr. Thomas C. Brickle (Photo)

Legislative Representative

National Lumber & Building Material Dealers Association, Washington, D. C.

Mr. Brickle will explain the new National Legislative Action Committee, its functions, purposes and aims. He will tell you your role and how you benefit from this Committee of our National Association.

Mr. James M. Shedden (Photo)

President, National Lumber & Building Material Dealers Association

President, Lord & Bushnell Lumber Company, Chicago, Ill.

Mr. Shedden will explain other objectives of our National Association. How through inter and intra industry activities the NLBMDA is constantly striving to improve the building material industry.

Mr. John R. Sears, Jr.

President, Virginia Savings & Loan League

President, Home Federal Savings & Loan Association

Delegate to Virginia General Assembly—Norfolk, Va.

Mr. Sears will explain briefly what can be done at a state level to have an effective voice in legislative matters. A slide presentation on the "Tight-Money" situation will be shown and discussed.

LUNCHEON—Thursday, Feb. 23, 1:00 P.M.

"Four Wheel Drive"

Speaker:

Mr. Charles L. McCullers (Photo)

Humorist and Lecturer

Dunn, N. C.

Mr. McCullers with his wealth of experience in public relations and community development, possesses a keen insight into the needs, desires and ambitions of people.

BUSINESS SESSIONS—Friday, Feb. 24, 9:00-12:00

"Merchandising Magic"

A smorgasbord of merchandising ideas to help you up-date your operation from men of varied backgrounds and experience.

Moderator:

Mr. William E. Norman

President, Middle Atlantic Lumbermen's Association

President, Gaithersburg Lumber & Supply Company, Gaithersburg, Md.

Mr. Norman will introduce the speakers and will moderate a question and answer session.

Speakers:

Mr. Herbert Saltzer

Joseph Gatti Associates

Marketing/Management Consultants, Bethlehem, Pa.

Mr. Saltzer's talk on Merchandising will emphasize advertising, promotion and out-of-store means to better Merchandising. Something we all need!

Mr. John V. Drum (Photo)

Vice-President, Merchandising

Wickes Lumber & Building Supplies, Saginaw, Mich.

Mr. Drum will talk on better means of in-store Merchandising, such as proper layout, displays, etc. A practical and informative discussion.

Professor Joseph B. Dent, Jr.

Chairman—Department of Merchandising

Old Dominion College, Norfolk, Va.

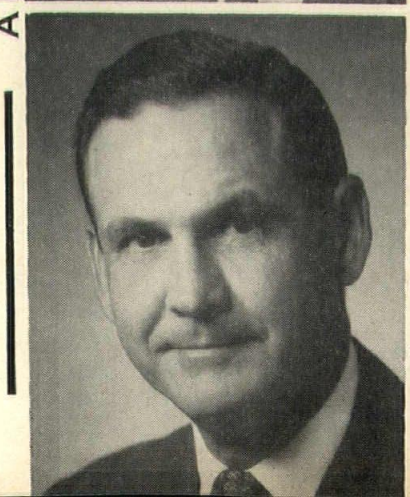
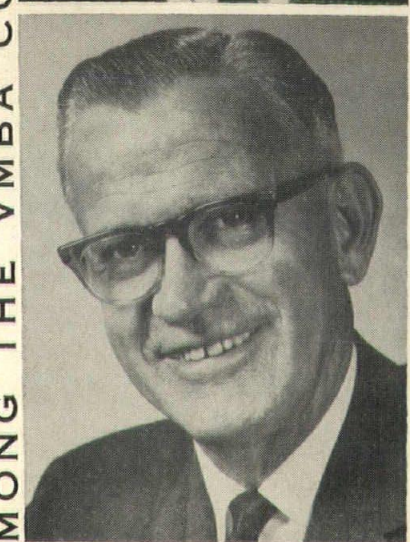
Professor Dent will relate why better Merchandising techniques succeed. He will explain some of the reasons and principles from an academic and practical viewpoint, with emphasis on personnel.

Mr. E. A. "Bud" Miller

Virginia Distributor

Hiab Hydraulics, Inc., Wilmington, Del.

Mr. Miller will explain one principle of better Merchandising, a service you can offer your customers.



AMONG THE VMBA CONVENTION SPEAKERS

ons which attract many of the dealers' wives.

The details of staging such an event are staggering. Booth sales, program planning, engaging speakers, arranging meals, menus, etc., with the hotel, promoting attendance, are some of the major tasks. Overseeing the entire event while it is in operation, to ensure that it runs smoothly, is a job few of us would wish.

In June of every year the Association has another Board of Directors meeting and this is held in conjunction with a management conference. At this meeting in a relaxed, informal atmosphere the dealers get together to exchange ideas and discuss mutual problems. This type of meeting has proven very constructive.

During the fall of each year the Association holds a series of meetings throughout the state. These are dinner meetings with the programs designed to be of interest to the employees as well as the managers and owners. Many of the employees are unable to attend the statewide meetings and convention and thus are afforded the opportunity to learn and be kept up-to-date on the industry and its products.

Throughout the year whenever the opportunity affords itself, the Association offers the dealers schools, clinics and seminars on various phases of the building material business: estimating, financial management, home improvements and electronic data processing are typical examples of subject matter covered.

The arranging, promoting and staging of all of these events with the many details involved falls squarely on the shoulders of Jim Duckhardt.

When time permits, Mr. Duckhardt travels throughout the state and visits the dealers in their places of business. This personal contact with the dealers is one of the aspects of his job Mr. Duckhardt enjoys most. While traveling he also visits building material dealers who are not members to explain the advantages of membership in the Virginia Building Material Association. Mr. Duckhardt firmly believes that if he could convey successfully to the non-members exactly what the Association can do and is presently doing to improve their business that all of them would join.

It is understandable how Mr. Duckhardt finds some difficulty in expressing what he does for a living in a few words. His job is a demanding one. One that requires many and varied abilities and skills, and more importantly, re-

(Please turn the page)

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VBMA Dealers (Continued)

Farmville Mfg. Co., Inc., Farmville
Federal Lumber Co., North Tazewell
Fort Lewis Hardware & Lumber Corp.,
Salem
Franklin Concrete Products Corp., Franklin
Friend & Co., Inc., Petersburg
Fuel, Feed & Building Supplies Co.,
Va. Beach

General Supply Co., Inc., Norfolk
Gilliam's, Inc. of Woodstock, Front Royal
Glade Spring Vance Co., Glade Spring
Glaize & Brother, Winchester
Golladay Building Supply, Inc.,
Front Royal
Golladay Building Supply, Inc.,
Stephens City

T. H. Gough, Ringgold
H. E. Grasty & Brother, Orange

Haley & Durrett, Ashland
Herndon Lumber & Millwork, Inc.,
Herndon

Hill Hardware Corp., Amherst
J. T. Hirst & Co., Inc., Leesburg
Hodges Lumber Corp., Roanoke
Holsinger Lumber Co., Staunton
Home Lumber Corp., Roanoke
Home Building Supply, Inc.,
Charlottesville

James River Building Supply Co., Inc.,
Sandston

Kellam & Eaton, Inc., Virginia Beach
Kenbridge Mfg. & Supply Co., Inc.,
Kenbridge

Keys Planing Mill, Inc., Bluefield
Kilmarnock Planing Mills, Kilmarnock
Knopp Brothers, Staunton

Lambert Manufacturing Co., Waynesboro
S. C. Lamberth & Bros., White Marsh
Lipscomb Brothers Lumber Co.,
Mechanicsville

T. H. Maddux & Co., Marshall
Manassas Lumber Corp., Manassas
Marion Vance Co., Inc., Marion
Martz Building Supplies, Petersburg
Massey Builders Supply Corp., Richmond
J. W. Masters, Inc., Colonial Beach
J. W. Masters, Inc., Fredericksburg
Mingo & Lime Lumber Co., Grundy
R. S. Monger & Sons, Inc., Harrisonburg
Mottley Construction Co., Farmville
Mountcastle Lumber Co., Inc.,
Providence Forge

Murphy & Ames, Inc., Falls Church
Myers Lumber Co., Purcellville
McClung Lumber Co., Salem
McClure Lumber & Builders Supply Co.,
Inc., McClure

McKenzie Lumber Co., Inc., Rich Creek
McLaughlin Supply Co., Chatham
George T. McLean Co., Inc., Portsmouth

Natural Bridge Lumber Co.,
Natural Bridge Station
C. B. Nettleton, Inc., Covington

(Please turn the page)

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quires a particular type of person with a certain type of personality and a flexible outlook on life to succeed. Mr. Duckhardt appears well suited for the position entrusted to him by the members of the Virginia Building Material Association.

Without the VBMA the retail lumber and building material dealers of Virginia would feel still more of the interference of local, state and national government, which frequently regulates without regard for reality or concern for the individual. The VBMA is there to guide and assist. For what an association such as the VBMA can accomplish, no individual, no matter how large or successful his company, could possibly do so well alone. Without an association setting goals to which the members can voluntarily aspire, the building material industry of Virginia could not have progressed so far, so rapidly as they have done.

Members Receive These ... VBMA - Services

STATE

1. Information and action on State Regulations.
2. Continuous campaign to retain workable Lien Law.
3. Conducts cost and wage surveys.
4. Growing reference library of dealer information.
5. Has informative, periodic Newsletters and Bulletins.
6. Provides a balanced retirement and investment program.
7. Provides Workmen's Compensation Savings Plan.
8. Information on latest distribution methods.
9. Provides products and merchandising ideas at annual Convention-exhibits and business sessions.
10. Provides format for sharing ideas with other dealers.
11. Assists dealers on special problems.
12. Helps dealers with State regulatory problems.
13. Will provide speakers and material for local programs.
14. Provides educational programs on estimating financial management, yard layout and other major areas.
15. Has Federated group insurance program for you, your employees and dependents.
16. Will attend or conduct local dealer meetings on request.
17. Provides varied services in collection plan and plan books and merchandising fields.
18. Savings plan in purchasing of business forms.
19. Provides membership plaques and insignias for window and trucks.

tell the Virginia Story

20. Provides Membership Service Roster and Buyer's Guide.
21. Provides monthly tax calendar service.
22. Provides Positions—Wanted & Available Service.
23. Provides Materials For Sale & Wanted Service.
24. Provides Mat Advertising Service.
25. Provides Small Business Tax Tips Service.

NATIONAL

1. NLBMDA helped foster Title 1 program; helped increase term to five years, \$3500 limit.
2. Helped to accomplish elimination of freight tax, reduction in freight rates, and opposed increase in demurrage rates.
3. Developed "bible" on dealer status under Wage-Hour Law. Provides counsel on dealer problems under this law.
4. Works closely with Federal Housing Administration and other government agencies effecting industry.
5. Fostered "See Your Lumber Dealer First" in national advertising.
6. Builds dealer identity with National Exposition.
7. National Publicity Releases at local levels.
8. Works with other construction industry segments to improve status of dealers.
9. Publishes National News Letter.
10. Publishes labor information and counsel.
11. Has staff source for help on individual problems.
12. Educational clinics at exposition.
13. YOUR VBMA DUES AUTOMATICALLY MAKES YOU A MEMBER OF THE NATIONAL ASSOCIATION. ▲

VBMA Dealers (from page 55)

Newman Building & Material Corp.,
Timberville
New River Lumber Co., Narrows
Norfolk Sash & Door Co., Norfolk
R. T. Norris Building Supplies,
Newport News
Northampton Lumber Co., Inc.,
Nassawadox
Northern Counties Supply Co., Upperville
Oates Lumber Yard, Winchester
Overstreet-Smith Lumber Co., Bedford
O. E. Parker & Co., Inc., Covington
W. F. Paulett & Son, Inc., Scottsville
Peninsula Supply Co., Inc., Newport News
Pentagon Lumber Co., Arlington
Portsmouth Lumber Corp., Portsmouth
Powell Mfg. Co., Petersburg
Powell-McClellan Lumber Co., Norfolk
Pulaski Building Supplies, Inc., Pulaski
Purcellville Lumber Co., Purcellville
Risco, Inc., Alexandria
Riverside Block & Supply Co., Tazewell
Riverside Building Supply Corp., Danville
Robson Construction Co., Culpeper

Roper Brothers Lumber Co., Inc.,
Petersburg
John W. Rosenberger & Co., Inc.,
Winchester
Ruffin & Payne, Inc., Richmond
J. E. Sears & Co., Inc., Appomattox
H. B. Sedwick, Jr., Building Supply Co.,
Orange
R. F. Slaughter Lumber Corp., Hampton
Smyth Home Construction Co., Marion
Southern Brick & Supply Co., Richmond
South Roanoke Lumber Co., Roanoke
Suffolk Lumber Co., Inc., Suffolk
Supply Service, Inc., Lee Hall-
Newport News
Aubrey G. Sweet, Inc., Portsmouth
Tappahannock Building Supply Co.,
Tappahannock
A. E. Tate Lumber Co., Inc., Richmond
Taylor Brothers, Inc., Lynchburg
Townsend, Melton, Sanders Bldrs. Supply
Corp., Richmond
R. F. Trant Distributing Corp., Norfolk
Valley Builders Supply Co., Woodstock
Valley Lumber Corp., Roanoke
Vance Supply Co., Inc., Abingdon
Vansant Lumber & Supply Co., Vansant
Walton & Wood, Pendleton
Waterfront Lumber Co., Inc.,
Newport News
Weaver Brothers, Inc., Newport News
W. B. F. White & Sons, Richlands
Whitehurst-Blassingame Corp., Norfolk
John E. Wool Lumber Co., Norfolk
York Supply Co., West Point
Edgar M. Young, Fredericksburg

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Addington-Beaman Lumber Co., Inc.,
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Armstrong Cork Co., Lancaster, Pa.
Art Plate Glass & Mirror Corp. of
Washington, Washington, D. C.
Artic Roofings, Inc., Wilmington, Del.
Associated Lumber Dealers Advertising
Agency, Inc., Indianapolis, Ind.
Barnette Sales Co., Charlotte, N. C.
The George F. Becker Co., Jessup, Md.
Binswanger Glass Co., Richmond
Bird & Son, Inc., Perth Amboy, N. J.
Blue Ridge Talc Co., Inc., Bassett
Brick & Tile Corp. of Lawrenceville,
Lawrenceville
Bristol Concrete Products Corp., Bristol
Philip R. Brooks, Lone Star Cement Corp.,
Richmond
Harry T. Campbell Sons' Corp., Towson,
Md.
The Philip Carey Manufacturing Co.,
Beltsville, Md.
The Celotex Corp., Philadelphia, Pa.
Central Lumber Service, Inc., Petersburg
Central Warehouse Corp., Bristol

(Please turn to page 59)

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BMA Associate Members

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 Dealer Service, Inc., Newport News
 Diamond Hill Plywood Co., Inc., Richmond
 Dixie Lumber Co., Inc., Hagerstown, Md.
 Dixie Millwork Co., Inc., Hagerstown, Md.
 Dixie Plywood Co., Inc., Washington, D. C.

MARTIN TILE & MARBLE CO., INC.

- CERAMIC TILE
- MARBLE
- TERRAZZO

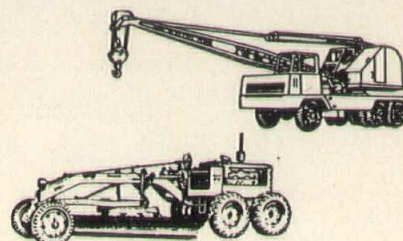
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 The Donley Brothers Co., Cleveland, Ohio
 William D. Eisenhower, Upper Marlboro,
 Md.
 L. R. Foreman & Sons Lumber Co.,
 Elizabeth City, N. C.
 Georgia-Pacific Corp., Richmond
 The Hanna Paint Manufacturing Co.,
 Columbus, Ohio
 The Harbor Sales Co., Inc., Baltimore, Md.
 Harris Hardwood Co., Inc., Roanoke
 Holston Builders Supply, Kingsport, Tenn.
 Homasote Co., Trenton, N. J.
 J. B. & C. A. Hutter Corp., Lynchburg
 Huttig Sash & Door Co., Roanoke
 Johnson & Wimsatt, Inc., Springfield
 Lee Clay Products Co., Inc., Clearfield, Ky.
 Lightweight Block Co., Inc., Roanoke
 Locher Brick Co., Inc., Glasgow
 Lumber Sales Corp., Richmond
 McEwen Lumber Co., Richmond
 McPherson Blair Associates, Inc., Staunton
 The Mann & Parker Lumber Co.,
 Baltimore, Md.
 Marsh Wall Products, Dover, Ohio
 Masonite Corp., Chicago, Ill.
 The Meadow River Lumber Co.,
 Rainelle, W. Va.
 M. W. Distributors, Rocky Mount
 A. G. Moore & Co., Inc., Norfolk
 Morgan Millwork Co., Baltimore, Md.
 National Plan Service, Chicago, Ill.
 Ohio Lime Co., Woodville, Ohio
 Old Virginia Brick Co., Inc., Salem
 Pennsylvania Lumbermens Mutual Ins. Co.,
 Philadelphia, Pa.
 Pittsburgh Plate Glass Co., Richmond
 P. W. Plumly Lumber Corp., Winchester
 Pomona Pipe Products Corps. Division (Pine
 Hall-Pomona Corp.) Greensboro, N. C.
 Rawles-Aden Lumber Corp., Petersburg
 Retail Services Co., Dallas, Texas
 Richmond Block, Inc., Richmond
 Roanoke Rock Wool Manufacturing Co.,
 Inc., Roanoke
 Roanoke Sash & Door Co., Inc., Roanoke
 Ruberoid Co., Baltimore, Md.
 Sampson Paint Manufacturing Co., Inc.,
 Richmond
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nn E. Moncure School

(Continued from page 29)

at only a half-flight of stairs gave em access to all parts of the school.

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ned with individual room air-con-
tioning units and its three dimension-
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r-conditioned plant that cost no more
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d ventilated only, and eat up oper-
ing and maintenance dollars at a fast-
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th the system for individual room
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rtitions that allow quick and easy op-
ation by one person at the flip of a
ank gives the faculty full flexibility
classroom use for team teaching, edu-
tional TV viewing and other group
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Thus, a very flexible up-to-date
hool was built in less than a year at
very reasonable cost. The building
self, including kitchen equipment, cov-
ed walkways and its building equip-
ent, less the actual classroom desks,
ats and pupil and teacher wardrobes,
as priced at \$12.54 per square foot.
he total cost: including site work, the
hool was built for \$580,810.00 under
ederal Wage Rates. Its sister school
ow under construction is being built
r \$6,000.00 less. Plans are presently
nder way to build two more schools,
n an expanded basis of 32 classrooms
ousing 900 students, from the original
esign that provided expansion from
00 to 900 students. The decision to
roceed with the third and fourth
hools of this prototype was made after
careful evaluation of the Moncure
chool now in use for a full semester.

The reader may rightly conclude that
esigning against obsolescence does not
ave to cost any more than designs for
e schools that have gone before. A
cility's cost is kept down by carefully
anning and integrating each of its
omponents to complement each of its
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WALNUT MALL SHOPPING CENTER — PETERSBURG

(Continued from page 31)

parate parcel pick-up areas, through-traffic driveways, exit back-up lanes, numerous entrances and exits onto all adjoining public roads and extra wide parking stalls and maneuvering drives have been taken to prevent traffic problems. Lighting is of the latest mercury-

vapor type distributed to provide a high level of illumination throughout. Public bus routes are provided through the Center with covered waiting areas for weather protection.

It is the intent of the owners to provide a model shopping center which will accommodate an extensive range of community shopping needs and

which will represent a new luxurious retail and personal service facility.

Brundage, Cohen and Holton, AIA, of Norfolk were the architects for the Center which was developed and is owned by Alsage Properties, Inc. of Petersburg. The entire Center has been constructed by John W. Daniel and Co., Inc., General Contractors, of Danville.



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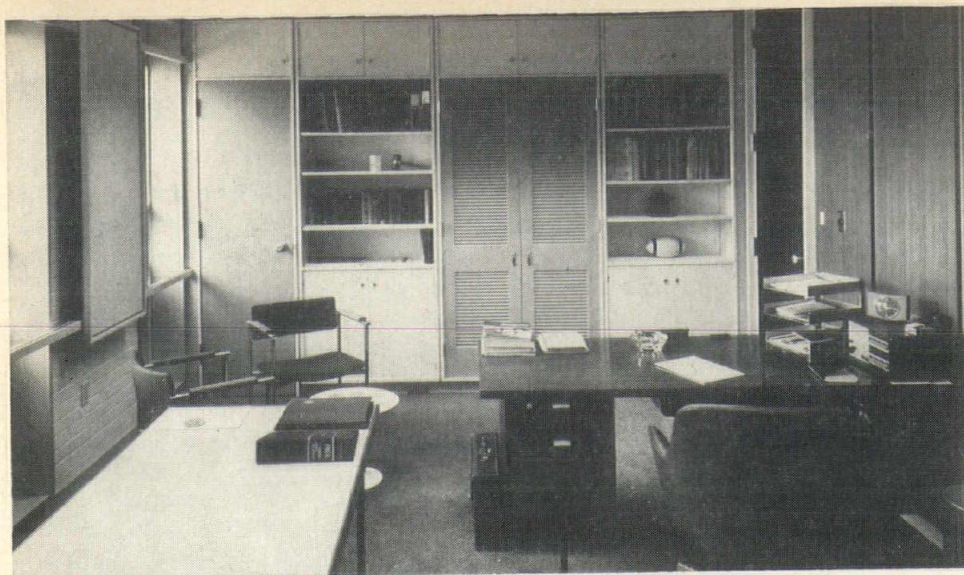
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Vansant & Gusler Office Building

(Continued from page 43)

carefully co-ordinated variety in the interior scheme. The lighting is extremely well planned and blends with and enhances the overall decorating scheme.

Heating and cooling equipment is located in a utility space in the corner of the building adjacent to the vault and reference area. A split system of ductwork supplies an airson ceiling in the office area and conventional diffusers in the other spaces. The airson system, combined with insulated interior partitions and carpeted space results in an unusually quiet operation.

Virginia Tractor Co.

(Continued from page 44)

The main office area is heated with conventional gas-fired units and cooled with electrical air-conditioning, a ducted. The shop is heated with gas fired infra-red space heating units. The Parts Department is heated with gas fired space-heaters supplemented by infra-red units mounted near large overhead doors.

Chain-link fence, parking areas, unloading ramps and landscaping were completed within the general contract. Space for customers' and employees' parking has been provided on the site. The metal exterior is blue with white trim and the brick on the facade is pink. Color was used extensively to add cheer to an otherwise utilitarian building.

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(Continued from page 9)



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Born in Richmond, on March 6, 1939, Salomonsky graduated from the University of Virginia in 1962 with a Bachelor of Architecture Degree. He came an Associate in the architectural firm of Tiffany H. Armstrong in 1965 and the partnership of Armstrong Salomonsky was formed in 1966.



ALFRED GARLAND WILTSHIRE
Born in Lynchburg, on July 24, 1921, Wiltshire attended the University of Richmond and then transferred to the University of Virginia where he received a B.S. Degree in Architecture in 1947. He opened his own office at 102 Patterson Avenue, Richmond, in 1966.

(See pages 67 & 69 for more news.)

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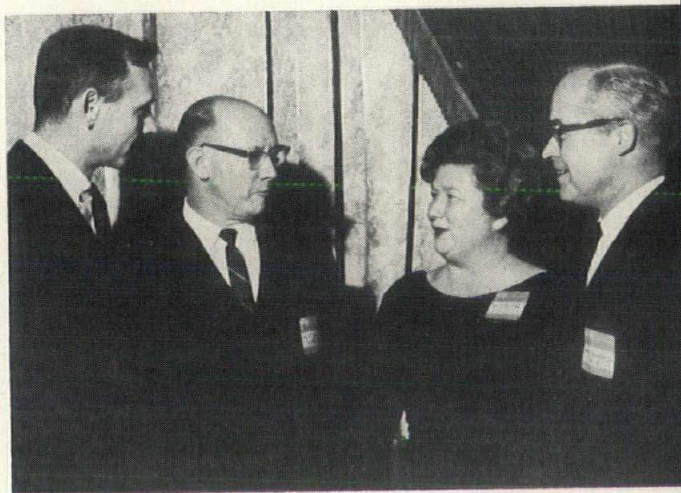
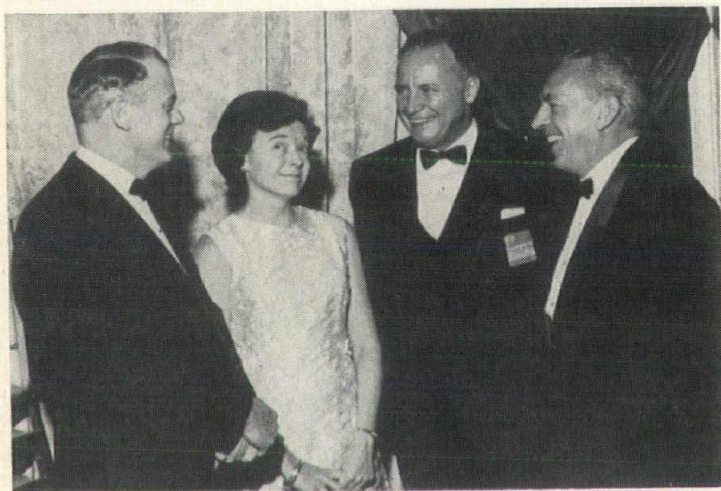
342-3471



Virginia Association of Professions Annual Meeting



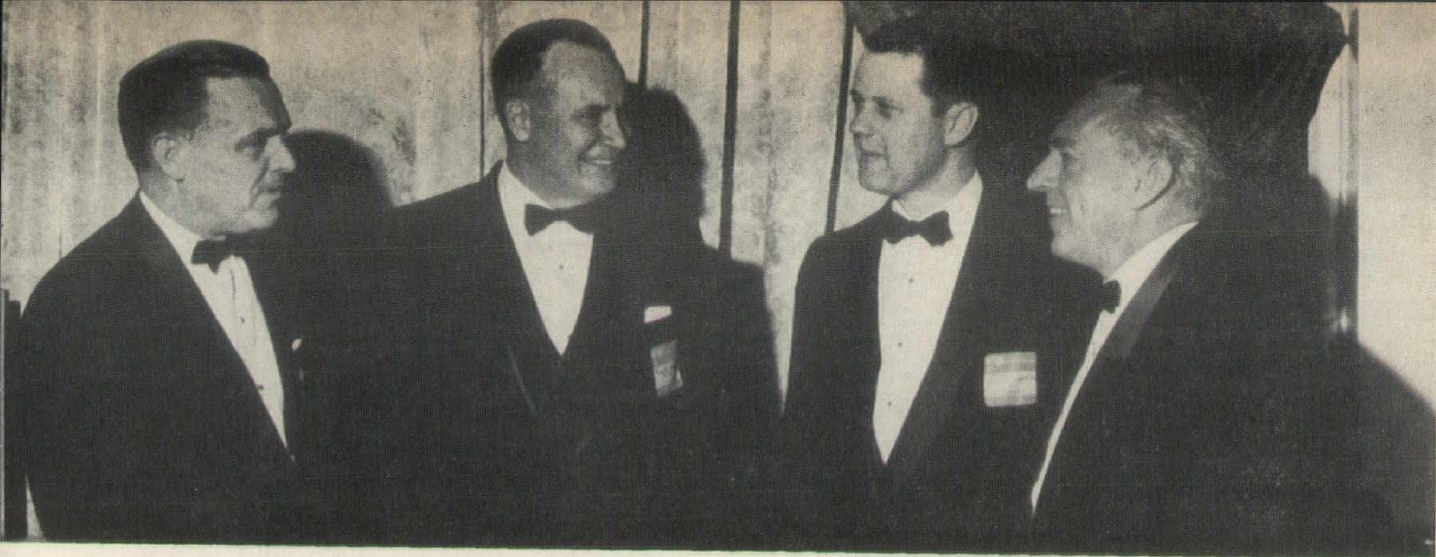
The second annual meeting of the Virginia Association of Professions was held at the John Marshall Hotel in Richmond on December 9 and 10. The group now has state association and individual members from the Medical Society of Virginia, The Virginia State Dental Association, Virginia Society of Professional Engineers, Virginia Pharmaceutical Association, Virginia Veterinary Medical Association, Virginia Society of Certified Public Accountants, Virginia Chapter of the American Institute of Architects plus individual members from the Virginia Bar Association.



Above left, Dr. Dana B. Hamel, Director of the Department of Community Colleges, was the featured speaker at the annual dinner. He is shown here with, left to right, VAP President and Mrs. I. Russell Berkness V.S.P.E. and Hugh W. Brennaman, Executive Director of the Michigan Association of Professions. Next are Dr. O. T. Graham, M.S.V., V.S.CPA.; President and Mrs. William A. Old and V.P.A. President Howard R. Keister, Jr.



Above left, Mr. and Mrs. Alexander Wellford, V.B.A. and Dr. and Mrs. Hume Powell, V.S.D.A., and in the right hand photo V.P.A. President Carl E. Bain; V.S.P.E. President and Mrs. John W. McNair and V.V.M.A. President Dr. Kent Roberts.



NEW OFFICERS FOR VIRGINIA ASSOCIATION OF PROFESSIONS

Left to right are the new President, Richard N. Anderson, Jr., A.I.A.; retiring President I. Russell Berkness, V.S.P.E.; new vice-president Robert O. Hudgens, M.S.V. and Hugh W. Brennaman, President of the American Association of Professions, who was a guest speaker during the annual meeting of the Virginia group in December.

• • • Codella Heads Department of Professional Services, AIA • • •

FRANK L. CODELLA AIA, an associate partner in the architectural and engineering firm of A. M. Kinney Associates, Cincinnati, Ohio, has been appointed administrator of the Department of Professional Services of The American Institute of Architects, effective February 6, 1967.

William H. Scheick FAIA, executive rector of the 19,000-member national professional society, announced Codella's appointment. Codella, 40, in private practice since his graduation from Cornell University in 1949, succeeds Robert J. Piper AIA, who resigned to become coordinator of client services for the Perkins and Will Partnership in Chicago.

At the time Codella accepted the AIA appointment, he was architectural project manager for A. M. Kinney Associates on two major jobs: the \$14 million chemistry and biology research center for the University of Cincinnati and a \$6.6 million graduate research

center for biological sciences at Ohio State University.

The new AIA administrator joined the Kinney firm in 1965 after 14 years as an associate and project manager in the Clifton, N.J., architectural firm of Arthur Rigolo FAIA. During that time he was involved with the design and supervision of schools, churches, college buildings and industrial and residential buildings.

He began his career as a draftsman with John C. Ehrlich AIA, Geneva, N.Y., after receiving his Bachelor of Architecture degree from Cornell. By 1951, when he joined the Rigolo firm, he had become a designer and supervisor for Ehrlich.

"In a time of unprecedented change in the building industry and in the architectural profession," Scheick said, "the AIA is especially fortunate to find a man of Codella's wide experience and intellectual breadth to direct the Institute's numerous programs in practice, education and research. He has

demonstrated a long-time interest in both architectural and public education, both of which are receiving increased attention by the Institute."

Codella's experience embraces complete architectural services, including: client contacts and conferences, design program requirements, site utilization, cost estimates, preliminary planning and design with structural and mechanical coordination, outline and complete specifications, supervision of draftsmen for built-in equipment specifications and layout, and color selection for all materials, including furnishings.

On his own, he has conducted research in acoustics control; pre-cast, pre-stressed concrete for economical framing systems; layout and design standards for new approaches for supermarkets; architectural office practices and procedures, including maximum use of personnel, and fall-out shelters. He has authored reports on these subjects.

He is a licensed architect in Ohio, New York and New Jersey.

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Three Associates Join Norfolk Architectural Firm

WILLIAMS AND TAZEWELL & Associates, Norfolk architects, have announced that John Paul Hanbury, James F. Pucher and William M. Wilshire, Jr. have been admitted to the firm as partners in the practice of architecture and interior design.

Hanbury received his B.S. degree in architecture from the University of Virginia, where he was a recipient of intermediate honors, a member of the American Institute of Architects and the Rayen Society. He is married to the former Margaret Randall Cornthwaite of Wilmington, Delaware. The Hanburys and their three daughters live at Swimming Point, Portsmouth.

Pucher received his degree in architecture from the Technical University of Budapest, Hungary. Before coming to the United States with his wife in 1957, he was associated with the city planning office in Veszpre, Hungary. The Puchers live on Newport Avenue, Norfolk.

Wilshire, a native of Greenwich, Connecticut has lived in this area seven years. He received his Bachelor of Architecture degree from Princeton in 1957. Wilshire is married to the former Anne Monroe Rigsbee of Durham, North Carolina. They, with their son and two daughters, live on Surfside Avenue, Virginia Beach.

The three new partners will join the firm's principals, James L. Williams, Jr. and E. Bradford Tazewell, Jr., who have been practicing architecture together since 1953.

The firm is working with Skidmore, Owings & Merrill of New York, to complete the new Virginia National Bank Building in downtown Norfolk. Plans are now underway for the design of the new Cultural and Convention Center in Norfolk with Italian architect Pier Nervi.

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"Why Should the Spirit of Mortal Be Proud?"

(Continued from page 5)

Federal spending and controls may prove to be a blessing in disguise. It is possible, if Reagan may be counted as an illustration, that the failure of and disbelief in Mr. Johnson's programs may halt the trend away from any involvement of the human spirit in its own condition.

It is not that we do not all stand in the need of help. Most of us receive help in tangible and intangible forms, from our environment. There are, regrettably, individuals and segments of the population who receive too few of the intangible helps from their environments—especially the helps of affirmation. Money alone to these people does not relieve their condition; it is only a palliative, and a palliative which can as it often has—become a way of life. It is one of the subtlest addictions of our time, because it erodes the spirit. To say that help should be offered in ways to *force* the receivers to help themselves is nothing so simple as to force the receivers of money to provide some services for it: that, except for those manifestly incapable of providing services, should go without saying. But, beyond the requirements to make the giving and receiving of help a two-way street, the *opportunity* to provide services, should be offered in such a way that the human spirit becomes affirmatively involved in its own condition.

When the incredible courage and nobility of spirit—the sheer will to affirm the spirit—is observed in one, or

(Please turn the page)



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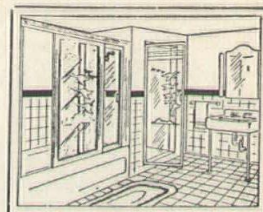
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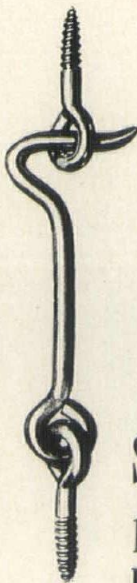
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(Continued from page 71)

ose, confronting the ultimate reali-
s of life itself, there is an awesome
pression of the reservoirs of strength
the mortal spirit which are all too
en not drawn upon. Out of this per-
nal experience, I can not but feel that
e drift of the past thirty years has
adually tended to make us all forget-
of the resources within ourselves
ich, generally dormant, are there to
pond to a call upon them. The late
resident Kennedy uttered the often
oted line, "Ask not what your coun-
can do for you, but what you can
for your country." This was a fine,
etic line in the Lincoln-esque sense
high-sounding generality. Addressed
an already apathetic people, to
om "country" had come to mean a
ntialized State of bottomless bounty—
perpetual caretaker—it could not pos-
sibly have any meaning. The call must
be "what can you do for yourself in
firmation of your own spirit?"
Only by this ultimate affirmation of
ividuals will we "do" anything for
e country. For the country is only a
mposite of individuals and, as the
tional will to affirmation is decreased
each spirit-less person, so each per-
son who learns to affirm in confronting
own human condition by that much
engthens the sagging national spirit
ich has grown flabby from too much
plitude. We should not have to wait
the ultimate test of life and death
be aware, each day of life, of the
ntless aspects of amplitude, of com-
t and security, of freedom from
xiety and alienation, which constitute
mass of trivial details and escapes
en measured in the ultimates im-
cit in the journey of life.

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A. Churchill Young, III, Elected to Young Presidents' Organization

A. CHURCHILL YOUNG, III, President of The E. M. Todd Co., Inc., Richmond, (Curers & Packers—old Virginia hams, bacon, bacon-squares & picnic shoulders) has been elected to the Young Presidents' Organization (YPO), an educational association with an international membership of 2,100 young, successful chief executives who have become presidents of sizable companies before the age of 40.

YPO was founded in 1950 to further friendships among young chief executives, and thus provide opportunities to exchange ideas on mutual business problems, and create an educational en-

vironment to help the members become better presidents and better men.

Members represent more than 30 countries. Chapters are located throughout the free world in Canada, Europe, Japan, Mexico and the Caribbean, with 35 in the United States.

The typical company has 200 employees and grosses \$5 million in business annually. Companies headed by Young Presidents employ up to 70,000 persons. Annual sales range from the minimum of \$1 million to more than \$300 million. Companies are equally divided among those in which the stock is family owned, closely held and publicly owned. Young Presidents are retired from YPO at age 49.

Educational activities include seminars at leading graduate business schools, special seminars and conferences throughout the world, and the annual international University for Presidents.

Doyle & Russell, Inc. Lists Promotions

Sidney W. Galloway has been promoted to chairman of the board of Doyle & Russell, Inc., Richmond construction firm. Succeeding Mr. Galloway as the firm's president is Thomas H. Scanlon of Pittsburgh and A. Royall Turpin, a native Richmonder, was named vice president in charge of construction.

Founded in 1925, the firm operated as a partnership until 1962 when it was

bought by Rust Engineering Company of Pittsburgh and it now operates a subsidiary of that company.

Virginians Staff New Travel Information Center in New York

The staff for Virginia's new travel information office in New York has been announced by J. Stuart White, Commissioner, State Division of Public Relations and Advertising.

Travel Director will be Miss Mary L. Shelton of Arlington, presently with Eastern Air Lines. A Richmond native, Miss Shelton has been with Eastern since 1953.

Travel Counselors will be: Mrs. Gordon W. Jones, native of Texas, who has a home in Nansemond county; Mrs. Elizabeth Mc. Mathewson of Richmond, a former Virginia Museum employee and Miss Ellen L. Rennolds, William and Mary graduate currently with a trust company in New York.

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The Highway Department peaks on Snow Removal

Virginia's highway crews follow an established, time-tested plan of clearing the most heavily traveled roads first when winter snow and ice storms occur.

This means that top priority goes to the interstate, arterial and other busy primary and a few major secondary routes, with a goal of providing safe travel without snow or chains as quickly as possible.

Other primary roads and the rest of the state secondary system receive attention as soon as manpower and equipment can be transferred from the main highways, with emphasis on school bus routes.

Many factors control the time it takes—depth of the snow, obviously, but also the type of snow. It takes longer, for example, to clear a wet snow than a dry one. If winds

are high, snow may drift. Sharp temperature drops require repeated treatment of freezing spots with chemicals and abrasives. Progress could be delayed by an abnormal amount of equipment breakdown, although careful advance checks and maintenance are designed to keep this problem at a minimum.

The objective is to open and clear the State's 50,000 miles of highways as quickly as possible—and this usually means many extra work hours for the 6,000 Highway Department employes involved in the snow fight during a State-wide storm.

Field engineers' comments on snow removal operations include:

* Travel—It should be limited to an absolute minimum during snow or ice storms. If travel is essential, vehicles should be equipped with snow tires or chains, as the condition requires. Motorists traveling unnecessarily endanger themselves and others,

and hamper snow removal efforts.

* Road condition reports—The best way to learn about them is to listen to radio and television stations, and read the latest newspapers. Highway Department offices supply news media in their areas across Virginia with up-to-date local reports, and the Department's offices in Richmond supply State-wide reports.

* Emergencies—If help is needed, residents should call local or state police, an emergency rescue unit or a doctor. They, in turn, will contact highway crews if assistance is needed in plowing a road earlier than scheduled. Genuine emergencies should exist before anyone is called. Hoaxes and false alarms draw road-clearing forces away from where they are needed critically. Families should also know the route number of the road on which they live—and all State roads are designated numerically—so that actual emergency requests can be handled promptly.

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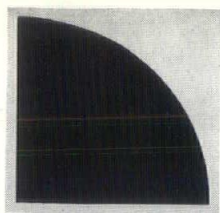
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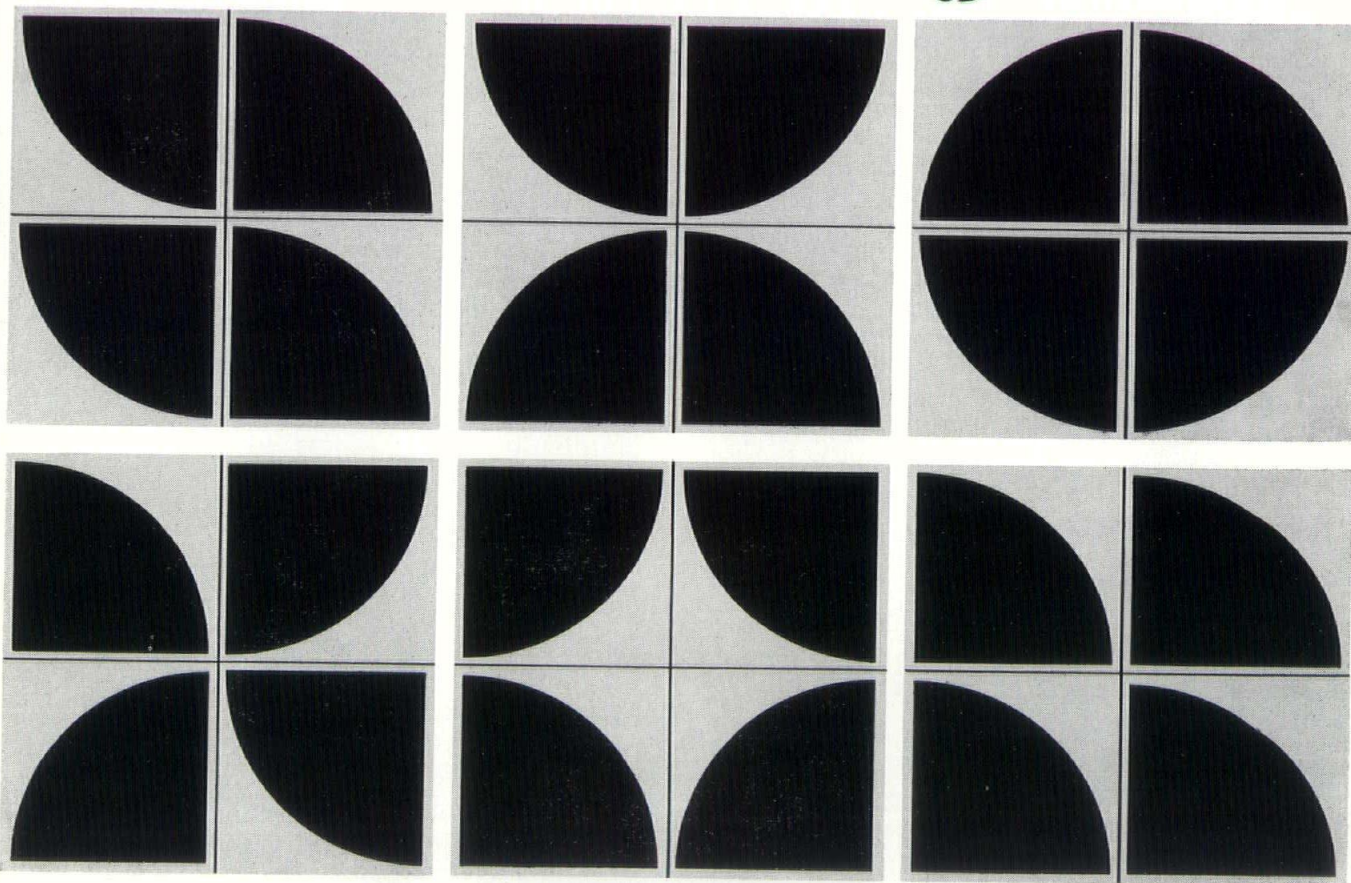
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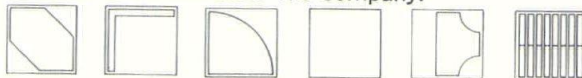
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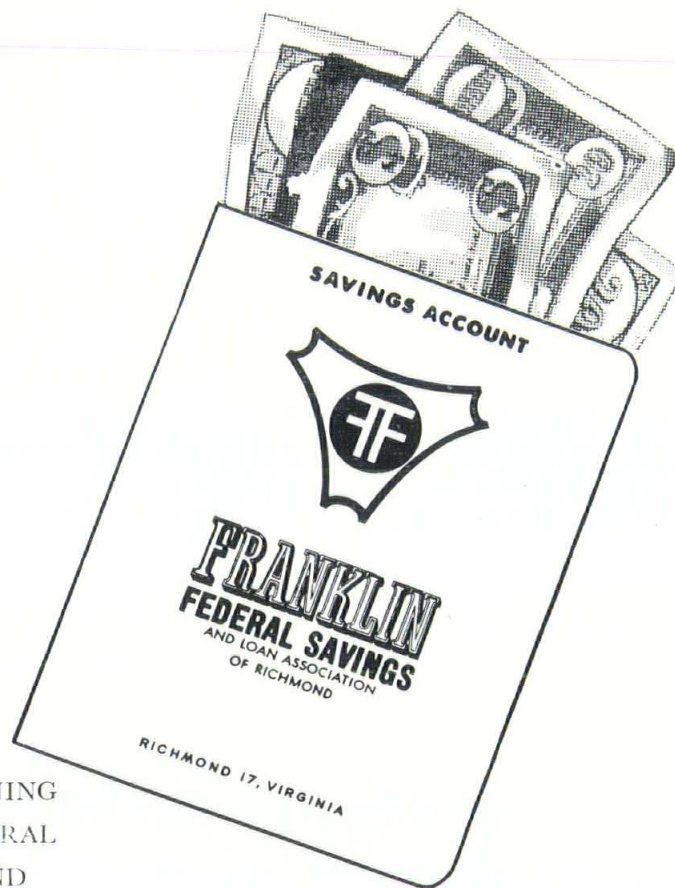
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