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Special Feature: Virginia Building Material Association

FEBRUARY 1967
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Monticello Ave. at Olney Rd. Downtown Norfolk, Virginia  Telephone: 703 627-5555  Teletype: 703 625-8353
“Why Should the Spirit of Mortal Be Proud?”

There is a saying from somewhere that goes, “Why should the spirit 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 usage which is instinct in the human spirit when called upon to face ultimate confrontation that dwindles into insignificance the details over which we usually fret and worry.

In sharing this experience of another, I look at passing events from the point of view of acceptance 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 ultimate human relations, 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 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—most of which were designed to discover where to place responsibility.

What Reagan seems to have arrived at is that the whole problem of Watts—has 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.

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 at least passing events from the loss 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 man kind. My attention has grown united.

One item on the editorial page that held my attention was an account in Jnate test is in facing the dread disease cancer and I am a witness to the usage which is instinct in the human spirit when called upon to face ultimate confrontation that dwindles into insignificance the details over which we usually fret and worry.

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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 Starnick and Scribner in Charlottesville until 1965 when he formed the firm of Baughan and Baukhaes in Luray. He has been a Professional Associate Member of the Virginia Chapter, AIA since October 14, 1965.

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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 Yarbrough and Boggs, Architects of Portsmouth in June 1962, and became a partner 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 presently with James H. Gould, Architect in Richmond.

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GRADY P. GREGORY, JR.
Born May 31, 1930 in Roanoke, he 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 Insey, Motley and Shane, Architects-Engineers in Salem.

JOHN LYNWOOD MOURING, JR.
Born June 5, 1931 in Newport News, he graduated from V. P. I. in 1960 with a Bachelor of Architecture Degree. Mouring is a recipient of the AIA 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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VIRGINIA BEACH, VIRGINIA
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 business; 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."
of the importance of the function of the 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, therefore, is not merely an obligation—although it is that, too. Rather, it is an opportunity to enrich and improve the industry 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 a 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 organization 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 a 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-paying members of the Association. The executive director of the VBMA, who serves as its corporate secretary and register 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 and on principle.
He must be a skilled administrator 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 governmental matters.

The members of the Virginia Building Material Association generally regard their Association as the most effective weapon in the battle against 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 thirteen years of experience in the building material industry.

He joined Mrs. Lucille Keller, who served the Association diligently for her 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 reorganizational 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 instigated 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 eligible 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 CHART
For the
VIRGINIA BUILDING MATERIAL ASSOCIATION

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Frank W. Kellam

Treasurer
Thomas L. Ruffin

Secy.-Exec. Dir.
James F. Duckhardt

Immediate
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Claude A. Hodges

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I. Holland

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Advisory Board of Past Presidents
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 southeastern 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 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 foreign languages. Latin, German, Russian, Spanish and French are all available in the curriculum. Classical Greek is 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 and adjacent and convenient offices and conference areas for teacher-student contact.

The center of the campus complex is cupped by the Library with its glass walls expanding its command. On axis with the Library and in the center of the complex is the amphitheater 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 facades of the buildings and covered walks. Natural 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 dressed 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 owing in the 1967 School Building Architectural Exhibit at Atlantic City February.

SUBCONTRACTORS AND SUPPLIERS:


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. J. Dreter, Inc., Raleigh, N. C., gym floors; Pibrico Sales & Service Co., Richmond, incinerator; Gullie Steel; Virginia Beach, joints, and Pvc-Peter Co., fire extinguishers.
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 concrete. The curtain wall consists of fixed bronze-tinted glass and glass spandrels 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

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General Contractor

Subcontractors & Suppliers

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

KINNEY 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

HOECKEY 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

AINBOW 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

tell the Virginia Story
"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 become "L" shaped in closing the "Y" and creating a new interior court. This afforded a circular pattern of movement around the courts 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 wall 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 were conventional and economical, as 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 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.

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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 reapportionment 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.
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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.

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

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

Borden
BRICK AND TILE CO.

GOLDSBORO DURHAM SANFORD
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 Magazine, "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 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 position, 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 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 35 persons and a sacristy with a 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.

Subcontractors & Suppliers
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 bearing 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)
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-
ended to create an environment based upon customer safety and comfort.

Thalhimers 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)

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 buck, 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 Parkham, 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., Lichburg, 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.
A 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 entirely 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

A hexagon-shaped central facility with two wings of forty-beds each radiating from it is the first stage of Faithaid 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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MASONRY CLEANER

FEBRUARY 1967
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, adequate 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, lounge, 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 acoustic tile and plaster.

The entire facility is air-conditioned.
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Write today for a copy of “USS ULTIMET Stainless Steel Wall Framing.” Or contact a USS Architectural Products Representative through your nearest USS Construction Marketing or Sales Office. USS and ULTIMET are trademarks.
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 classrooms, 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 the building.

**Consulting Engineers:**

VANSANT & GUSLER
Mechanical & Electrical

FRAIOLI-BLUM-YESSELMAN
Structural

HASSELL & FOLKES
Site Work

**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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Strong and durable, concrete stays level. With new engineering designs, concrete pavement can be built to last 50 years and more. Naturally, upkeep costs stay low—as much as 60% lower than for asphalt. No wonder more and more highways of all classes are being constructed today of modern concrete.
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 conditioning, 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. Exposed 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 facia overhang. Courts have heavily-mulched planting beds with small stones in the center. Sull-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 on 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, prestressed 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.
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 abuts 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 identifiable 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, sillsings, 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 supply 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 & hucks 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. Dooly 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 fixtures; Ray E. Winter, Arlington, electrical work; Joseph Helfin & 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.
Architects Perkins and Will achieve an awe-inspiring architectural effect with the use of BUCKINGHAM® SLATE PANELS from Virginia on the magnificent United States Gypsum Building. The natural character of the multi-million year old slate panels reflect the beauties and wonders of this earth while the structure, a marvel of modern building technology, soars into space above Chicago. Like brush strokes across an artist's canvas, the natural cleft texture of the BUCKINGHAM® SLATE adds dimension and humanistic feeling to the whole city area and the building becomes a timeless work of art. Catalogs on BUCKINGHAM® SLATE panels, flooring and roofing in Sweet’s and Stone Catalogs. Listed in AIA Building Products Register.

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The program for the Gloria Dei Lutheran Church, Alexandria, called for a worship space to seat 177 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-sawn 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.
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 hence 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)

Subcontractors & Suppliers

- FRAIOLI-BLUM-VESSELMAN
  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
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VIRGINIA TRACTOR COMPANY

G. LEWIS CRAIG — Architect, Interior Designer

M. LYMAN JOHNSON
Consulting Engineer,
Heating, Air Conditioning & Structural

M. E. HUMPHRIES
General Contractor

SUBCONTRACTORS & SUPPLIERS

SUBCONTRACTORS & SUPPLIERS

The new Fishersville branch for the Virginia Tractor Company of Richmond was completed in 1966. It is located south on State Route #250 and 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 of conventional masonry and bar-joist construction. The concrete floors in the Shop are waffle-type construction to accommodate the heavy loads and have 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)
A Bit of Elizabethan England is Re-created at the Site of the Lost Colony

MANTEO MOTEL ADDITION

PENTECOST, WADE & McLELLON Architects

JOSEPH K. FRY, Partner-in-charge

VANSANT & GUSLER Consulting Engineers, Electrical

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 sedge green to resemble weather-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, an 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 Caso Creef, Manteo, N. C. and heating by W. M. Jolliff, also of Manteo.
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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FALLS CHURCH, VIRGINIA
The new Military Air Science Building now under construction at Virginia Military Institute is due to be completed in December of 1967.

Situated between the athletic field and the existing Air Science facility, this building is designed in a more contemporary style than the traditional "Military Gothic" so familiar in other buildings at the Institute but still retains a predominantly stucco exterior with stone trim.

Named in honor of a famous military figure and graduate of VMI, "Kilbourne Hall" is a three-story structure containing all facilities necessary for the required programs.

The ground floor contains military supply storage, a large indoor training area for instruction and operating procedure of various pieces of military equipment and a fully equipped twenty-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.

Subcontractors and Suppliers

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Commercial and Industrial Construction

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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.

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.

G. 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.
For a number of months last year, Mr. Duckhardt met with another group, representing various facets of the building industry, to improve and update 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 VMBA 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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PEN ARGYLM, PENNSYLVANIA
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 BMA 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. This provides the members with an instant source of supply for most 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 any other items the Association prints for promotional and public relations purposes. He tells me this a very fascinating part of his work.

The largest single function of Mr. Duckhardt is planning, promoting and running 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 veritable warehouse of product information and knowledge. The dealers can view new products and witness demonstrations as to their uses and applications. They learn new sales techniques from professional salesmen with a thorough knowledge of their products. 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 dealer the opportunity for fun and the fellowship derived from meeting with others of like interest and problems. There are also interesting ladies' functions.

(Continued on page 55)
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. Brickie (Photo)
Legislative Representative
National Lumber & Building Material Dealers Association, Washington, D. C.
Mr. Brickie 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 Lumbersmen’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
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.
ons which attract many of the dealers' lives.

The details of staging such an event are staggering. Booth sales, program planning, engaging speakers, arranging deals, 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 excel.

In June of every year the Association as 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. His 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 in do and is presently doing to improve their business that all of them could 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-

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 Wooster, 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. Lambert & Bros., White Marsh
Lipscomb Brothers Lumber Co., Mechanicville
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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VIRGINIA RECORD

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MANAGER

PAGE SIXTY
VIRGINIA RECORD
at only a half-flight of stairs gave em access to all parts of the school. Its "all-electric" concept, when combined with individual room air-conditioning units and its three-dimensional compact design, produced a totally re-conditioned plant that cost no more than comparable schools that are heated and ventilated only, and eat up operating and maintenance dollars at a fast rate. Further advantages accrued with the system for individual room control of temperature, eliminating "ping that often leaks with standard "heat" heating systems, and elimination of 65% of normal window sash that is source of heat loss and maintenance problems.

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Thus, a very flexible up-to-date school was built in less than a year at very reasonable cost. The building itself, including kitchen equipment, covered walkways and its building equipment, less the actual classroom desks, chairs and pupil and teacher wardrobes, was priced at $12.54 per square foot. The total cost: including site work, the school was built for $580,810.00 under federal Wage Rates. Its sister school now under construction is being built for $6,000.00 less. Plans are presently under way to build two more schools, an expanded basis of 32 classrooms housing 900 students, from the original design that provided expansion from 60 to 900 students. The decision to proceed with the third and fourth schools of this prototype was made after careful evaluation of the Moncure school now in use for a full semester.

The reader may rightly conclude that designing against obsolescence does not have to cost any more than designs for the schools that have gone before. A facility's cost is kept down by carefully planning and integrating each of its components to complement each of its uses.
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NORFOLK, VIRGINIA
(Continued from page 31)

Separate 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.
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 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, ducted. The shop is heated with gas-fired infra-red space heating units. The Shops 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. Parking 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 pink. Color was used extensively to add cheer to an otherwise utilitarian building.

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HENRY LOUIS SALOMONSKY, JR.
Born in Richmond, on March 6, 1939, Salomonsky graduated from the University of Virginia in 1962 with a Bachelor of Architecture Degree. He became 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.

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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. It is shown here with, left to right, VAP President and Mrs. I. Russell Berkness V.S.P.E. and Hugh W. Brenneman, Executive Director the Michigan Association of Professions. Next are Dr. O. T. Graham, M.S.V., V.S.C.P.A.; President and Mrs. William A. Old and 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. Brennan, 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.


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 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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tell the Virginia Story FEBRUARY 1967 PAGE SIXTY-SEVEN
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 micron Delta Kappa and the Rayen society. He is married to the former 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 Budapest, Hungary. Before coming to the United States with his wife in 1957, he was associated with the city planning office in Veszprem, 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 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, 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 belief 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 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 affirmations. Money alone to these people does not relieve their condition; it is only palliative, and a palliative which can all too often become a way of life. It is one of the subtest 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 slimness of spirit—the sheer will to affirm the spirit—is observed in one, or

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(Continued from page 71)

... confronting the ultimate realities of life itself, there is an awesome expression of the reservoirs of strength in the mortal spirit which are all too often not drawn upon. Out of this personal experience, I can not but feel that a drift of the past thirty years has actually tended to make us all forget... of the resources within ourselves rich, generally dormant, are there to respond to a call upon them. The late president Kennedy uttered the often quoted line, “Ask not what your country can do for you, but what you can do for your country.” This was a fine, etic line in the Lincoln-esque sense high-sounding generality. Addressed to an already apathetic people, to them “country” had come to mean a centralized State of bottomless bounty—perpetual caretaker—it could not possibly have any meaning. The call must be, “what can you do for yourself in affirmation of your own spirit?”

Only by this ultimate affirmation of individuals will we do anything for our country. For the country is only a composite of individuals and, as the national will to affirmation is decreased each spirit-less person, so each person who learns to affirm in confronting our human condition by that much strengthens the sagging national spirit which has grown flabby from too much platitude. We should not have to wait the ultimate test of life and death to be aware, each day of life, of the countless aspects of amplitude, of contact and security, of freedom from anxiety and alienation, which constitute mass of trivial details and escapes that measured in the ultimate import in the journey of life.

...
FOR THE RECORD

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 environment 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 Martha L. Shelton of Arlington, presently with Eastern Airlines. 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; Miss Elizabeth Mc. Mathewson of Richmond, a former Virginia Museum employee and Miss Ellen L. Rennolds, William and Mary graduate current with a trust company in New York.
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 roads, a few major secondary routes, with a gradual emphasis on providing safe travel without snowplows or chains as quickly as possible.

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

Many factors control the time it takes to clear the depth of the snow, obviously, but also the extent 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 employees 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 can often 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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<table>
<thead>
<tr>
<th>Index to Advertisers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>— A —</strong></td>
</tr>
<tr>
<td>ABC Foundry Co.</td>
</tr>
<tr>
<td>Ace Tile &amp; Floor Covering, Inc</td>
</tr>
<tr>
<td>Alden Steel Prod. Co., Inc</td>
</tr>
<tr>
<td>American Steel Equipment Co., Inc</td>
</tr>
<tr>
<td>Andrews Large &amp; Whidden, Inc</td>
</tr>
<tr>
<td>Andrews &amp; Parrish</td>
</tr>
<tr>
<td>Artisan, Inc.</td>
</tr>
<tr>
<td>Asphalt Roads &amp; Materials Co., Inc</td>
</tr>
<tr>
<td>Augusta Steel Corp.</td>
</tr>
<tr>
<td><strong>— B —</strong></td>
</tr>
<tr>
<td>Baker &amp; Company</td>
</tr>
<tr>
<td>Ballard &amp; Associates</td>
</tr>
<tr>
<td>M. P. Barden &amp; Sons, Inc</td>
</tr>
<tr>
<td>Raymond L. Bell</td>
</tr>
<tr>
<td>Berry &amp; Co.</td>
</tr>
<tr>
<td>Bodner &amp; Manuel, Inc.</td>
</tr>
<tr>
<td>Borden Brick &amp; Tile Co.</td>
</tr>
<tr>
<td>Brandt-Dickson Co.</td>
</tr>
<tr>
<td>Bristol Steel &amp; Iron Works, Inc</td>
</tr>
<tr>
<td>Broad Street Window Cleaning Co.</td>
</tr>
<tr>
<td>B. W. Brooks Septic Tank Sales &amp; Service</td>
</tr>
<tr>
<td>Brown &amp; Grist</td>
</tr>
<tr>
<td>Brown-Mooney Bldg. Materials Corp</td>
</tr>
<tr>
<td>Brunswick Lumber Co., Inc</td>
</tr>
<tr>
<td>Bryant &amp; King, Inc.</td>
</tr>
<tr>
<td>Bryant Sheet Metal, Inc.</td>
</tr>
<tr>
<td>Buckingham-Virginia Slate Corp</td>
</tr>
<tr>
<td>Building Supply Co., Inc</td>
</tr>
<tr>
<td>Burgess Bros.</td>
</tr>
<tr>
<td>Burroughs &amp; Preston, Inc</td>
</tr>
<tr>
<td>J. H. Burton &amp; Sons of Hyattsville, Inc...</td>
</tr>
<tr>
<td><strong>— C —</strong></td>
</tr>
<tr>
<td>Caddell Electric Co.</td>
</tr>
<tr>
<td>The Walter E. Campbell Co., Inc</td>
</tr>
<tr>
<td>Cannon Construction Corp</td>
</tr>
<tr>
<td>Carpenter Construction Co., Inc</td>
</tr>
<tr>
<td>Carson Creel</td>
</tr>
<tr>
<td>Carter Painting Co.</td>
</tr>
<tr>
<td>Caskie Paper Co.</td>
</tr>
<tr>
<td>Century Construction Co., Inc</td>
</tr>
<tr>
<td>Chesapeake Masonry Corp</td>
</tr>
<tr>
<td>Cheuvront's Supply Corp</td>
</tr>
<tr>
<td>Clear-Bullock Electrical Co., Inc</td>
</tr>
<tr>
<td>Cooper-Trent</td>
</tr>
<tr>
<td>Corte Construction Co.</td>
</tr>
<tr>
<td>E. E. Cousins, Inc.</td>
</tr>
<tr>
<td>J. W. Creech</td>
</tr>
<tr>
<td>Culpeper Stone Co., Inc</td>
</tr>
<tr>
<td>Cut Rate Window Cleaning Co.</td>
</tr>
<tr>
<td><strong>— D —</strong></td>
</tr>
<tr>
<td>J. C. Daffara Electrical Service</td>
</tr>
<tr>
<td>Danville Electric Co., Inc</td>
</tr>
<tr>
<td><strong>— E —</strong></td>
</tr>
<tr>
<td>B. W. Edwards</td>
</tr>
<tr>
<td>Sam English, Inc</td>
</tr>
<tr>
<td>Epling Construction Co.</td>
</tr>
<tr>
<td>E. C. Ernst, Inc</td>
</tr>
<tr>
<td>J. B. Eurell Co.</td>
</tr>
<tr>
<td><strong>— F —</strong></td>
</tr>
<tr>
<td>Bill Fabry Reproduction &amp; Supply Corp</td>
</tr>
<tr>
<td>Robert H. Feagans Co., Inc</td>
</tr>
<tr>
<td>Fett Roofing Co.</td>
</tr>
<tr>
<td>Horace A. Filer</td>
</tr>
<tr>
<td>Fitzgerald Plumbing &amp; Heating, Inc</td>
</tr>
<tr>
<td>Francis &amp; Evans, Inc.</td>
</tr>
<tr>
<td>Franklin Contractors, Inc</td>
</tr>
<tr>
<td>Franklin Federal Savings &amp; Loan Ass'n</td>
</tr>
<tr>
<td>Frye Building Co.</td>
</tr>
<tr>
<td>Fultz Lumber &amp; Bldg. Supply Co.</td>
</tr>
<tr>
<td><strong>— G —</strong></td>
</tr>
<tr>
<td>Garber's, Inc</td>
</tr>
<tr>
<td>S. R. Gay &amp; Co., Inc.</td>
</tr>
<tr>
<td>General Shale Products Corp</td>
</tr>
<tr>
<td>Gilmore Plant &amp; Bulb Co., Inc</td>
</tr>
<tr>
<td>Glidewell Bros.</td>
</tr>
<tr>
<td>The Golden Triangle</td>
</tr>
<tr>
<td>Peter Gordon Co., Inc.</td>
</tr>
<tr>
<td>D. W. Gregory</td>
</tr>
<tr>
<td>S. H. Guza Co.</td>
</tr>
<tr>
<td><strong>— H —</strong></td>
</tr>
<tr>
<td>Hajoca Corp.</td>
</tr>
<tr>
<td>Hammond Masonry Corp.</td>
</tr>
<tr>
<td>Milton L. Hammond, Inc</td>
</tr>
</tbody>
</table>

---

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NEWPORT NEWS, VA.
W. Hancock & Sons, Inc.......................... 76
Kirs Hardwood Co, Inc......................... 65
H. Harris & Co.................................. 39
omas Harris & Co................................ 60
ughton Elevator Co.............................. 70
ron Todd Steel Construction Co, Inc........ 48
as & Hurt, Inc.................................. 45
— I —
ustrial Decking & Roofing Co., Inc... 65
— J —
ures River Bldg. Supply Co.................. 61
nes Steel Fabricators............................ 77
— K —
lam & Eaton, Inc................................. 10
log-Cuthrell, Inc................................. 56
bridge Construction Co....................... 55
k Lumber Co..................................... 75
pp Bros., Inc.................................... 70
— L —
e Bros........................................... 58
C. Law & Son, Inc................................. 62
tweight Block Co., Inc........................... 77
— M —
nassas Lumber Corp............................... 61
R. Manchester, Inc............................... 56
n C. Manos....................................... 72
son & Utley, Inc................................ 78
rin Tile & Marble Co., Inc..................... 59
n Mayo & Associates............................. 58
aniel-Kelly Electric Co........................... 8
tal Construction ServicesCorp................. 58
-State Materials Co., Inc...................... 2
-State Tile Co.................................... 79
B. Middleton, Inc................................. 60
. Miller Construction Co....................... 60
ern Decorating, Inc............................. 64
antague-Betts Co., Inc......................... 67
. Moore & Sons.................................. 45
ers & Whitesell.................................. 62

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“Solite Masonry Units”
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Roanoke
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