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IN THIS ISSUE

Guest Editorial by Frederick E. Baultzges, IV .................................................. 7

THE VIRGINIA ARCHITECT SECTION

AIA News ................................................. 8

BLUE RIDGE CHAPTER, DESIGN AWARDS .............................................. 9

THE VVRK PARTNERSHIP — First Honor Award ................................. 10

Woodrow Wilson Junior High School Remodeling ................................. 10

THE VVRK PARTNERSHIP — Honor Awards ........................................... 11

Kingsway Residence .............................................................................. 11

Southwestern State Hospital — Phase II ............................................ 12

SHERERTZ, FRANKLIN 6 SHAFNER — Honor Award ......................... 11

Lakewood Manor, Phases I & II .................................................................. 11

DONALD R. SUNSHINE, AIA — Honor Award .................................. 12

Savior Divine Lutheran Church ............................................................. 12

MILLS, OBENCHAIN, OLIVER 6 WEBB, INC. — Honorable Mention ........ 13

Henning Residence ............................................................................. 13

THE VVRK PARTNERSHIP — Honorable Mentions ............................ 13

United Virginia Bank .............................................................................. 13

Salem Court Apartments ......................................................................... 13

Construction Credits ................................................................. 14, 15

ODELL ASSOCIATES, INC. ........................................................................ 16

Somervell Hall — Fort Lee ........................................................................ 20

Enlisted Men’s Dining Facility, Quantico ............................................. 20

THE VVRK PARTNERSHIP ....................................................................... 24

Wood Products Research Center, VPI & SU ......................................... 24

THE DESIGN COLLABORATIVE/LASZLO ARANYI, AIA .................. 26

Woodside Shopping Center ................................................................. 26

BYRON R. DICKSON, ARCHITECT ........................................................ 28

Oakwood Facility, Cumberland Bank & Trust Co. ................................. 28

MOSLEY HENING ASSOCIATES, INC. ....................................................... 31

Henning Residence .............................................................................. 31

SHERERTZ, FRANKLIN 6 SHAFNER ......................................................... 35

Meadowbrook, Inc. ............................................................................... 35

ARCHITECTS GROUP PRACTICE .......................................................... 39

Lindsay Cadillac Company — Phase I ...................................................... 39

WALSH & ASHE ...................................................................................... 38

Henning Residence .............................................................................. 38

MARCELLUS WRIGHT, DOX 6 LADD, P.C. ........................................... 41

Ambulatory Care Center ...................................................................... 41

BROWN/RYON ASSOCIATES LTD. ........................................................ 43

St. Andrew’s Episcopal Church ............................................................... 43

JOHN B. FARMER, JR., AIA ................................................................. 44

Employee’s Entrance at Mill E — Gordonsville Industries .................... 44

For the Record ......................................................................................... 47

Index to Advertisers ................................................................................ 52

ON OUR COVER is a view of the Henning Residence in Richmond. The project was designed by Mosley-Hening Associates, Inc. and is featured on page 31 of this issue. (Photograph by Huffman Studio)
Getting Ready for Tomorrow

This modern world we live in is constantly changing. In the last 100 years changes have come about so rapidly that what happens today can become "Old Hat" before the ink is dry. "The future," as we think of it is no longer an abstract play area for science fiction aficionados. Alterations, sometimes drastic, in our thinking, our style of living and in our technology, take place almost on a daily basis.

In determining how, where and in what we want to live and work, it is becoming more and more useful to consider the rapid obsolescence of our current construction criteria and standards. Such consideration is essential to our survival, both practically and financially. Whether buying, building or remodeling a structure we must attempt to consider the predictable criteria of the future because our decisions based on today's styles or yesterday's designs may be historical, they most likely will be impractical for tomorrow's standards.

Whatever aspect of the built environment interests you, be it building or remodeling, buying or selling, there are certain patterns that should be noted and certain considerations that can be applied to your plans. First and foremost on any list of future priorities is, of course, energy conservation. It takes little foresight to realize that environmental standards are becoming more stringent and that systems considered energy efficient today may be wasteful tomorrow. There can be no one answer to cover all energy conservation situations. Solutions will range from design of more efficient appliances and equipment to a return to long forgotten ideas such as exterior, operable window shades and natural ventilation, as well as the applications of solar and wind power.

The need for a more harmonious relationship with our planet and its growing number of inhabitants and shrinking natural resources will dictate more efficient use of space and volume. Energy constraints and growing numbers of people are making more compact living a necessity. Since higher density developments consume far less energy than the traditional spacious suburbs, life styles will be compressed, as already evidenced by a decline in suburban shopping centers and the beginning of a return to the cities. Housing design will become more compact and efficient. Homes will be smaller and closer together as average family size decreases and less space is available. We may even see a return to row houses and almost certainly will see more multi-story in lieu of rambling, ranch style houses. This compaction will save on heating and cooling costs as well as on building and insulating materials. Another trend gaining momentum is adaptive reuse of older buildings. Rather than tearing down older buildings and starting over anew, many individuals and communities are recognizing the advantages of reusing existing buildings. There are multiple benefits since time and materials are saved, historical and cultural causes are served and existing structures are brought up to tomorrow's standards.

These few patterns mentioned, along with many others, all demonstrate the need for recognition of future trends and requirements concerning our built environment. Your architect can help identify areas of particular relevance to you and your project and can serve as liaison with the many planning-zoning-environment-historic preservation boards and commissions which may have an effect on your plans. There is no need to be caught unaware by future building criteria and standards. A little care, attention to the signs already present, and proper professional planning will help lessen the impact of the future on your living and working environments.

By
Frederick E. Baukhages, IV, AIA

October 1979
William F. Deal was recently licensed as a professional architect, and has been named an Associate with the firm of Oliver, Smith and Cooke, Ltd. of Norfolk and Virginia Beach.

Mr. Deal joined the firm in 1976, and has since been involved in the design of multi-family housing complexes, industrial projects and schools. One project recently completed is a 25,000 s.f. warehousing/office headquarters complex for Furmani America, located in Virginia Beach's Oceana West Industrial Park. During the last three years, Mr. Deal has worked with clients including NASA, C&P Telephone Company and various divisions of the Commonwealth of Virginia. He is currently contributing to the preliminary design of a 600 pupil elementary school for Northampton County, having just completed work on a conversion of several historic buildings in Petersburg to a housing complex for the elderly.

Mr. Deal is a past member of the Board of Directors of Junior Achievement of Tidewater, Inc., and is an active member of First Presbyterian Church of Virginia Beach. A native of Portsmouth, he completed the Bachelor of Science in Architecture degree in 1974, and the Masters of Architecture degree in 1976, both from the University of Virginia. He currently resides in Virginia Beach with his wife and daughter.
The Blue Ridge Chapter of the Virginia Society AIA held its first Design Awards Program in May at Virginia Polytechnic Institute and State University in Blacksburg. This program had as its theme the recognition of the owner as well as the architect, as the AIA celebrates Architecture in 1979.

Thirty entries were received in several categories and nine awards were given, consisting of one first honor award, five honor awards and three honorable mention awards. The Chapter was very honored to have eight of the nine owners present at the award ceremonies.

The jurors were Samuel A. Anderson, III, AIA – President, Virginia Society, AIA, J. Norwood Bosserman, FAIA – Dean, School of Architecture, University of Virginia and John H. Spencer, AIA – Head, Department of Architecture, Hampton Institute. Bob Rogers was design chairman, assisted by Phil Keser and Glenn Reynolds.

Award winners are as follows and eight are shown in this issue of the Virginia Record.

**FIRST HONOR AWARD**
Woodrow Wilson Junior High School Remodeling
Architect: The WKR Partnership
Owner: Roanoke City Schools

**HONOR AWARDS**
Kingery Residence
Architect: The WKR Partnership
Owner: Mr. B. W. Kingery (Botetourt County)

Publicly Financed Projects
Architect: Hayes, Saay, Matter & Matter

Lakewood Manor, Phases I & II
Architect: Sheertz, Franklin & Shaffner
Owner: Virginia Baptist Homes, Inc. – Culpeper

Savior Divine Lutheran Church
Architect: Donald Sunshine
Owner: Savior Divine Lutheran Church (Illinois)

Southwestern State Hospital – Phase II
Architect: The WKR Partnership
Owner: Commonwealth of Virginia

**HONORABLE MENTION**
Henning Residence
Architect: Mills, Olender, Oliver & Webb, Inc.
Owner: Dr. & Mrs. George Henning

United Virginia Bank Building
Architect: The WKR Partnership
Owner: UVB Properties, Inc.

Salem Court Facilities
Architect: The WKR Partnership
Owner: City of Salem
FIRST HONOR AWARD

Woodrow Wilson Junior High School Remodeling
Architect: The VVKR Partnership
Owner: Roanoke City Schools

Structural Engineer, The VVKR Partnership
Mechanical Engineer, The VVKR Partnership
Electrical Engineer, The VVKR Partnership
Landscape Architect, The VVKR Partnership
General Contractor, Watts & Breakell, Inc.
Photography, Huffman Studio.
HONOR AWARD

Kingery Residence
Architect: The VVKR Partnership
Owner: Mr. B. W. Kingery
Structural Engineer, The VVKR Partnership •
Mechanical Engineer, The VVKR Partnership •
Electrical Engineer, The VVKR Partnership •
Landscape Architect, The VVKR Partnership •
General Contractor, Peter P. Slovensky, Contractor •
Photography, The VVKR Partnership.

Lakewood Manor,
Phases I & II
Architect: Sherertz, Franklin & Shaffner
Owner: Virginia Baptist Homes, Inc.
Structural Engineer, Sherertz, Franklin & Shaffner •
Mechanical Engineer, Sowers, Rodes & Whitscarver •
Electrical Engineer, Sowers, Rodes & Whitscarver •
Landscape Architect, The Wilson-Moreth Partnership •
General Contractor, R. E. Lee & Son, Inc. •
Photography, Huffman Studio.
HONOR AWARD

Savior Divine
Lutheran Church
Architect:
Donald R. Sunshine, AIA
Owner:
Savior Divine
Lutheran Church

Structural Engineer, Wiesinger-Holland Ltd.
Mechanical Engineer, Donald R. Sunshine, AIA
Electrical Engineer, Donald R. Sunshine, AIA
Landscape Architect, Donald R. Sunshine, AIA
General Contractor, Grafic Design Construction
Photography, Donald R. Sunshine, AIA.

Southwestern State
Hospital — Phase II
Architect:
The VVKR Partnership
Owner:
Commonwealth of Virginia

Structural Engineer, The VVKR Partnership
Mechanical Engineer, The VVKR Partnership
Electrical Engineer, The VVKR Partnership
Landscape Architect, The VVKR Partnership
General Contractor, Lincoln Builders Supply Co., Inc.
Photography, The VVKR Partnership.
HONORABLE MENTION

Henning Residence
Architect:
Mills, Obenchain, Oliver & Webb, Inc.
Owner:
Dr. & Mrs. George Henning
Structural Engineer, Mills, Obenchain, Oliver & Webb, Inc. • Mechanical Engineer, Mills, Obenchain, Oliver & Webb, Inc. • Electrical Engineer, Mills, Obenchain, Oliver & Webb, Inc. • Landscape Architect, Mills, Obenchain, Oliver & Webb, Inc. • General Contractor, John H. Kidd • Photography, Gordon H. Schenck.

United Virginia Bank
Architect:
The VVKR Partnership
Owner:
UVB Properties, Inc.
Structural Engineer, The VVKR Partnership • Mechanical Engineer, The VVKR Partnership • Electrical Engineer, The VVKR Partnership • Landscape Architect, The VVKR Partnership • General Contractor, The Hyman, Doyle and Russell Co. (now The George Hyman Construction Co., Inc.) • Photography, Huffman Studio.

Salem Court Facilities
Architect:
The VVKR Partnership
Owner:
City of Salem
Structural Engineer, The VVKR Partnership • Mechanical Engineer, The VVKR Partnership • Electrical Engineer, The VVKR Partnership • Landscape Architect, The VVKR Partnership • General Contractor, Graves Construction Co., Inc. • Photography, The VVKR Partnership.
Woodrow Wilson  
Junior High School Remodeling

Watts & Breckell, Inc. of Roanoke was general contractor.

Subcontractors & Suppliers
(Roanoke firms unless noted)

Prickman Nursery, Martinsville, sodding, seeding, etc.; S. R. Draper Paving Co., Inc., paving contractor; Architectural Concrete Products, Daleville, prestressed concrete; Masonry Contractors, Inc., masonry contractor; Webster Brick Co., Inc., contractor; Lafayette Block Co., Inc., masonry suppliers; Riverton Corp., Riverton, mortar; East Coast Steel, Inc., Eastover, SC, steel supplier/ joists/roof deck/grading, other roof deck & miscellaneous metal; Frederic Schill & Co., Pampano Beach, FL, millwork & wood doors; Leonard Smith Sheet Metal & Roofing, Inc., Salem, built-up roof & sheet metal; Dynamit Nobel of America, Northvale, NJ, other roofing & roof insulation; PPG Industries, Inc., Cockeysville, MD, glass, glazing contractor & windows; Engineering Sales, Inc., Bristol, TN, metal doors & frames; Southern Gf Co., Atlanta, GA, window wall; and Cates Building Specialties, Inc., sliding glass.

Also, Skyline Paint & Hardware, Inc., hardware supplier; Shields, Inc., plaster contractor; gypsum board contractor, architectural treatment & resilient tile; Christiansburg Tile & Carpet, Christiansburg, ceramic tile; Discount Carpet Center, carpet, Elmer M. Jones Painting & Decorating, Salem, painting contractor; Bruning Paint Co., Inc., Baltimore, MD, paint supplier; Millmaster Onyx Corp., Baltimore, MD, paint manufacturer & special wall finish; Roanoke Engineering Sales, Inc.,3 Roanoke, general contractor, acoustical treatment & resilient tile; Kingsbery Bros. Excavating, Crawell Nursery, sodding, seeding, etc.; Woodrow Wilson Junior High School Remodeling, landscaping & landscaping contractor; William H. Overfelt, Jr., Concrete Contractors, Boones Mill, concrete contractor; Roanoke Ready Mix Concrete Corp., concrete supplier; R. L. Francisco, Salem, stonework contractor/supplier; Al-Steel Fabricators, Inc., steel supplier; H. H. Dillon, carpentry, Home Lumber Corp., structural wood, cedar shake roofing & wood doors; Valley Lumber Corp., millwork & cabinets; and, Batt Insulation, wall insulation.

Roanoke Engineering Sales, Inc., windows; Huttig Sash & Door Co., hardware supplier; James E. Lyle, Jr., plaster contractor; Parrish & Haynes, Vinton, ceramic tile; Whit Carpet & Tile Service, Inc., Salem, carpet; L. R. Patterson, painting contractor; Pittsburgh Paints Center, paint supplier; Pittsburgh Paint Co., paint manufacturer; Nelson-Roanoke Corp., Cabot stain, exterior wall finish; Fabricated Metals Industries, Inc., circular stair; Noland Co., plumbing fixture supplier; Ridgemoor Plumbing & Heating, plumbing/heating/ventilating/air conditioning contractor; Williams Supply, Inc., electrical equipment supplier; and C. L. Ray, Jr., Daleville, electrical contractor.

Lakewood Manor
Phases I & II

R. E. Lee & Son, Inc. of Charlottesville was general contractor for both phases.

Subcontractors & Suppliers
Phase I
(Richmond firms unless noted)

E. G. Bowles Co., clearing, excavation, grading, paving, curbs, outside walks & site drainage, Ward & Stancil, Inc., site utilities, sanitary sewer & water mains; Cherotuck Nursery, landscaping, Termix Engineers, soil treatment; W. B. Davis Masonry Contractor, masonry; N. W. Martin & Bros., Inc., roofing, sheet metal & asphalt shingles; Richmond Primoid, Inc., liquid waterproofing; Western Waterproofing Co., Inc., membrane waterproofing; S D G Incorporated, aluminum entrance assemblies; glass & glazing; General Tile & Marble Co., Inc., ceramic tile & slate flooring; Feddley Floor & Ceiling Co., acoustical treatment; Floor Fashions of Virginia, Charlottesville, resilient flooring; Goldwell Bros, Inc., painting & vinyl wall covering; Virginia Elevator Co., Inc., elevators; Worsham Sprinkler Co., Inc., Mechanicals, sprinkler system; Huntington, Inc., mechanical work (except sprinkler work & utilities); and R. L. Dous, Inc., electrical work.


Subcontractors & Suppliers
Phase II
(Richmond firms unless noted)

Brownston Equipment Co., Inc., folding partitions; Cares Building Specialties, Roanoke, overhead door; E. S. Chappell & Son, Inc., caulking, sealants & weatherstripping; Costen Floors, Inc., parquet wood flooring; E. C. Ernst, Inc., electrical & communication work; General Tile & Marble Co., Inc., ceramic tile, quarry tile & marble toilet compartments; N. W. Martin & Bros., Inc., roofing, roof insulation, metal roofing, sheetmetal work, & asphalt shingles; O’Ferral, Inc., resilient flooring & acoustical treatment; Paris Shade Shoppe, Inc., curtain tracks; S D G Incorporated, aluminum entrance assemblies, automatic entrance systems, glass, glazing & aluminum sliding sash; Termix Engineers, soil treatment; Virginia Parking Service, Inc., traffic markings; Western Waterproofing Co., Inc., membrane waterproofing; Worsham Sprinkler Co., Inc., Mechanicals, sprinkler system; Carlet Johnson Corp., mechanical work; Faster & Miller, engineering & surveying work; Key Fixture & Equipment, Inc., Lynchburg, food service equipment; E. G. Bowles Co., bituminous paving & surfacing & exterior concrete flat work; Louver Drape, Inc.,

Construction Credits

Kingsery Residence

Peter P. Slovensky Contractor of Roanoke was general contractor.

Subcontractors & Suppliers
(Roanoke firms unless noted)

Kingery Bros. Excavating, Crawell Nursery, sodding, seeding, etc.; Woodrow Wilson Junior High School Remodeling, landscaping & landscaping contractor; William H. Overfelt, Jr., Concrete Contractors, Boones Mill, concrete contractor; Roanoke Ready Mix Concrete Corp., concrete supplier; R. L. Francisco, Salem, stonework contractor/supplier; Al-Steel Fabricators, Inc., steel supplier; H. H. Dillon, carpentry, Home Lumber Corp., structural wood, cedar shake roofing & wood doors; Valley Lumber Corp., millwork & cabinets; and, Batt Insulation, wall insulation.

Roanoke Engineering Sales, Inc., windows; Huttig Sash & Door Co., hardware supplier; James E. Lyle, Jr., plaster contractor; Parrish & Haynes, Vinton, ceramic tile; Whit Carpet & Tile Service, Inc., Salem, carpet; L. R. Patterson, painting contractor; Pittsburgh Paints Center, paint supplier; Pittsburgh Paint Co., paint manufacturer; Nelson-Roanoke Corp., Cabot stain, exterior wall finish; Fabricated Metals Industries, Inc., circular stair; Noland Co., plumbing fixture supplier; Ridgemoor Plumbing & Heating, plumbing/heating/ventilating/air conditioning contractor; Williams Supply, Inc., electrical equipment supplier; and C. L. Ray, Jr., Daleville, electrical contractor.

Lakewood Manor
Phases I & II

R. E. Lee & Son, Inc. of Charlottesville was general contractor for both phases.

Subcontractors & Suppliers
Phase I
(Richmond firms unless noted)

E. G. Bowles Co., clearing, excavation, grading, paving, curbs, outside walks & site drainage, Ward & Stancil, Inc., site utilities, sanitary sewer & water mains; Cherotuck Nursery, landscaping, Termix Engineers, soil treatment; W. B. Davis Masonry Contractor, masonry; N. W. Martin & Bros., Inc., roofing, sheet metal & asphalt shingles; Richmond Primoid, Inc., liquid waterproofing; Western Waterproofing Co., Inc., membrane waterproofing; S D G Incorporated, aluminum entrance assemblies; glass & glazing; General Tile & Marble Co., Inc., ceramic tile & slate flooring; Feddley Floor & Ceiling Co., acoustical treatment; Floor Fashions of Virginia, Charlottesville, resilient flooring; Goldwell Bros, Inc., painting & vinyl wall covering; Virginia Elevator Co., Inc., elevators; Worsham Sprinkler Co., Inc., Mechanicals, sprinkler system; Huntington, Inc., mechanical work (except sprinkler work & utilities); and R. L. Dous, Inc., electrical work.


Subcontractors & Suppliers
Phase II
(Richmond firms unless noted)

Brownston Equipment Co., Inc., folding partitions; Cares Building Specialties, Roanoke, overhead door; E. S. Chappell & Son, Inc., caulking, sealants & weatherstripping; Costen Floors, Inc., parquet wood flooring; E. C. Ernst, Inc., electrical & communication work; General Tile & Marble Co., Inc., ceramic tile, quarry tile & marble toilet compartments; N. W. Martin & Bros., Inc., roofing, roof insulation, metal roofing, sheetmetal work, & asphalt shingles; O’Ferral, Inc., resilient flooring & acoustical treatment; Paris Shade Shoppe, Inc., curtain tracks; S D G Incorporated, aluminum entrance assemblies, automatic entrance systems, glass, glazing & aluminum sliding sash; Termix Engineers, soil treatment; Virginia Parking Service, Inc., traffic markings; Western Waterproofing Co., Inc., membrane waterproofing; Worsham Sprinkler Co., Inc., Mechanicals, sprinkler system; Carlet Johnson Corp., mechanical work; Faster & Miller, engineering & surveying work; Key Fixture & Equipment, Inc., Lynchburg, food service equipment; E. G. Bowles Co., bituminous paving & surfacing & exterior concrete flat work; Louver Drape, Inc.,
Baltimore, MD, vertical blinds; Cement Finishing, finish concrete; and Patrick G. Nelson Construction, Inc., masonry.


Savior Divine

Lutheran Church

Graphic Design Construction of Palos Park, Illinois was general contractor.

Southwestern State Hospital – Phase II

Lincoln Builders Supply Co., Inc. of Marion was general contractor and handled excavating, sodding, seeding, etc., landscaping, foundations, concrete work, reinforcing, steel erection, carpentry, and caulking.

Subcontractors & Suppliers

D. C. Walker, Chilhowie, paving contractor; Pendleton Construction Corp., Wytheville, concrete supplier; Arnold Stone Co., Greensboro, NC, prestressed concrete; Byrd & Geoff Construction Co., Inc., Glade Spring, masonry contractor; General Shale Products Co., Glasgow, masonry supplier; Lone Star Cement Corp., Claverdale, mortar; Abingdon Metal Fabricators, Inc., Abingdon, steel supplier, miscellaneous metal & handrails; Tauscher Roof Deck, Bristol, TN, steel roof deck; Leonard Smith Sheet Metal & Roofing, Inc., Salem, built-up roof & roof insulation; Western State Insulation Co., Div. of National Service Industries, Inc., wall insulation; B. H. Robertson, sheet metal, Pella Window & Door Co., glass, glazing contractor & windows; McClung's, Salem, wood doors; Graves-Humphrey, Inc., hardware supplier; and J. L. Thompson, plaster contractor.

Also, Paul Tolusso, ceramic tile, The Carpet Village, carpet; Leonard Scott, painting contractor, Olympic, paint manufacturer; Kohler of Kohler, Kohler, WI, plumbing fixture supplier; Forbes Plumbing & Heating Co., Inc., plumbing contractor; B. H. Robertson heating/ventilating/air conditioning contractor; Williams Supply, Inc., lighting fixtures supplier; and Richard Lee, electrical contractor.

United Virginia Bank

Hyman, Doyle & Russell Company (now the George Hyman Construction Co., Inc.) of Richmond was general contractor and handled excavating and concrete work. The owner handled flooring.

Subcontractors & Suppliers

From Richmond were: Miller Manufacturing Co., Inc., millwork, cabinets and wood doors; O'Toole, Inc., acoustical treatment; Ots Elevator Co., elevators; and The Howard P. Foley Co., electrical contractor.

Others were: McKinney Drilling Co., Nacogdoches, TX, piling; Crowell Nursery, Roanoke, landscaping; The Cezco Corp., Bladensburg, MD, foundations; Montague-Bets Co., Inc., Lynchburg, reinforcing; steel supplier/erection/doors/roof deck/graining and other roof decks; Roanoke Ready Mix Concrete Corp., Roanoke, concrete supplier; Marietta Concrete Co., Marietta, OH, prestressed concrete; Millstone Erectors, Inc., Millstone Heights, MD, precast contractor; Primar Construction Co., Inc., Sharon, PA, masonry supplier; Georgia Marble Setting Co., Columbia, MD, stonework contractor/manufacturer & special flooring; Fabricated Metals Industries, Inc., Roanoke, miscellaneous metal & handrails; Salem Contracting, Inc., Salem, carpentry; Home Lumber Corp., Roanoke, structural wood; Alexander Waterproofing Co., waterproofing; and, Commercial Roofing & Sheet Metal Corp., Cheverly, MD, built-up roof, other roofing, roof insulation & sheet metal.

Also, PPG Industries, Inc., Charlotte, NC, glass, glazing contractor & windows; City Steel Door Corp., Rockville, MD, metal doors & frames; Skyline Paint & Hardware, Inc., Roanoke, hardware supplier & paint supplier; C. J. Coakley Co., Inc., Merrifield, plaster contractor & gypsum board contractor; Peter Bratti Associates, Inc., Alexandria, ceramic tile; William S. Alt & Son, painting contractor; Deveo & Reynolds & Glidden, paint manufacturers; Karl Mann Associates, New York, NY, special wall finish; Crown Wallcovering Corp., wall covering; Lee Hartman & Sons, Inc., Roanoke, specialties; Cutler Motte Chute, Inc., Roanoke, concrete supplier; Marietta Concrete Co., of Marion, structural wood; Owen Steel Co. of North Carolina, Inc., Gastonia, NC, steel supplier; Ford F. Austin & Co., Natural Bridge Station, steel erection; Snow Lumber Co., High Point, NC, millwork & wood doors; David G. Allen Co., Inc., Raleigh, NC, waterproofing & ceramic tile; Engineering Sales Co., Bristol, TN, metal doors & frames; and Winebarger Corp., Lynchburg, courtroom seating.

October 1979
Somervell Hall, Phase I
Fort Lee
Odell Associates, Inc. — Architect

SITE:
The site is centrally located within a military complex. The site is divided into four equal quadrants, two of which are characterized by an abundance of trees, and two of which are relatively free of vegetation.

PROJECT DESCRIPTION:
The prime architectural consideration for Somervell Hall was to provide a permanent facility of approximately 156,000 square feet to house the 800 personnel of the U.S. Army Logistics Center (LOGC) and Computer Systems Command Support Group (CSCSG). The mission of the center is to develop organizational, operational, and materiel concepts and doctrine for the U.S. Army through research, deliberation, study and discussion. It was determined that this mission would be best accomplished
in an environment of quiet, well-lighted, air conditioned and secure offices and conference rooms. Since the user population plays a significant role in the operation of any facility, their social, psychological and physical needs were integrated into the design. An open office plan using light, movable screens to control lines of vision and establish personal and group work areas gained improved efficiency in communication, economy in construction and space and provided exterior exposure to create a positive working environment. The broad, well-lighted halls are decorated by contemporary paintings.

The building's exterior finish is smooth and white, providing a graceful, clean look. Two landscaped interior courtyards provide access to the building's interior stairways assuring maximum safety egress while affording occupants a pleasant atmosphere in and around the building. Windows from the second floor executive offices overlook these atria. The overall landscaping of the area manifestly enhances the image of the design and contributes to the congenial surroundings. The building is located in the approximate center of the site to preserve the maximum number of trees for a visual and noise

(Continued on Page 49)
EM Dining Facility
Marine Corps Base, Quantico
Odell Associates, Inc. — Architect

SITE:
The site is steeply sloped and located in a formal quadrangle framed by a late 19th century classical building. Among mature shade trees, the space overlooks a large landscaped area near the edge of the Potomac River.

PROJECT DESCRIPTION:
This new Enlisted Men's Dining Facility, serving 2,000 people, was designed to replace three obsolete mess halls located in barracks on a large military base. The sloping site, together with circulation and service requirements, and the need to be indigenous with the existing buildings, influenced the design criteria. The building is one-story with a partial lower level for the mechanical system and restrooms. The total area of the building is 24,042 S.F. The facility has interior and exterior brick walls and a gray shingle roof to blend with the neighboring buildings. The roof slope parallels the existing grading of the terraced hillside. The dining hall has a double entrance to facilitate pedestrian traffic patterns and allow a view of the river. With the exception of the clerestory windows which take advantage of the northeast light, a low building profile was selected in order not to compete with the surrounding structures.

CONSTRUCTION AND MATERIALS:
With masonry exterior walls, the construction work included: reinforced spread foundations; masonry and dry wall interior partitions; steel posts; built-up roofing on metal deck; asphalt shingles on cementitious deck; ceramic tile, quarry tile, and resilient tile floors; plaster and acoustical ceilings; kitchen equipment; plumbing, heating, air conditioning and electrical systems; grading; drainage; and exterior utility connections.

DESIGN HONOR:
The Enlisted Men's Dining Facility won an award of merit from the Naval Facilities Engineering Command.

**FACTUAL DATA:**

- Planning Begun - March 1973
- Bid Date - June 1974
- Occupancy Date - May 1976
- Square Feet - 24,042
- Construction Cost - $1,554,783
- Cost Per Sq. Ft. - $64.66
- Owner - Chesapeake Division, Naval Facilities Engineering Command, Washington, DC 20390

Richard W. Whyte Construction Co., Inc. of Vienna was general contractor and handled concrete work, carpentry and caulking.

Subcontractors & Suppliers:

- John Driggs Co., Inc., Capital Heights, MD, excavating; R. W. Blake, Waterford, sodding, seeding, etc.; General Paving Corp., Manassas, paving contractor; Trowbridge Steel Co., Inc., Sterling, reinforcing; Virginia Concrete Co., Inc., Fairfax, concrete supplier; Jones Masonry Co., Fairfax, masonry contractor & wall insulation; Borden Co.

(Continued on Page 50)
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October 1979
Wood Products Research Center
VPI & SU, Blacksburg
The VVKR Partnership — Architect

Mechanical Engineer, The VVKR Partnership •
Electrical Engineer, The VVKR Partnership •
Structural Engineer, the VVKR Partnership • General Contractor, Creative Construction & Development Corp. • Photography, The VVKR Partnership.
The Forest Products Research Center at the Virginia Polytechnic Institute and State University (VPISU) in Blacksburg, represents the joint efforts and interests of the forest products industry and the University. These buildings are the first two of five to be constructed under the Master Plan for the center. The facilities have been planned to accommodate the major components of the university program: the technical research of wood products and the exploration of new industrial uses.

The buildings are demonstrative of wood construction techniques and details, as wood is the prime building material. They have wood frames with truss joist, plywood decks, and built-up roofing. Shielding of the exterior mechanical units within the building mass is a design feature exhibited throughout the project. The use of glass Mullions in wood frame construction is a unique technical detail.

The buildings, which open onto a demonstration courtyard, create a sense of interrelationship. Their scale is conducive to that of a small industrial park. The facilities maintain a professional and educational appearance through the use of the refined wood, glass, door and screening details. Both buildings reflect a separation of office functions from research activities and allow the research assistants to have easy supervision over laboratory activities. The chemistry, research, and workshop areas of each facility are designed for specific testing procedures. The areas are designed with special temperature and humidity controls in addition to the structural system being designed to carry loads imposed by cranes mounted on overhead tracks. Vehicular access provisions are also made to accommodate the movement of industrial materials.

Creative Construction & Development Corporation, of Roanoke, was general contractor and handled foundations, concrete work, reinforcing, carpentry and specialties. The owner handled sodding, seeding, etc.

Subcontractors & Suppliers

(Roanoke firms unless noted)

Joe Bandy & Sons, excavating; Adams Construction Co., paving contractor; Atlantic Concrete, Blacksburg, concrete supplier; Structural Steel Co., Inc., miscellaneous metal; Trus-Joist Corp., Richmond, structural wood; Valley Lumber Corp., millwork, paneling & wood doors; Tilley Paint Co., Pulaski, caulking & painting contractor; Valley Roofing Corp., built up roof & roof insulation (Celotex) & sheet metal; Karr-Lyle Insulation Contractors, wall insulation; PPG Industries, Inc., glass & glazing contractor; and Tom Jones Hardware Co., Inc., Richmond, hardware supplier.

Also, Harmon Ceiling & Partition Co., gypsum board contractor, acoustical treatment & resilient tile; DeHart Tile Co., Inc., Christiansburg, ceramic tile; The Carpet Village, carpet; Dovoe & Raynolds Paint Center, paint supplier/manufacturer; American Air Filter Co., Inc., Richmond, dust corrector; Magic City Sprinkler, Inc., sprinkler contractor, Kohler Plumbing Products, Norfolk, plumbing fixture supplier; Air-O-Matic, Inc., plumbing/ventilation/air conditioning contractor; Varney Electric Co., Inc., Roanoke, electrical contractor (Widelite/Daybrite lighting fixtures); and Square D. Co., electrical equipment supplier.

October 1979
Woodtide Shopping Center  
Virginia Beach  
The Design Collaborative/Laszlo Aranyi, AIA — Architect

Structural Engineer, Stroud & Associates • Site Engineer, Marsh and Basgier • General Contractor (for Woodtide Associates) Commercial Builders, Inc.  
• General Contractor (for Be-Lo Supermarkets) James L. Harrell, III • Photography, Laszlo Aranyi.

This is the latest project in a long series of neighborhood shopping centers designed by this firm for the Be-Lo supermarket chain. The unique problem in this case was that Be-Lo purchased only part of the property while Woodtide Associates (with some of the same principals as Pembroke Realty) retained the remainder. The task was to design basically one shopping center for two clients and, as it turned out, it was also constructed by two different contractors.

The materials used were kept constant; namely, fluted concrete masonry and dryvit (synthetic
stucco). The clients did not want columns supporting
the canopy so a cantilevered system was developed.
The canopy is of slightly different design for each
part but well coordinated. It was decided that there
was little need for a continuous canopy since most
people visit only one store at a time. This way, each
store can have more individuality.

Another unique problem was designing the center
with a "construction joint" occurring at the property
line dividing the two parts.

One of the greatest headaches in shopping center
design is the control of the signs. Most tenants
prefer to have their signs on the face of the canopy,
while designers would rather hide them. We have
devised a system for Woodtide Associates whereby
the sign can be prominent but at the same time will
fit into the overall design. The owners provided the
sign box and the tenants will furnish the actual sign
face. There is also a strict control on the colors that
can be used for the lettering.

The total rentable space is 26,245 square feet for
Be-Lo and 25,670 square feet for Woodtide
Associates.

Commercial Builders, Inc. of Norfolk was general
contractor for Woodtide Associates' portion of the
project, and James L. Harrell III, of Norfolk was
general contractor for Be-Lo Supermarkets' portion.

Subcontractors & Suppliers
Woodtide Associates
(Norfolk firms unless noted)

Forrest Exterminating Service, Inc., Va. Beach, soil
poisoning; Asphalt Roads & Materials Co., Inc., Va.
Beach, paving; Va. Beach Lot Clearing, Chesapeake,
earthwork; W. R. Hall, Jr., utilities; Kramer
Construction Co., Chesapeake, masonry; I. J. Allen &
Sons, Chesapeake, steel erection; John R. Houck Co.,
Richmond, steel joists & deck (supplier); J. D. Miles
& Sons, Inc., Chesapeake, roofing; Walker & Laberge
Co., Inc., glass & glazing; David R. Beck, painting;
Winn & Sons, Inc., plumbing; Bodner & Manuel, Inc.,
HVAC; Middleton Construction Corp., Va. Beach,
electrical; Philip Mosser Co., Va. Beach, Dryvit;
Montgomery Doors, Inc., rolling door; Bozarth &
Lane, Inc., Va. Beach, acoustic ceiling; and Adams
Concrete Products Co., Raleigh, NC, fluted masonry.

Subcontractors & Suppliers
Be-Lo Supermarkets
(Norfolk firms unless noted)

Stephenson Masonry, Inc.; Century Concrete
Services, Inc., Va. Beach; Tri-C Steel Corp., Va.
Beach; Eastern Roofing Corp.; E. B. Sams Co., Inc.,
plumbing; Bonnie Be-Lo, mechanical; High Point
Sprinkler Co., Inc., High Point, NC, Bozarth & Lane
Inc., Va. Beach, ceilings; David R. Beck, painting;
Asphalt Roads & Materials Co., Va. Beach, paving; W.
R. Hall, Jr., sewer & water; Va. Beach Lot Clearing,
Chesapeake, site work; and Adams Concrete
Products Co., Raleigh, NC, fluted masonry.
Oakwood Facility, Cumberland Bank & Trust

Byron R. Dickson — Architect

Cumberland Bank & Trust Company's new Oakwood facility will provide full service contemporary banking to the area surrounding Oakwood and Route 460, overlooking the Levisa River in Buchanan County.

Deep in the heart of Southwestern Virginia coal reserves, Cumberland Bank and Trust Co. has assets of over 140 million dollars. This Oakwood facility is providing full banking services to the increasing population.

Originally known as the Bank of Haysi and founded by relatives of R. L. Sutherland, a charter was granted in 1919. The bank expanded under the direction of Mr. Sutherland and opened a branch office at Clintwood in 1933. Later another branch was opened in Grundy, which is currently their main office. In 1935, the name was changed to Cumberland Bank and Trust; and affiliation with Dominion Bankshares Corporation, one of the oldest and largest bank groups in Virginia, was chartered in 1971.

This new branch facility is two stories of wall bearing brick and block construction. These walls provide a cavity inserted with rigid insulation. The interior wall is furred and covered with gypsum wallboard to receive a finish material. The Oakwood facility provides a broad range of contemporary banking services. Customer service includes six teller stations and four remote drive-up conveniences. Future automatic Domininbank operations are provided. A drive-up after-hour depository is included, with dusk to dawn site lighting for security.
The entrance foyers with terrazzo floor and insulating glass provide a positive draft barrier. Energy conservation has become an essential part of the building program for this progressive southwest Virginia Bank.

The Main Street entrance foyer is convenient to the stairway and upper level, which contains a lounge with kitchen provisions, customer and staff toilets, and meeting room used by the Board of Directors for staff conferences. Also, a maintenance storage area and mechanical equipment room, includes access to the roof for rooftop mechanical service when required. The remainder of the upper level is reserved for future expansion including provisions for an elevator. The upper floor is composed of a 2-1/2 inch layer of concrete on metal deck, carried by steel joist, as is the roof system. Positive roof slope is created by the sloping steel joist supporting metal deck, rigid insulating and built-up roofing, protected by an overflow scupper.

The bank is air conditioned by four package heat pump roof mounted systems adequately zoned to provide maximum comfort.

The site provides space for 27 cars, septic field, well water, planting and low mount directional bank signs.

Davy Construction Company, Inc. of Salem was general contractor for the bank and provided foundations, carpentry, waterproofing, caulking, wall insulation, foundation insulation, steel erection and specialties. The owner provided carpeting.

Subcontractors & Suppliers

From Salem were: Thompson Masonry Contractors, masonry supplier; John W. Hancock, Jr., Inc., steel joists; Valley Steel Corp., reinforcing; Timber Truss, structural wood; LaPrad Roofing, built-up roof & roof insulation; Marion Glass & Aluminum, glass, glazing contractor, windows & window wall; and Acoustical Services, Inc., plaster contractor, gypsum board contractor, acoustical treatment & resilient tile.

Roanoke firms were: Structural Steel Co., Inc., steel supplier, steel roof deck & miscellaneous metal; Skyline Paint & Hardware, metal doors & frames, wood doors & hardware supplier; Hesse & Hurt, Inc., painting contractor, paint supplier & wall covering; and Dover Elevator Co., elevators.

Others were: Keen Drilling Co., Oakwood, excavating; James W. Bowles, Honaker, paving contractor; Grundy Concrete Co., Grundy, concrete supplier; Riverton Corp., Riverton, mortar; Joe Rainero Tile Co., Inc., Bristol, terrazzo; Barnett, Inc., Richlands, plumbing fixture supplier, plumbing/heating/ventilating/air conditioning/electrical contractor, electrical equipment supplier, and water filtering equipment; and Diebold, Inc., Canton, Ohio, bank equipment.

to tell the Virginia Story

October 1979
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Moseley-Hening Associates, Inc. — Architect

Mechanical Engineer, Moseley-Hening Assoc., Inc. •
Electrical Engineer, Moseley-Hening Assoc., Inc. •
Structural Engineer, Alvin W. Dunbar • Landscape Architect, Moseley-Hening Assoc., Inc. • Interior Design, Moseley-Hening Assoc., Inc. • General Contractor, Browning Building Co. • Photography, Huffman Studio.

This 50-year-old house, on Sheppard Street, had no real architectural, historic or aesthetic appeal, so the owner didn’t feel any restrictions on what to do in renovating it. A renovation process spanning seven years has resulted in the creation of a rational, contemporary home that relates to surrounding structures while carrying its own special theme.

The living-dining room overlooks a private courtyard and rock garden at the rear of the house. The dining area is open to the second-story ceiling where sunlight filters into the house through a double-domed skylight. The kitchen, which once occupied the space of the new living room, has been moved forward to be close to the front entry and to take advantage of the morning sun and the view of Byrd Park.

In the basement, the owner’s children enjoy the privacy of their own suite, which includes two bedrooms, a sitting room and a full bath. On the second floor, a bedroom and a study form a balcony around the open well above the dining area. From the study, a ladder leads to a loft bedroom where there is access to the roof.

The house originally was heated by a gas-fired furnace and radiators, which have given way to a
modern efficient heat pump system. The new mechanical system is designed with provision for installing solar assistance in the future, while windows have a solar film that reduces heat gain in the summer and increases heat absorption in the winter.

Browning Building Co. of Richmond was general contractor and handled steel erection, miscellaneous metal, carpentry, waterproofing, glazing and wood doors. The owner handled sodding, seeding, etc., landscaping, brick paving, foundations, caulking and gypsum board work.

Subcontractors & Suppliers
(Richmond firms unless noted)
Watkins Nurseries, Inc., landscaping contractor; Lone Star Industries, Inc., concrete supplier; Robert Edwards & George Haymore, masonry contractors & mortar; General Shale Products Corp., Johnson City, TN, masonry supplier; S. B. Cox, Inc., steel supplier;
R. A. Siewers, Inc., handrails, structural wood and, with H. Beckstoffer's Sons, Inc., millwork; Robert Deuster, cabinets; Victor Caudle, built-up roof; and Waco, Inc., wall & foundation insulation.

Also, James River Air Conditioning Co. - Trane, sheet metal and, with Air Conditioning Equipment Sales, Inc., heating/ventilating/air conditioning contractor; PPG Industries, Inc., glass; W. H. Stovall & Co., Inc., windows; Architectural Hardware, Inc., hardware supplier; Eastern Paint Contractors, Inc., painting contractor (with the owner & general contractor); Sherwin Williams Co & Pittsburgh Paints Center, paint supplier/manufacturers; Pleasants Hardware, specialties; Kitchen Center, kitchen equipment; American Standard, plumbing fixture supplier; John Boisclair & Rob Nichols, plumbing contractors; J. H. Jenkins, lighting fixtures supplier; Hogan Electric Co., electrical contractor & electrical equipment supplier; and Jim Hazelgrove, "Metalbestos" pre-fab fireplace.

to tell the Virginia Story

October 1979
Meadowbrook, Inc. — Additions & Alterations
Shawsville
Sherertz Franklin & Shaffner — Architect

Meadowbrook, Inc. is a 121-bed nursing home nestled in among the mountains and scenic rolling terrain of Montgomery County at Shawsville.

This project consisted of two brick contemporary additions to tie in with the existing building. One addition is a 21-bed – 10 semi-private—one private room – patient wing with support facilities and 1900 sq. ft. multi-purpose room for patient activities. The multi-purpose room features built-in casework under large casement windows which have brick planters under them on the exterior. This addition also features a meditation room for patients and family, staff locker facilities and a new drive-up covered entrance.

The second addition consists of a new 1500 sq. ft. patient dining room, accented with laminated wood arches and decking, and a large brick fireplace. One end of the dining room opens onto a concrete and brick terrace for fresh air dining and lounging.

Connecting the dining room with the existing
(Continued on Page 50)
Lindsay Cadillac Company
Phase I — Customer Service — Alexandria
Architects Group Practice — Architects and Engineers

In deciding to expand its business operation at the present site rather than to relocate, the Lindsay Cadillac Company was determined to visually unify the various buildings comprising the complex and, in doing so, to enhance the surrounding urban neighborhood. The first step toward this realization involved renovation of the existing Customer Service Area, originally a service station. Following the transfer of gasoline-dispensing operations to another location, the original service station and apron became an area utilized for pick-up and delivery of serviced or rental cars to customers as well as for a variety of courtesy functions. Location of this activity adjacent to the new car showroom and at the most prominent point along the principal approach route, made the project design of maximum significance.

Unification of the complex was accomplished by the development of a simple statement of forms in a park-like setting. The materials selected include white textured brickwork, designed in cylindrical and semi-circular forms, which is joined visually to the existing showroom facility by a wide marquee-like lacing of white textured surfacing material. The soffit of the unenclosed area formed by this structure is finished in rough-sawn redwood, providing a rich and warm sense of enclosure. The skylighted waiting room provides the opportunity for customers to await the delivery of their automobiles inside an interior garden setting opening onto a flagstone terrace. Special attention is given to concealed downlighting within the redwood ceiling.
area as well as to the exterior display lighting, further enhancing the selected materials and forms implemented.

The completed project creates a recognizable symbol for the Lindsay Cadillac Company which translates the quality of the dealership into an architectural statement suitable to be extended for future development.

Eugene Simpson & Brother of Alexandria was general contractor for Phase I.

Subcontractors & Suppliers
(Alexandria firms unless noted)

Several years ago, the Thomas E. Fraim family purchased a one-story masonry block structure as a summer beach retreat. The structure was typical of several in the area with flat roofs and generally non-descriptive architectural characteristics.

After some time the family decided to make the summer retreat their year-round residence at which time they engaged the services of Walsh and Ashe Associates, A.I.A.

The design posed several challenging problems among which was the fact that the existing structure was at an elevation lower than currently allowed by the code. The problem was solved by making the living areas on the new upper level which was created by the use of piling foundation. The existing structure became the children's space in the house with its roof becoming the deck area which works off of the new dining and living rooms. The blinder side walls and the new railing served to shelter the deck from the winter winds and storms as well as to conceal the existing structure. A portion of the existing roof was removed to facilitate the new stair, constructed to provide the vertical link within the house. In order to take advantage of the ocean view, a loft was constructed above the dining entry area. The underside of the new structure provides space for a carport and storage area while the upper level provided the master bedroom, living, dining, and kitchen space as well as a guest room. A small deck on the west side affords wind sheltered outdoor areas.
The cost for new construction was $30.00 per square foot.

E. C. Miller of Virginia Beach was general contractor and handled excavating, sodding, seeding, etc., landscaping, landscaping work, handrails, carpentry, millwork, waterproofing and roofing. The owner, Thomas E. Fraim, handled paving, concrete work and carpeting.

Subcontractors & Suppliers
(Virginia Beach firms unless noted)
Ford Pile Foundations, Inc., piling; AAA Welding & Repair, Norfolk, steel supplier & steel erection; Globe Iron Construction Co., Norfolk, steel joists & miscellaneous metal; Prestige Kitchens of Va., Inc., cabinets; Dap, Dayton, OH, caulking; Leon Kight, built-up roof & sheet metal; Owens-Corning Fiberglas Corp., Norfolk, roof insulation; Interior Systems of Va., Inc., Chesapeake, wall insulation, painting contractor, plaster contractor & gypsum board contractor; Andersen, Portsmouth, glass & windows; Morgan Millwork Co., Pease metal doors & frames; Burton Lumber Corp., Chesapeake, wood doors; Seaboard Paint & Supply Co., Norfolk, Schlage hardware supplier; Kohler of Kohler, Kohler, WI, plumbing fixture supplier; C. V. West & Co., Inc., Norfolk, plumbing contractor, Indoor Air Systems, Inc., Norfolk, heating/ventilating/air conditioning contractor; Hillegass Lighting Corp., lighting fixtures supplier; and H. W. Sumerell, electrical contractor.
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In the face of continually rising health care costs, and the virtual disappearance of physicians' house calls, the ambulatory care concept is becoming increasingly popular. An extension of Hampton General Hospital, this Ambulatory Care Center is unusual in its combination of two types of services: out-patient surgery and emergency room. Because patients do not have to pay for such services as 24-hour nursing care, overnight accommodations, dietary and pharmaceutical coverage, costs are kept down. Rather than duplicating services afforded by Hampton General, the Center provides support services near physicians' offices, and functions as a screening process, separating routine cases from those needing emergency treatment.

In 19,000 square feet, the Center includes routine laboratory and X-ray facilities, pre-admission testing and physical therapy. It houses three trauma rooms, an operating room, four examination rooms, radiology and fluoroscopy room, a pharmacy, and an EKG room. Procedures offered include ear, nose and throat treatment, obstetrics and gynecology, neurology, orthopedics, and routine plastic surgery. Room for future expansion of surgery space has been provided.

Extensive use was made of bright, cheerful colors inside, particularly in the more public areas. It is intended that the use of color in both finishes and furniture make the patient feel more comfortable, lending to the facility a more relaxed, casual atmosphere than that usually associated with medical buildings.

The exterior is faced with a buff-colored brick, with banding of soldier courses to add detail interest. A metal canopy defines patient entry from the circular drive in front, clearly separated from ambulance and service entry. The majority of
patients come to the facility on their own, with ambulances used only by a few.

Leon H. Perlin Company, Inc. of Newport News was general contractor for the project.

Subcontractors & Suppliers

From Newport News were: Tidewater Nursery, landscaping; L. C. Heath Roofing, Inc., roofing; flushing & sheet metal; Warwick Plumbing & Heating Corp., mechanical, and E. Caligari & Son, Inc., painting.

Hampton firms were: Williams Paving Co., Inc., sitework; Rosenbaum Fencing & Hardware Co., Inc., chain link fence; Walker & Laberge Co., Inc., aluminum doors & frames, sheet aluminum work, glass & glazing, pass windows & shower doors; E. J. Puma & Associates, Inc., ceramic tile; Southeastern Tile & Rug Co., Inc., resilient floors, conductive tile flooring & recessed floor mats; and B. D. Willard Co., Inc., electrical.

From Norfolk were: Chesapeake Partition, Inc., building insulation, plaster, gypsum drywall, acoustical treatment & spray fireproofing; Montgomery Doors, Inc., metal toilet compartment; and C. Roy Pursley Co., louvers & metal panels.

Richmond firms were: E. S. Chappell & Son, Inc., caulking & sealing; Capital Masonry Corp., masonry, and Argus Steel Products, IV ceiling track with curtain.

Others were: Welch Pile Driving Corp., Suffolk, wood piling; A-Active Exterminating Co., Virginia Beach, termite control; Tri-C Steel Corp., structural metal, roof decking & miscellaneous steel.
St. Andrew's Episcopal Church
Burke
Brown/Ryon Associates, Ltd. — Architect

St. Andrew's Church is the first new church built in the Episcopal Diocese of Virginia since 1973.

With a predicted growth rate of 500 percent in a short span of just four years, the church building is necessarily planned for expansion. It is the first phase of a masterplan that will eventually incorporate a large nave and expanded educational facilities.

The central space is designed for use both as nave (for 300) and as a social hall, without sacrificing the special feeling required for a worship space. An adjacent kitchen serves to accommodate church suppers. Offices and classroms are provided.

All furnishings are movable; and relocatable when the church grows.

Also, following the directives of the Bishop, the building is designed so that, should the occasion arise, it may be sold – and not necessarily as a church. The building, therefore, purposefully avoids use of the visual cues one so often connects with churches.

In keeping with its wooded location, brick and cedar shakes are used as the major exterior materials. Laminated wood beams and wood deck, coupled with brick inside and out, enclose the perfectly square shaped multi-purpose room. The specially designed lighting system consists of fluorescent light beams spanning perpendicular to the major wood members in concentric rings.

(Continued on Page 51)
Gordonsville Industries
Employees' Entrance at Mill E, Gordonsville
John B. Farmer, Jr., AIA — Architect

Gordonsville Industries, a division of Liberty Fabrics of New York, is a company with three mills in Gordonsville, Virginia. A warehouse addition to Gordonsville's Mill E, blocking the existing employees' entrance, necessitated the construction of a new entrance on the east side of the mill, in close proximity to a new parking lot.

The design of this entrance, although very simple in terms of program (waiting area, time clocks) and construction (C.M.U. bearing wall), posed formal and philosophical problems for the architect. The new structure is located on the tall unarticulated side wall of the mill, the austerity of which is relieved only by two or three rather ad hoc functional protuberances. Entry from the parking lot actually
occurs to the rear of the mill, thus complicating the frontal orientation of the entrance. This combined situation would tend to imply a solution where the new entry would become merely one more protuberance along the wall, and the act of entry itself would, by association, tend toward the ad hoc.

The solution given here represents an attempt to avoid this demeaning situation or, in more positive terms, attempts to provide a dignified transition from outside to inside for the employees of the mill. On a large scale, the strategy was to view the entrance as an object in its own right, distinct from the adjoining mill in this way distinguishing the entrance from the mechanical area, for instance, which is defined only by its relationship to the mill. On the level of detailing, the strategy was to manipulate the 8" x 8" x 16" C.M.U. in such a way as to reveal its dimension and weight. This was done in an attempt to achieve the weight and presence of a stone building whose constituent units might be manipulated in the same way.

Construction on this project was completed in March of 1979. The landscaping plan was scheduled for implementation in September of this year.

L. White & Co., Inc., Fredericksburg, was general contractor and handled foundations, concrete work, wood roof deck, carpentry, structural wood, millwork and wall insulation. The owner supplied hardware.

Subcontractors & Suppliers
(Charlottesville firms unless noted)
S & S Backhoe, Inc., Orange, excavating; Associated Steel, reinforcing, miscellaneous metal & handrails; C. R. Butler, Orange, concrete supplier, masonry supplier & mortar; Lee Williams, masonry contractor; Charlottesville Glass & Mirror Corp., caulking, aluminum facia, glass, glazing contractor, windows & window wall; Kawneer Co., Inc., Niles, Mi, window wall manufacturer; W. A. Lynch Roofing Co., Inc, built-up roof, roof insulation; Ceiling & Floor Shop, acoustical treatment – ceiling & resilient tile; Shannon Home Improvement, Orange, painting contractor; Allied Concrete, exterior wall finish; and Ray Fisher & Ron Martin, Inc., heating/ventilating/air conditioning/electrical contractor & lighting fixtures/electrical equipment supplier.

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FOR THE RECORD

Brewer Named Manager Of New Sydnor Division

- Patrick L. Brewer has been named manager of Sydnor Industrial Pipe and Supply, a newly created wholesale division of Sydnor Hydrodynamics, Inc., Richmond. Mr. Brewer most recently served as manager of industrial sales for The Noland Company in Richmond.

New Terminal Manager

- Kenneth Lynn Hipp has been promoted terminal manager for Pilot Freight Carriers, Inc. at Richmond.

A native of West Virginia, Hipp came to Pilot with seven years of motor freight experience.

Pilot's Richmond terminal is located at 3609 Belt Boulevard.

CORRECTION

In the August 1979 coverage of the Renovation of Richmond Hall at Union Theological Seminary, the electrical work was inadvertently credited to the wrong firm. WOMACK ELECTRIC COMPANY of Richmond was the Electrical Contractor for that project.

Clarke, Giordano Promoted to Top Management Positions

At Richmond Office of Davenport Insulation, Inc.

- Wallace Clarke and Samuel Giordano have been named branch manager and director of sales respectively of the Richmond, office of Davenport Insulation, Inc.

The announcement was made by Thomas C. Mitchell, vice president and general manager of Davenport, a wholly owned subsidiary of Washington Gas Light Company.

Clarke started with Davenport's Richmond office in 1974 and has served as a salesman in its field operation, contacting contractors and selling a variety of residential and commercial insulation. As branch manager he will administer and oversee daily operation of the office.

Prior to joining Davenport, Clarke was part owner of the W.K. Hawkins Engineering Company, a Richmond-based firm specializing in home insulation needs of consumers. A graduate of Midlothian High School, Midlothian, he also attended the University of Richmond.

A native of Hamilton, N.Y., Giordano has been a member of Davenport's sales staff for three years. He was previously part owner and vice president of Foam Insulation and Acoustical Contractors. He has also been employed as director of the central New York state region for General Tire Company.

Giordano is a graduate of Colgate University, Hamilton, N.Y.

Davenport's Richmond branch office services the commercial, residential, and reinsulation needs of builders, developers, architects, engineers and consumers, offering a selection of quality insulation materials from fiberglass and rock wool to cellulose and rigid foam sheathing.

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Somervell Hall

CONSTRUCTION AND MATERIALS:

Somervell Hall is a two-story steel framed structure supported on shallow spread footings. Structural framing consists primarily of floor slab on grade, one supported floor with approximately 30' x 30' column bay systems, and a roof structure of girders, bar joist, and 1 1/2" metal deck with built-up roofing. Supported floor structure consists of a 6" modular blend of 3" deep composite steel floor deck with 3/4" structural semi-lightweight concrete fill. The structural frame was designed for seismic zone one horizontal loadings. Semi-rigid type three connections were used between the building frame columns and girder connections to resist the horizontal loadings.

FACTUAL DATA:

Completion Date - August 22, 1977
Square Feet - 156,000
Cost Per Sq. Ft. - $36.33
Owner - Norfolk Corps of Engineers

Subcontractors & Suppliers

Richmond firms were: Concrete Structures, Inc., prestressed concrete, Commercial Caulking Co., waterproofing & caulking; Walker & Laberge Co., Inc., glass, glazing contractor, window wall & storefront; Stranell & Satterwhite, Inc. (now H. E. Satterwhite, Inc.), ceramic tile; Manson & Utley, Inc., acoustical treatment & resilient tile; H. H. Robertson & Co., electrified floor system; Paris Shede Shoppe, Inc., drapery; Roanoke Engineering Sales Co., Inc., partitions & toilet partitions & accessories; Hungerford Mechanical Corp., sprinkler contractor, plumbing fixture supplier, plumbing/heating/ventilating/air conditioning contractor, and Ben Collier, Inc., lighting fixtures/electrical equipment supplier & electrical contractor.

Others were: W. N. Yeatts, Long Island, Va., excavating; Winn Nursery, Inc., Norfolk, sodding, seeding, etc. & landscaping; Short Paving Co., Inc., Petersburg, paving contractor; Hall-Hodges Co., Norfolk, reinforcing; Lone Star Industries, Inc., Petersburg, concrete supplier; Richard A. Holmes, Brodnax, masonry contractor; Kenbridge Mfg. & Supply Co., Kenbridge, masonry supplier, mortar & carpet; Howell Steel Service, Inc., Weldon, NC, steel supplier/erection/stands/grating, miscellaneous metal & handrails; Weldon Roofing & Sheet Metal, Inc., built-up roof deck, built-up roof, roof insulation & sheet metal; and County Fire Door Corp., New York, NY, metal doors & frames.

Also, Weaver Brothers, Inc., Newport News, wood doors; Webb Builders Hardware, Inc., Arlington, TX, hardware supplier; Virginia Plastering Co., Fredericksburg, plaster contractor & gypsum board contractor; Chapman & Martin, Inc., Amelia, painting contractor/supplier; and Schwab Safe Co., c/o Desk, Inc., Norfolk, vault door.

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Springfield
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VIRGINIA
Martinsburg
WEST VIRGINIA
Hagerstown
MARYLAND

EM Dining Facility
(From Page 22)
masonry supplier; Adams Fabricated Steel Corp.,
Baltimore, MD, steel supplier/erection/roofs/roof
deck; J. B. Euroll Co., Richmond, other roof deck;
Hallmark Iron Works, Inc., Newington, steel grating,
miscellaneous metal & handrails; R. D. Bean, inc.,
Blacksburg, MD, built-up roof /roof insulation; W. M.
Schoenfelder & Assoc., Inc., Bethesda, MD, metal
doors & frames; Yeatman Architectural Hardware,
Inc., Clinton, MD, hardware supplier, Fitzgerald & Co.,

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Meadowbrook, Inc.
(From Page 35)
building, is a new patient lounge and new toilet
facilities.
J. M. Turner and Company, Inc. of Salem was
general contractor and handled foundations,
concrete work, reinforcing, carpentry and foundation
insulation.

Subcontractors & Suppliers
From Salem were: Thomas Bros., Inc., excavating;
L. H. Sawyer Paving Co., paving contractor, Salem
Ready Mix Concrete, Inc., concrete supplier; Masonry
Contractors, Inc., masonry contractor/supplier &
mortar; John W. Hancock Jr., Inc., steel posts; Elmer
M. Jones Painting & Decorating, caulking & painting
contractor; and Marion Glass & Aluminum, Inc., glass
& glazing contractor.

Roanoke firms were: Structural Steel Co., Inc.,
steel supplier/roof deck, miscellaneous metal &
handrails; I. N. McNeil Roofing & Sheet Metal Co.,
Inc., waterproofing, built-up roof, other roofing, root
insulation & sheet metal; A & H Contractors, Inc.,
wall insulation, plaster contractor, gypsum board
contractor, acoustical treatment, resilient tile &
carpet; Skyline Paint & Hardware, Inc., hardware
supplier; and Magic City Sprinkler, Inc., sprinkler
contractor.

Others were; Christiansburg Lawn & Garden,
Christiansburg, sodding, seeding, etc, landscaping &
scaping contractor; A. A. Ryan Ornamental Iron
Works, Vinton, steel erection; Structural Wood
Systems, Inc., Greenville, AL, other roof deck &
structural wood; Architectural Millwork, Troutville,
millwork & cabinets; Fenastra, Erie, PA, metal doors
& frames; Weyerhauser Co., Marshfield, WI, wood
doors; Pella Cled Casements, Pella, IA, windows;
Boletourt Tile Co., Fincastle, ceramic tile, Devoe &
Raynolds Co., Inc., paint manufacturer; C/S Acroyn,
special wall finish, Ben F. Shawver Jr. & Assoc.,
Shawsville, plumbing fixture supplier, light
fixtures/electrical equipment supplier &
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Miller Brothers of Arlington, Inc., of Bailey's Crossroads, was general contractor.

Subcontractors & Suppliers
Alexandria firms were: Newton Asphalt Co., Inc. of Va., paving contractor; Innamorato Construction Co., masonry contractor; Ganassa Bros. Ceramic Tile Co., ceramic tile; Marty's Floor Covering Co., Inc., resilient tile & carpet; and M. G. Connor Co., Inc., electrical contractor.

From Springfield were: Virginia Concrete Co., Inc., concrete contractor; Davenport Insulation, Inc., roof/wall/foundation insulation; and Air Movers, Inc., heating/ventilating/air conditioning contractor.


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Roanoke Iron & Bridge Works, Inc.
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Index to Advertisers

A & H Contractors, Inc. ........................................ 53
Able Equipment Co., Inc ......................................... 40
Acorn Construction Co., Ltd. ................................ 53
American Mechanical, Inc. ................................... 30
Anderson & Anderson ............................................ 46
Andrews Large & Whidden, Inc ........................... 34
Andrews & Parrish Co .......................................... 45
Architectural Woodwork Institute, Virginia Chapter ...... 54

Able Equipment Co., Inc ......................................... 40
Acorn Construction Co., Ltd. ................................ 53
American Mechanical, Inc. ................................... 30
Anderson & Anderson ............................................ 46
Andrews Large & Whidden, Inc ........................... 34
Andrews & Parrish Co .......................................... 45
Architectural Woodwork Institute, Virginia Chapter ...... 54

B- ...........................................................................
R. D. Bean, Inc ..................................................... 23
Beatley Equipment, Inc .......................................... 51
Becco Supply Co ................................................... 40
Boswanger Glass Co ............................................. 40
Paul L. Bost .................................................................. 45
Bowling United Industries, Inc ................................... 8
J. Carrington Burgess Masonry Contractors, Inc ........... 42

C- ...........................................................................
Cates Building Specialties, Inc ................................ 30
Cedar Roofs of Richmond, Inc .................................. 46
Central Electrical Service Corp ............................... 48
Chapman & Martin, Inc .......................................... 47
Chesapeake Partition, Inc ........................................ 40
Clifton Floor & Tile Service ..................................... 30
G. L. Cline & Son, Inc ............................................. 49
Colonial Printing & Stationery Co ............................. 48
Communications, Inc ............................................ 4
Concrete Repair Specialists, Div. of Cooperative Construction Co., Inc 19
Cooper Electrical Construction Co ........................ 46
P. C. Cooper Construction Co ................................ 19
Cort Co., Inc ......................................................... 34
Costen Floors, Inc .................................................. 50
S. B. Cox, Inc ........................................................ 4

D- ...........................................................................
John W. Daniel & Co., Inc ....................................... 4
Dover's Steel Erection Co., Inc ................................. 6
Dover Elevator Co ................................................... 48
S. H. Draper Paving Co ........................................... 19
H. Driver & Co ........................................................ 23

E- ...........................................................................
J. B. Eurell Co ........................................................ 19
Freeling & Robertson, Inc ........................................ 19

G- ...........................................................................
Sallion-Bider Insurance Agency, Inc ........................ 6
Gardners of Richmond, Inc ...................................... 48
General Tile & Marble Co., Inc ............................... 47
Glen Construction Co ............................................. 2
Graves Construction Co., Inc .................................. 7
Gray Lumber Co ..................................................... 48

H- ...........................................................................
H & H Supply Co., Inc ............................................ 34
Hamilton's Floor Fashions & Tile, Inc ..................... 51
Hammond Brothers, Inc .......................................... 49
Hammer International Construction Corp ............ 2
C. Wm. Hartman, Inc ............................................. 48
Hearth & Home Co .................................................. 49
Joseph Helfin & Sons ............................................. 42
Hesse & Hurl, Inc ..................................................... 46
Heyward Construction Co., Inc .............................. 48
J. T. Hirst & Co ........................................................ 4
Humphrey Electric Co ............................................ 19
The Hutter Corp ..................................................... 47

I- ...........................................................................
Innamorato Construction Co., Inc .......................... 47

J- ...........................................................................
Wiley N. Jackson Co ............................................... 49
Jerrett Welding Co .................................................. 48
J. Lawson Jones Construction Co., Inc .................. 48

K- ...........................................................................
Kenbridge Construction Co .................................... 19

L- ...........................................................................
Dan Longen Roofing Co ........................................... 49
R. E. Lee & Son, Inc ............................................... 8
Lohr Steel Co .......................................................... 43
Robert S. Lovelace Co ............................................. 50

M- ...........................................................................
Robert R. Marquis, Inc ........................................... 53
Miller Manufacturing Co, Inc ................................. 45

N- ...........................................................................
Nationwide Homes .................................................. 6
Narkin Service Co, Inc ............................................ 46
W. Wallace Neal Co, Inc ......................................... 38

O- ...........................................................................
Owen Steel Co. of N. C., Inc ................................. 19

P- ...........................................................................
Payne Construction Co .......................................... 42
Pedion Steel ............................................................ 33
Pleasant Hardware ................................................ 54
Power Equipment Co ........................................... 34
Progressive Enterprises, Inc ................................. 51

R- ...........................................................................
Reames & Moyer, Inc ............................................. 52
Redford Brick Co., Inc ............................................ 50
David A. Reed & Sons, Inc ..................................... 48
T. E. Ritter Corp ..................................................... 48
Roanoke Concrete Products Co., Inc .................... 34
Roanoke Iron & Bridge Works, Inc ........................ 51

S- ...........................................................................
Sanford Brick Corp ................................................ 3
W. M. Saunders Construction Co ............................. 4
L. H. Sawyer Paving Co., Inc ................................. 34
Seaboard Building Supply Co., Inc ....................... 42
Shoefly Industries of Va., Inc ................................. 49
L. C. Smith, Inc ..................................................... 34
Leonard Smith Sheet Metal & Roofing, Inc ............ 48
Superior Paving Corp ............................................ 23

T- ...........................................................................
Terminix Co. (Roanoke) ......................................... 8
Terminix Co., Inc. (Norfolk) .................................... 8
Terminix Engineers (Richmond) ............................. 17
Tri County Asphalt Co., Inc ................................. 42
Tunis & Toler, Inc ................................................... 48

U- ...........................................................................
Nick Ulisse Concrete Contractor ............................ 51

V- ...........................................................................
Valley Roofing Corp ............................................... 30
Valley of Va. Milk Producers Co-op Ass'n .............. 50
Virginia Roofing Corp ............................................ 6

W- ...........................................................................
W. D. Wall Sheet Metal Shop .................................. 50
Ward Welding Co., Inc ............................................ 53
Watts & Breakeley, Inc ............................................ 8
Webster Brick Co., Inc ............................................ 34
Webster Elevator Co ............................................... 8
Weddle Plumbing & Heating ................................... 2
Western Waterproofing Co., Inc ............................. 34
F. Richard Wilson Jr., Inc ........................................ 34
J. B. Wine & Son, Inc ............................................. 34
Warsham Sprinkler Co, Inc .................................... 42

Z- ...........................................................................
Zonolite, Construction Products Div., W. R. Grace & Co .... 19
MEMBERS

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