



VIRGINIA RECORD

OCTOBER 1979



Authorized Dealer
AMERICAN BUILDINGS

DIAL 355-2191

"Modern Systems to Meet Your Building Needs"

Hanover International Construction Corp.

General Contractors

COMMERCIAL — INDUSTRIAL

4900 West Clay Street
Richmond, Virginia



Weddle Plumbing and Heating

Mechanical Contractor

St. Reg. #A1172

Industrial — Commercial Full Service Contract Available

Phone 703-343-4473

Roanoke, Virginia 24004

1129 Shenandoah Ave., N.W.

OWEN STEEL COMPANY

OF

NORTH CAROLINA, INC.

TELEPHONE 865-8571

Area Code 704

P. O. BOX 1657, GASTONIA, N. C. — 28053

GRAVES CONSTRUCTION CO., INC.

General Contractor

St. Reg. #4524

COMMERCIAL • INDUSTRIAL • INSTITUTIONAL

Phone 703-552-2231

BLACKSBURG, VIRGINIA 24060

1601 S. Main St.



More than just a pretty face. Lifetime saving, too.

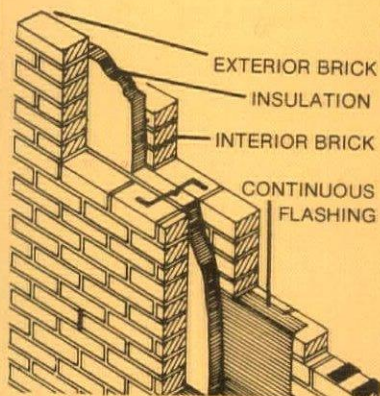
We've earned the reputation for making the most beautiful brick. Sanford Handcraft faces. Styles that recreate the warmth, dignity and mellow richness so admired in old landmarks. In our wide range of authentic colors and textures you'll find a face that will enhance the architectural features of whatever you're building.

Where the savings are. We've proved our reputation for producing the highest quality brick. Brick that needs no maintenance because, unlike wood, it never needs painting, it won't rot, burn, split, warp, be attacked by termites, be damaged by high winds or accidental impact. Brick will reduce your heating and air conditioning costs substantially. Your savings will be even greater with brick cavity walls containing as little as 1" of insulation. Not just on heating and cooling, but on insurance, too. Sanford brick can even make money for you. That's because your resale value is higher and brick homes sell faster.

What a combination! The unduplicated beauty of Sanford Handcraft faces and the money saving assets of our quality brick. Before you build, take a close look. You'll see why Sanford makes the difference. For more information on our Handcraft faces and brick cavity construction, write or call us at P.O. Drawer 458, Sanford, NC 27330, (919) 775-2121.

Brick Cavity

The most energy-efficient wall in the world. And it's waterproof. Even through hurricanes with 150 mph winds!



Sanford Brick Corporation

SANFORD, NC

There really is a difference in brick

JOHN W. DANIEL & CO., INC.

General Contractors

St. Reg. #2029



Telephone 792-1111
P. O. Box 1628
DANVILLE, VIRGINIA 24541

J. T. Hirst & Co., Inc.

Building Supplies

P. O. Box 1236
LEESBURG, VIRGINIA
Telephone 703-777-3030

Communications, Inc.

*Specialists in
Industrial, Police, Fire, FM,
Two-Way Radio
Communication*

Consultants

Arlington & Vicinity Manassas & Vicinity
Dial 703-671-9300 Dial 703-361-1919

or write
2701 South Nelson St.
Arlington, Virginia 22206

W. M. SAUNDERS CONSTRUCTION CO.

General Contractors
St. Reg. #11964

DESIGN — BUILD
BUILD — LEASE



*"Small Enough to Give You the Personal Touch,
Large Enough to Meet All Your Building Needs"*

Call 271-6069
P. O. Box 50
Chesterfield, Va. 23832

AN INDEPENDENT PUBLICATION
FOUNDED 1878
TO TELL THE VIRGINIA STORY



(ISSN 0042 - 6768)

Published Monthly at the State Capital
By Virginia Publishers Wing, Inc.

EDITORIAL OFFICES: 301 EAST FRANKLIN STREET

Phones: 644-2722 or 644-6717

Vol. 101—No. 10

October 1979

CLIFFORD DOWDEY, *Editor*
(1904 - 1979)

JOE H. YOUNG
Executive Editor

ANITA R. BRENNAN
Associate Editor

Architectural Content Reviewed by

RICHARD L. FORD, JR.

JAMES H. HENING, JR.

EDWARD A. SMITH, III

of the

PUBLIC RELATIONS COMMITTEE

VIRGINIA SOCIETY, AIA

VIRGINIA RECORD is an independent publication cooperating with all organizations that have for their objectives the welfare and development of Virginia. While this publication carries authoritative articles and features on statewide and local industries, business, governmental and civic organizations they are in no other respect responsible for the contents hereof.

Subscriptions

1 Year \$5—2 Years \$8.50

3 Years \$12

Per Copy 75¢

Plus Tax and Postage

Address All Mail to:

VIRGINIA RECORD

P.O. Drawer 2-Y, Richmond, Va. 23205

"Second-class postage paid at Richmond, Va."

IN THIS ISSUE

Guest Editorial by Frederick E. Baukhages, IV

THE VIRGINIA ARCHITECT SECTION

AIA News

Deal Named Associate

BLUE RIDGE CHAPTER, DESIGN AWARDS

THE VVKR PARTNERSHIP — First Honor Award

Woodrow Wilson Junior High School Remodeling

THE VVKR PARTNERSHIP — Honor Awards

Kingery Residence

Southwestern State Hospital — Phase II

SHERERTZ, FRANKLIN & SHAFFNER — Honor Award

Lakewood Manor, Phases I & II

DONALD R. SUNSHINE, AIA — Honor Award

Savior Divine Lutheran Church

MILLS, OBENCHAIN, OLIVER & WEBB, INC. — Honorable Mention

Henning Residence

THE VVKR PARTNERSHIP — Honorable Mentions

United Virginia Bank

Salem Court Facilities

Construction Credits

ODELL ASSOCIATES, INC.

Somervell Hall — Fort Lee

Enlisted Men's Dining Facility, Quantico

THE VVKR PARTNERSHIP

Wood Products Research Center, VPI & SU

THE DESIGN COLLABORATIVE/LASZLO ARANYI, AIA

Woodside Shopping Center

BYRON R. DICKSON, ARCHITECT

Oakwood Facility, Cumberland Bank & Trust Co.

MOSELEY-HENING ASSOCIATES, INC.

Henning Residence

SHERERTZ, FRANKLIN & SHAFFNER

Meadowbrook, Inc.

ARCHITECTS GROUP PRACTICE

Lindsay Cadillac Company — Phase I

WALSH & ASHE

Fraim Residence

MARCELLUS WRIGHT, COX & LADD, P.C.

Ambulatory Care Center

BROWN/RYON ASSOCIATES LTD.

St. Andrew's Episcopal Church

JOHN B. FARMER, JR., AIA

Employee's Entrance at Mill E — Gordonsville Industries

For the Record

Index to Advertisers

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



SERVING
THE EASTERN
UNITED STATES

MODULAR HOMES AND APARTMENTS
PANELIZED HOMES — REAL ESTATE

P. O. Box 5511

Phone (703) 632-7101
MARTINSVILLE, VIRGINIA 24112

P.O. BOX 2250 DANVILLE, VA. 24541
PHONE (804) 797-3277
BOWLING UNITED INDUSTRIES

F. R I C H A R D W I L T O N , J R I N C A L L S

100 Welden Dr. - Lake Ridge Park, Ashland, Virginia 23005 804 798-1321

ULTRA WALLS

MOVEABLE PARTITION



VAUGHAN WALLS®

MOVABLE WALL FLEXIBILITY PERMANENT WALL APPEARANCE

H L BIRUM

PLENAIR LANDSCAPE PARTITION SYSTEM COMBINING
QUIET EFFICIENCY WITH BEAUTY AND MOBILITY

Virginia Roofing Corporation



Phone 751-3200

800 S. Pickett Street
ALEXANDRIA, VA. 22304



"INSURANCE THAT'S ALL"

**GALLION-ELDER
INSURANCE AGENCY,
INC.**

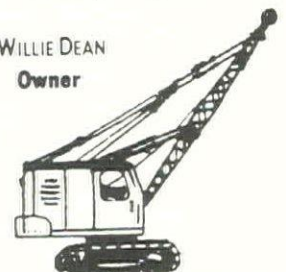
Phone
804-696-2337

1703 Main St.
Victoria, Va.



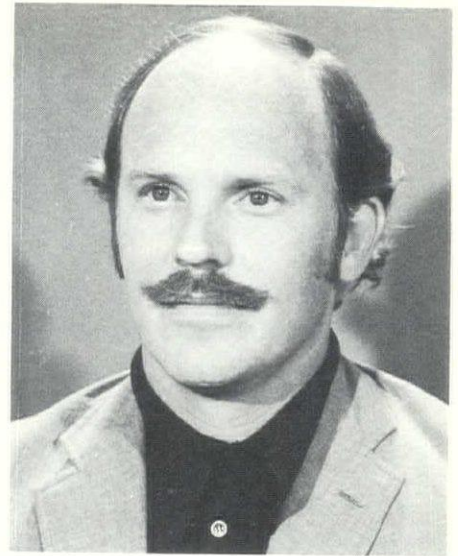
DEAN'S STEEL ERECTION CO., INC.

WILLIE DEAN
Owner



30 TON MOBILE CRANE SERVICE
CERTIFIED WELDERS

DIAL 434-7465
HIGHWAY 11 NORTH
HARRISONBURG, VIRGINIA



By
Frederick E. Baukhages, IV, AIA

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 while 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 constrictions 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 revitalizing 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-environmental-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.



R. E. Lee and Son, Inc.
1460 Hydraulic Road
Charlottesville, Virginia 22906
Telephone (804) 973-1321

General Contractor for the Lakewood Retirement Community, in this issue.

**Construction and Engineering
Management Since 1939**



WATTS AND BREAKELL, INC.

General Contractors

State Registration #6344



2314 Patterson Ave., S.W.

ROANOKE, VA. 24017

Tel. (703) 345-7309

General Contractor for Woodrow Wilson Jr. High School, in this issue.

Webster Elevator Company

Sales — Service

Dial 543-1689

3712 Bainbridge Boulevard

Chesapeake, Va.

TERMINIX SERVICE

*World's Largest Termite Control
Organization Gives You*



A \$150,000.00 PRETREATMENT GUARANTEE

Against New Termite Damage to Your Structure
Low Annual Rates for Termite Continuation Contracts
For the Life of the Structure
"Consult Us About Any Pest Control Problem"

Termite Pretreatment During Construction
Rodent Control for Demolition & Construction
Weed Treatment PRIOR to Paving
Weed Control of Construction Site

Call TERMINIX at

C. BARNES, Mgr.
Norfolk, Va.
855-0157

G.H. BRAUBURGER, Mgr.
Richmond, Va.
359-3537

J.B. ROBERTSON, Mgr.
Roanoke, Va.
344-5173

For Statewide and Nationwide Service



The nationwide pest control experts



NEWS

VIRGINIA SOCIETY
AMERICAN INSTITUTE OF
ARCHITECTS

DEAL NAMED ASSOCIATE

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 Furmanite 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.

DESIGN AWARDS BLUE RIDGE CHAPTER VIRGINIA SOCIETY, AIA

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 Keiser 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 VVKR Partnership
Owner: Roanoke City Schools

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

Publicly Financed Projects
Architect: Hayes, Seay, Mattern & Mattern

Lakewood Manor, Phases I & II
Architect: Sherertz, 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 VVKR Partnership
Owner: Commonwealth of Virginia

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

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

Salem Court Facilities
Architect: The VVKR Partnership
Owner: City of Salem

(Continued)

FIRST HONOR AWARD

Woodrow Wilson Junior High School Remodeling

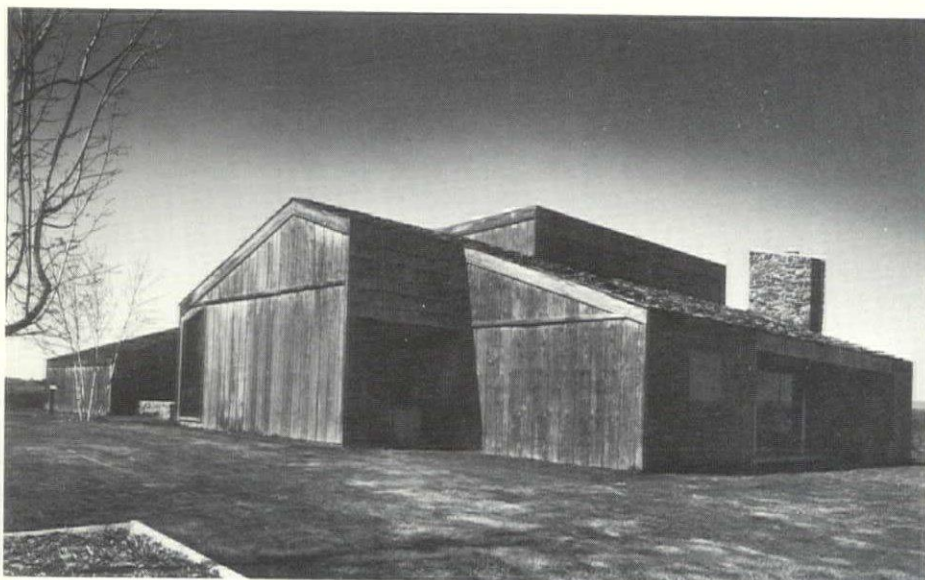
Architect: The VVKR Partnership

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 & Whitescarver •
Electrical Engineer, Sowers, Rodes & Whitescarver •
Landscape Architect, The Wilson-Moreth Partnership •
General Contractor, R. E. Lee & Son, Inc. •
Photography, Huffman Studio.

(Continued)

HONOR AWARD



**Savior Divine
Lutheran Church**

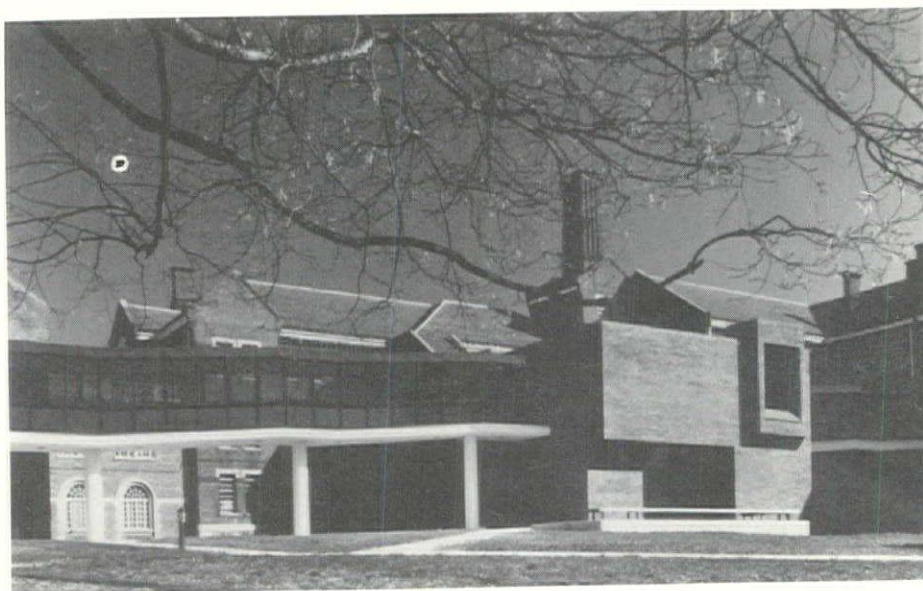
Architect:

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:

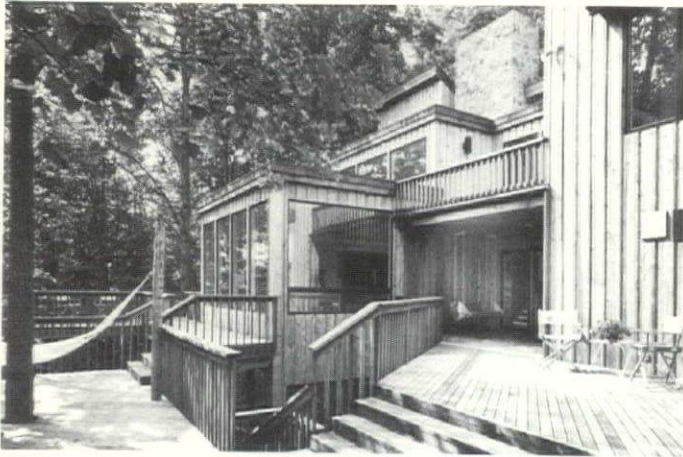
The VVKR Partnership

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

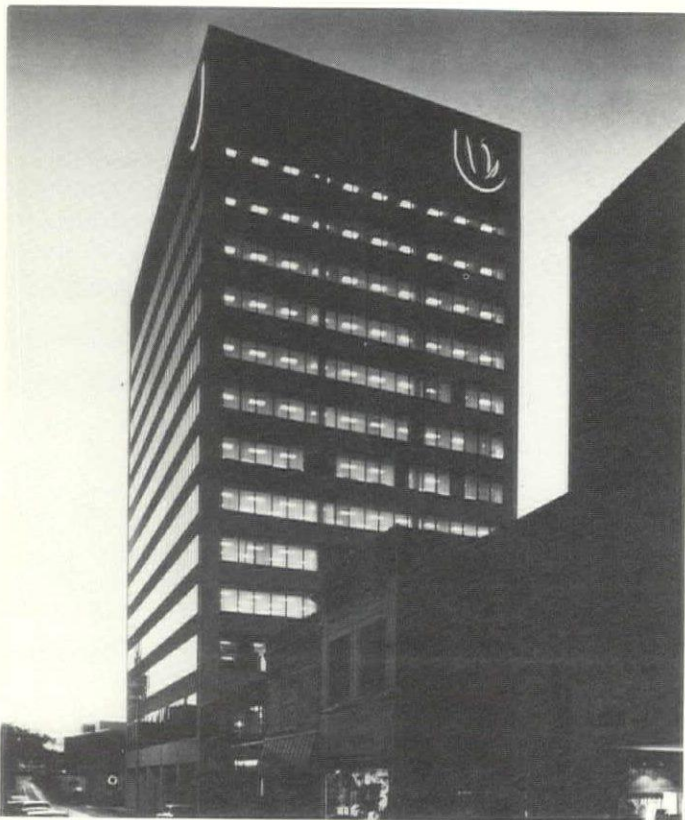
Architect:

**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.

(Continued)

Woodrow Wilson Junior High School Remodeling

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

Subcontractors & Suppliers (Roanoke firms unless noted)

Prillaman 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. & Lightweight Block Co., Inc., masonry suppliers; Riverton Corp., Riverton, mortar; East Coast Steel, Inc., Eastover, SC, steel supplier/joists/roof deck/grating, other roof deck & miscellaneous metal; Frederic Schill & Co., Pompano 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 gates.

Also, Skyline Paint & Hardware, Inc., hardware supplier; Shields, Inc., plaster contractor, gypsum board contractor, acoustical 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., demountable partitions; Wallace Brothers, Inc., Boones Mill, specialties — flagpoles; Greensteel, Inc., Lorton, equipment — chalkboards & tackboards; Steel Products, Inc., Richmond, lockers; Dover Elevator Co., Greensboro, NC, elevators; J. C. Dillard Plumbing & Heating, Salem, plumbing fixture supplier; Temp-O-Matic, Inc., Vinton, plumbing/heating/ventilating/air conditioning contractor; Westinghouse & Simples, electrical equipment supplier; Newcomb Electric, Inc., electrical contractor; and Phillips Studios, construction photographs.

Kingery Residence

Peter P. Slovensky Contractor of Roanoke was general contractor.

Subcontractors & Suppliers (Roanoke firms unless noted)

Kingery Bros. Excavating; Crowell Nursery, sodding, seeding, etc., landscaping & landscaping contractor; William H. Overfelt, Jr. Concrete Contractor, 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; Whitt Carpet & Tile Service, Inc., Salem, carpet; I. 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; Ridenhour Plumbing & Heating, plumbing/heating/ventilating/air conditioning contractor; Williams Supply, Inc., electrical equipment supplier; and C. L. Ray, Jr., Inc., 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 Nurseries, landscaping; Terminix 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; Fendley Floor & Ceiling Co., acoustical treatment; Floor Fashions of Virginia, Charlottesville, resilient flooring; Glidewell Bros., Inc., painting & vinyl wall covering; Virginia Elevator Co., Inc., elevators; Worsham Sprinkler Co., Inc., Mechanicsville, sprinkler system; Hungerford, Inc., mechanical work (except sprinkler work & utilities); and R. L. Dixon, Inc., electrical work.

Also, Montague-Betts Co., Inc., Lynchburg, reinforcing bars; Lone Star Industries, Inc., ready mix concrete; Augusta Steel Corp., Verona, metals; Miller Manufacturing Co., Inc., wood trusses & finish carpentry, millwork & doors; American Steel Products Corp., Woodbridge, hollow metal doors & frames; TMS Builders Supply, Pella windows; U. S. Gypsum Co., gypsum drywall systems; Pleasants Hardware, finish hardware; Acme National Sales Co., Inc., kitchen units; and L-Co, Shamokin, PA, prefabricated wood cabinets.

Subcontractors & Suppliers Phase II

(Richmond firms unless noted)

Brownson Equipment Co., Inc., folding partitions; Cates 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'Ferrall, 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; Terminix Engineers, soil treatment; Virginia Parking Service, Inc., traffic markings; Western Waterproofing Co., Inc., membrane waterproofing; Worsham Sprinkler Co., Inc., Mechanicsville, sprinkler system; Catlett-Johnson Corp., mechanical work; Foster & 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

Baltimore, MD, vertical blinds; Cement Finishing, finish concrete; and Patrick G. Nelson Construction, Inc., masonry.

American Steel Products Corp., Woodbridge, hollow metal doors & frames; Liphart Steel Co., Inc., structural steel; Augusta Steel Corp., Verona, structural steel, metal roof decking, miscellaneous metal & washroom equipment; John J. Bagley, letter boxes; Robert J. Bates, Greensboro, NC, metal louvers; Bosco Bell Granite Co., Manakin, stone; Bowker & Roden, Inc., reinforcing bars & placing accessories; James H. Carr, Inc., Kensington, MD, structural glued laminated timber; Cates Building Specialties, Roanoke, kitchen units; Dynafair Corp., Melville, NY, sliding grilles; Kalwall Corp., Manchester, NH, translucent skyroof; Lone Star Industries, Inc., ready mixed concrete; Mahone, Inc., Roanoke, curtain cubicle, metal flagpole, & dock bumpers; Miller Manufacturing Co., Inc., wood trusses, finish carpentry, millwork & wood doors; Pleasants Hardware, finish hardware; Powers & Anderson, Inc., patient charting system; Rich-Line Manufacturing Co., Inc., casework; Jim Staley, corner guards; and TMS Builders Supply, prefabricated wood windows.

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 & Goff Construction Co., Inc., Glade Spring, masonry contractor; General Shale Products Co., Glasgow, masonry supplier; Lone Star Cement Corp., Cloverdale, 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, waterproofing — elastic membrane & roofing; Celotex, roof insulation; Zonolite, Construction Products Div., W. R. Grace & Co., High Point, NC, wall insulation; Bryant Sheet Metal, Inc., Abingdon, sheet metal; Central Glass Co. of Va., Inc., Bristol, glass, glazing contractor & storefront; Seybar, Inc., Martinsville, metal doors & frames; and Skyline Paint & Hardware, Roanoke, hardware supplier.

Also Shields, Inc., Roanoke, plaster, gypsum board contractor, acoustical treatment & resilient tile; De Hart Tile Co., Inc., Christiansburg, ceramic tile; Marsteller Corp., Roanoke, special flooring; Mills

Contracting, Blacksburg, painting contractor; Sherwin-Williams Co., Roanoke, paint supplier/manufacturer; Engineering Sales Co., Bristol, TN, specialties; Dover Elevator Co., Greensboro, NC, elevators; Crawford Sprinkler Co. of Hickory, Inc., Hickory, NC, sprinkler contractor; Noland Co., Roanoke, plumbing fixture supplier & lighting fixtures supplier; Hayes Plumbing & Heating, Bristol, plumbing/heating/ventilating contractor; Federal, electrical equipment supplier; and Rowland Electric Co., Inc., Marion, electrical contractor.

Henning Residence

John H. Kidd of Hollins was general contractor and handled foundations, concrete work, carpentry, waterproofing and caulking.

Subcontractors & Suppliers (Roanoke firms unless noted)

Craighead & Leslie, Inc., excavating; Roanoke Ready Mix Concrete Corp., concrete supplier; Hamblin & Bell, masonry contractor; B. H. Tingler, Salem, stonework contractor; Structural Steel Co., Inc., steel supplier; Unit Structure, structural wood; Home Lumber Corp., millwork & paneling; Superior Cabinet Co., Hollins, cabinets; 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-Humphreys, Inc., hardware supplier; and J. L. Thompson, plaster contractor.

Also, Paul Tulusso, 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 carpeting.

Subcontractors & Suppliers

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

Others were: McKinney Drilling Co., Nacogdoches, TX, piling; Crowell Nursery, Roanoke, landscaping; The Ceco Corp., Bladensburg, MD, foundations; Montague-Betts Co., Inc., Lynchburg, reinforcing, steel supplier/erection/joists/roof deck/grating and other roof deck; Roanoke Ready Mix Concrete Corp., Roanoke, concrete supplier; Marietta Concrete Co., Marietta, OH, prestressed concrete; Millstone Erectors, Inc., Marlowe Heights, MD, precast

contractor; Brimar Construction Co., Inc., Sharon, PA, masonry supplier; Georgia Marble Setting Co., Columbia, MD, stonework contractor/supplier & 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 Co., 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; Devoe & Reynolds and Glidden, paint manufacturers; Karl Mann Associates, New York, NY, special wall finish; Crown Wallcovering Corp., wall covering; Lee Hartman & Sons, Inc., Roanoke, specialties; Cutler Mail Chute Co., Beltsville, MD, equipment; Frank J. Dean & Co., Inc., soundproofing; Crane Supply Co., Chicago, IL, plumbing fixture supplier; H. A. Gross, Inc., Roanoke, plumbing contractor; The Poole & Kent Corp., Silver Spring, MD, heating/ventilating/air conditioning contractor; and Worsham Sprinkler Co., Inc., Mechanicsville, sprinkler system.

Salem Courts Facilities

Graves Construction Co., Inc., of Blacksburg, was general contractor.

Subcontractors & Suppliers

From Roanoke were: Joe Bandy & Son, Inc., excavating; Paul Overfelt, concrete contractor; Concrete Ready Mixed Corp., concrete supplier; Oxford Building Services, caulking; L. R. Brown, Sr. Paint Co., painting contractor; Cates Building Specialties, specialties; G. J. Hopkins, Inc., plumbing/heating/ventilating/air conditioning contractor; J. M. Murphy Co., Inc., Contractors, electrical contractor; and Superior Exterminating Co., Inc., soil treatment.

Salem firms were: Old Virginia Brick Co., Inc., masonry supplier McClung's, miscellaneous metal; Leonard Smith Sheet Metal & Roofing, Inc., other roofing; Marion Glass & Aluminum, Inc., glazing contractor; and Acoustical Services, Inc., acoustical treatment.

Others were: Southwestern Landscaping, Christiansburg, landscaping & landscaping contractor; Montague-Betts Co., Inc., Lynchburg, reinforcing; Gray Concrete Products, prestressed concrete; Owen Steel Co. of North Carolina, Inc., Gastonia, NC, steel supplier; Floyd 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.

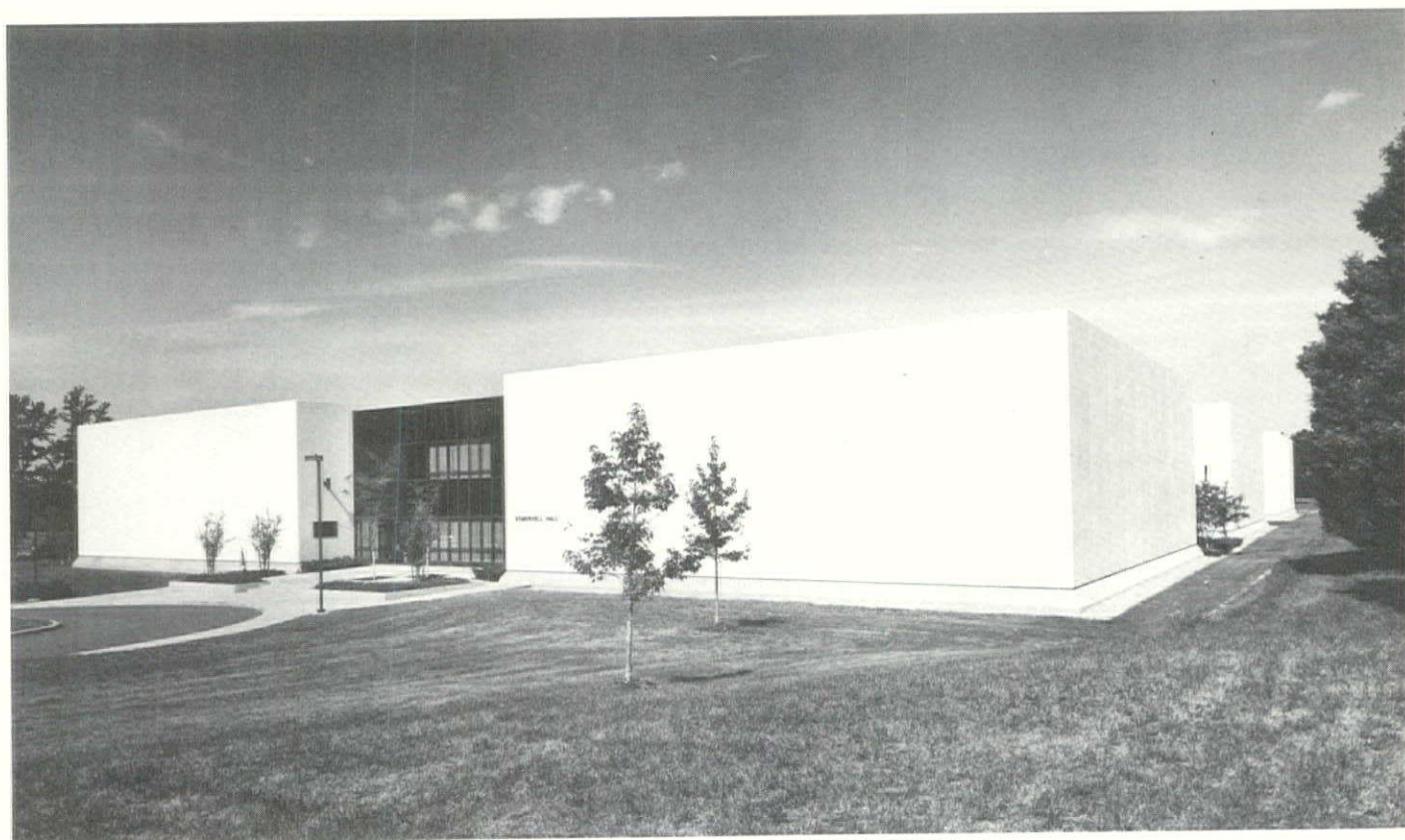


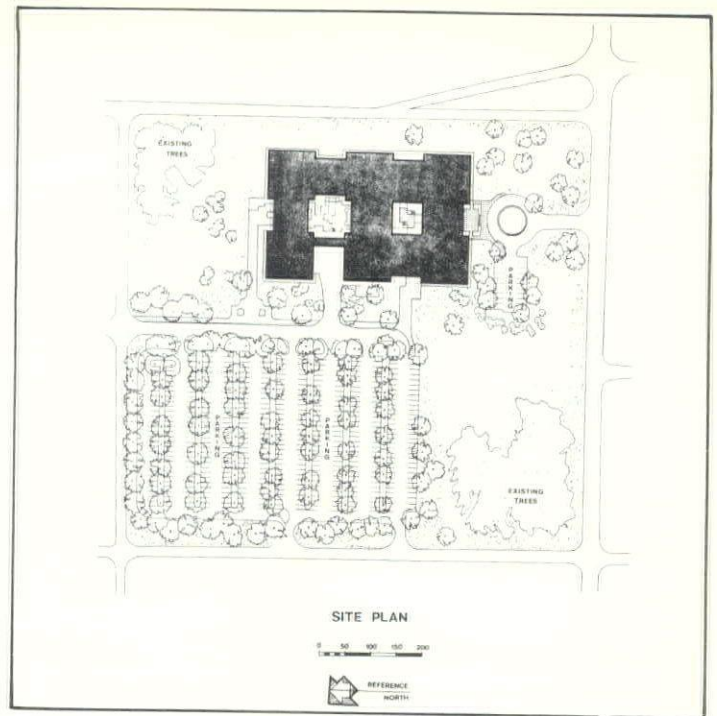
Somervell Hall, Phase I

Fort Lee

Odell Associates, Inc. — Architect

Landscape Architect, Odell Associates, Inc. • Interior Design, Odell Associates, Inc. • General Contractor, Kenbridge Construction Co., Inc. • Photography, Gordon H. Schenck, Jr.



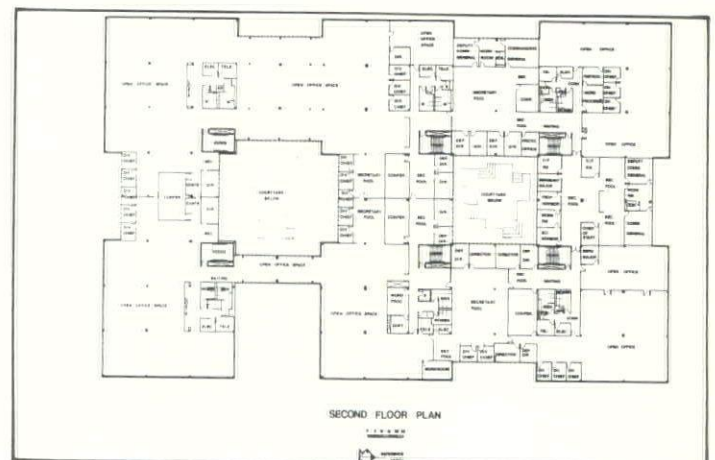
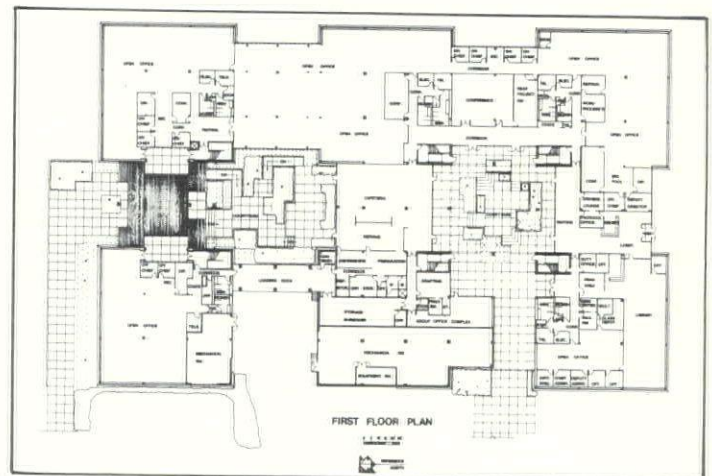


SITE:

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

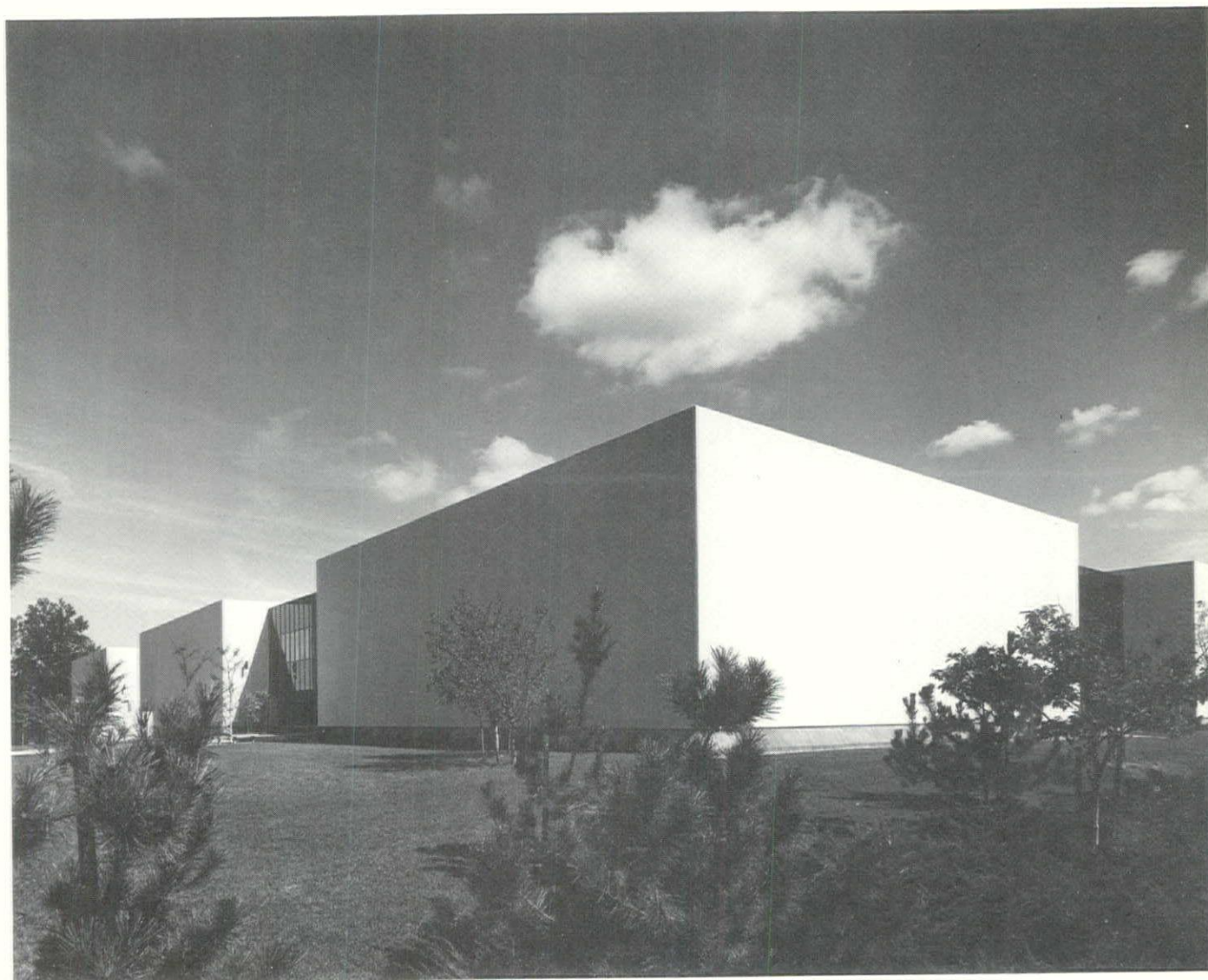




in an environment of quiet, well-lighted, air conditioned and secure offices and conference rooms. Since the user population plays a significant role in the operation of any facility, their social, psychological and physical needs were integrated into the design. An open office plan using light, movable 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)



CONCRETE REPAIR SPECIALISTS

Spall repair

Overlays

EPOXY INJECTION

By the Structural Concrete Bonding® Process

P. O. Box 2528
Lynchburg, Va.
804-846-2774



a division of
cooperative
CONSTRUCTION COMPANY, INC.

FROEHLING & ROBERTSON, INC.

MATERIALS TESTING & INSPECTION — ENGINEERS & CHEMISTS

SINCE



1881

CHARTER



MEMBER

MAIN OFFICE & LABORATORIES

3015 Dumbarton Rd. — P. O. Box 27524, Richmond, Va. 23261 — Tel. 804-264-2701

BRANCH OFFICES

Asheville, N. C. Fayetteville, N. C. Baltimore, Md. Norfolk, Va.
Charlotte, N. C. Raleigh, N. C. Greenville, S. C. Roanoke, Va.

HUMPHREY ELECTRIC CO., INC.

St. Reg. #17076

COMMERCIAL — INDUSTRIAL
RESIDENTIAL

Phone 804-794-4877

724 Grove Road
Midlothian, Va. 23113

J. B. EURELL CO.

Roof Deck Contractors



Specializing in:

GYPSON ROOF DECKS • WOOD FIBER ROOF DECKS
LIGHTWEIGHT CONCRETE ROOF DECKS
ASPHALTIC PERLITE FILL

Telephone 262-8648

5805 School Avenue

P.O. Box 9427
RICHMOND, VA. 23228

P. C. COOPER CONSTRUCTION CO.

*Highway Contractors
Public Utilities*

Phone (615) 323-5417

RD #2

Blountville, Tenn.

Kenbridge Construction Co.

General



Contractors

RESIDENTIAL
COMMERCIAL — INDUSTRIAL

Phone 676-8221

KENBRIDGE, VA. 23944



Lightweight — Insulating. Fireproofing

Water Repellent Masonry Fill Insulation
Lightweight Insulating Roof Deck Systems
Insulation — Granular and Glass Fiber
Plaster Aggregate — Vermiculite and Perlite
Polystyrene Rigid Insulation
Mono-Kote (Cementitious Mixture for
Direct-Steel-to-Steel Fireproofing)

ZONOLITE DIVISION
W. R. GRACE & CO.
Plants Serving This Area

P.O. Box 1308, High Point, N.C.
Ph: 886-1807 — Area 919

P.O. Box 347, Beltsville, Md.
Ph: 953-2863 — Area 301

S. R. DRAPER PAVING CO.

Established 1945

Serving the Area Contractors, the City of
Roanoke & the State Highway Department
with our own PLANT-MIXED PAVING MATERIALS
RESIDENTIAL — COMMERCIAL — INDUSTRIAL

FREE ESTIMATES EQUIPMENT RENTAL

Concrete Crossovers

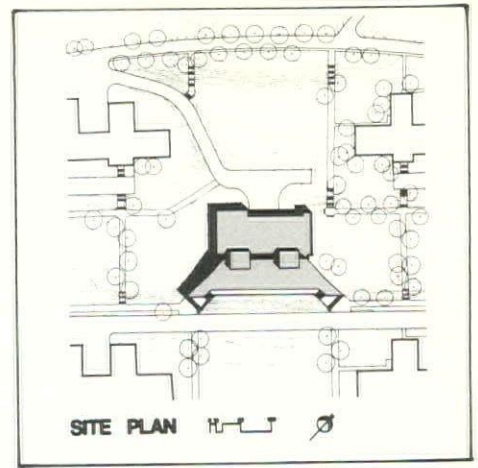
Curbs — Gutters — Sidewalks

PLANT - Located 2 Miles South of City Limits
On the Old Rocky Mount Road

Mailing Address
Rt. 8 - Box 643

Phone
774-4419

ROANOKE, VA. 24014



EM Dining Facility

Marine Corps Base, Quantico

Odell Associates, Inc. — Architect

Landscape Architect, Odell Associates, Inc. • Interior Design, Odell Associates, Inc. • General Contractor, Richard W. Whyte Construction Co., Inc. • Photography, Gordon H. Schenck, Jr.



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:

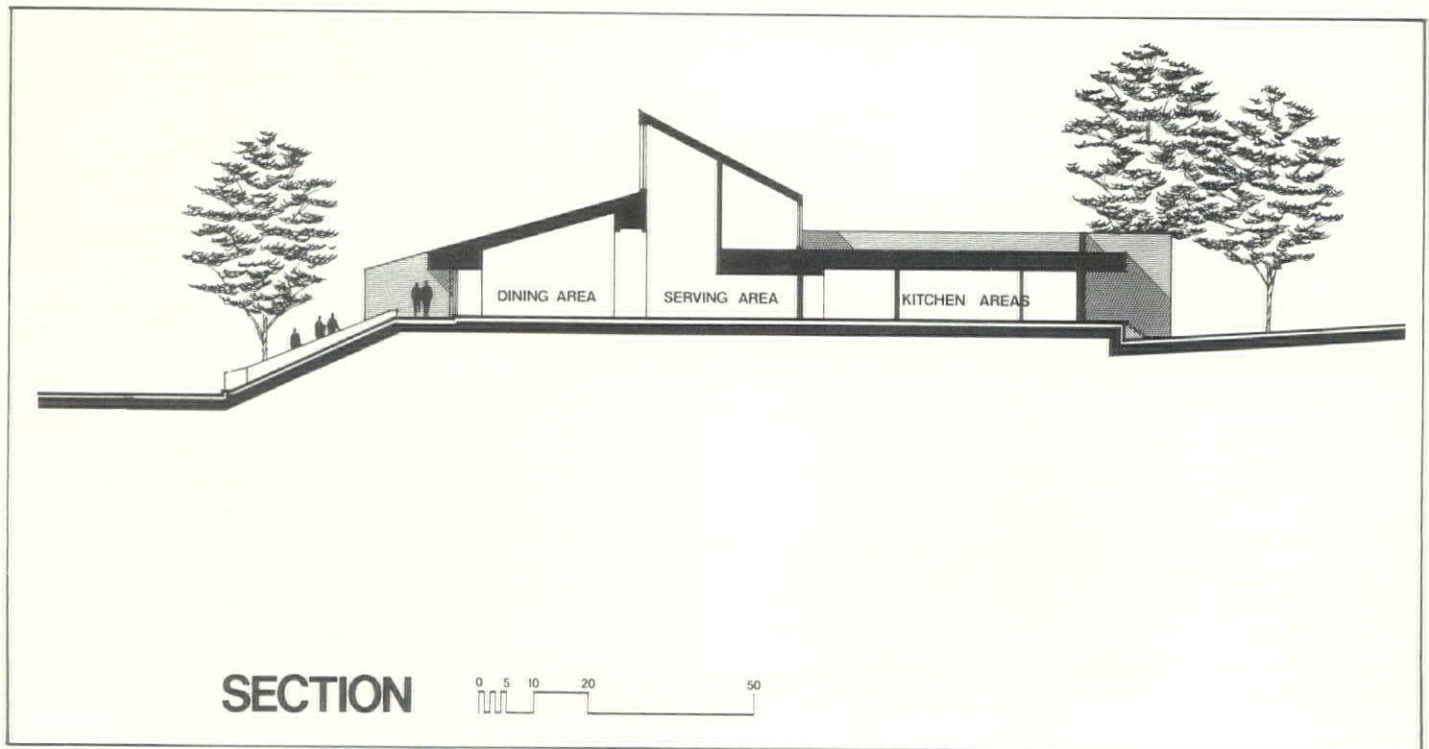
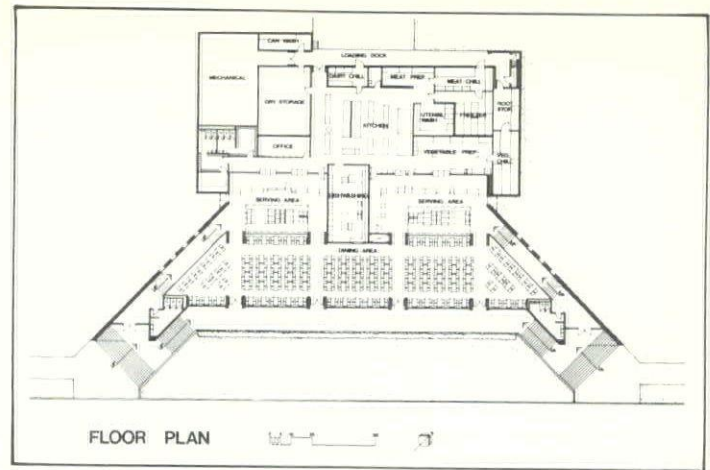
This new Enlisted Men's Dining Facility, serving 2,000 people, was designed to replace three obsolete mess halls located in barracks on a large military base. The sloping site, together with circulation and service requirements, and the need to be indigenous with the existing buildings, influenced the 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.

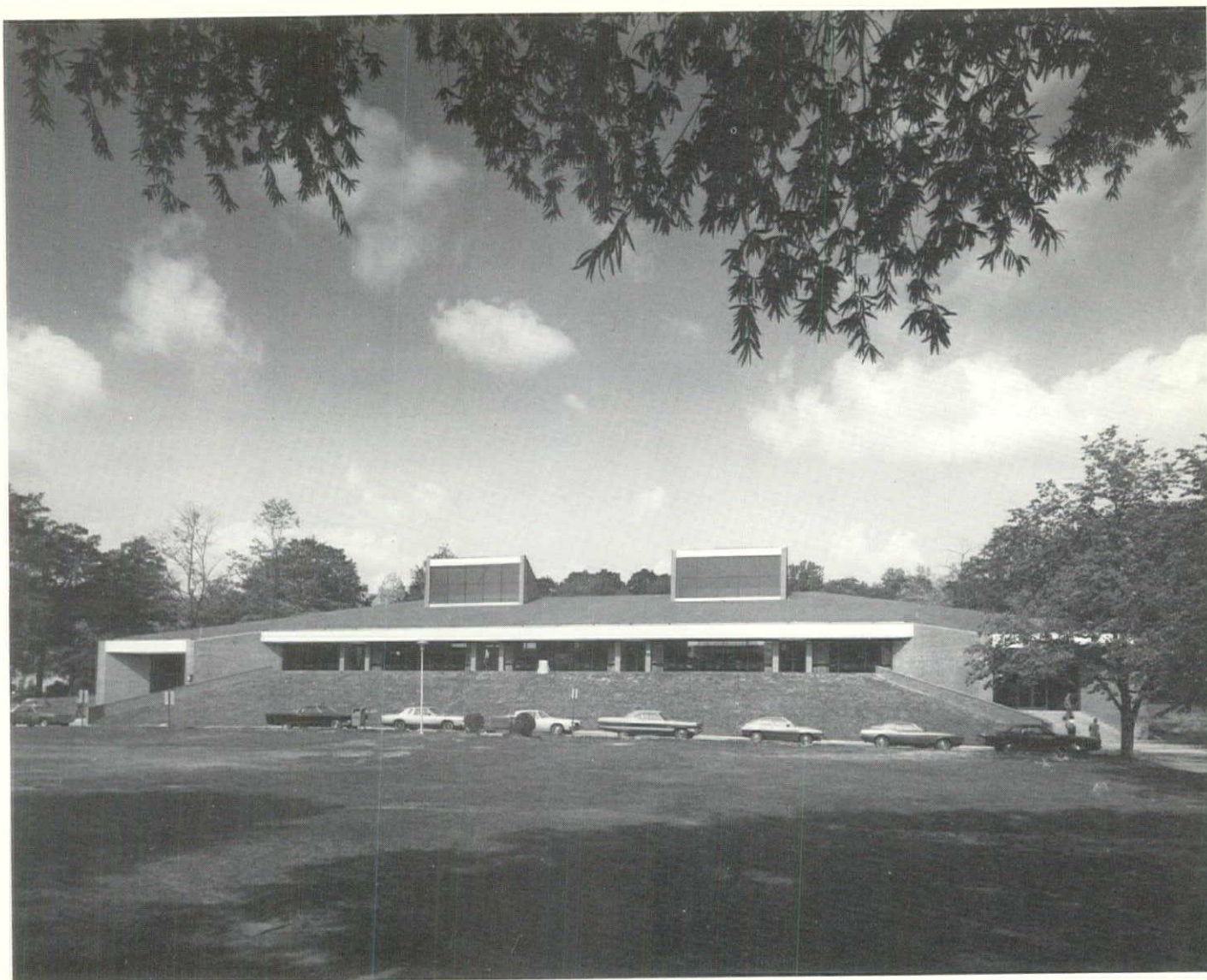
CONSTRUCTION AND MATERIALS:

With masonry exterior walls, the construction work included: reinforced spread foundations; masonry and dry wall interior partitions; steel joists; 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





and the American Institute of Architects Biennial Awards Program for Distinguished Architectural Achievement in 1978.

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., Capitol 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)





R. D. Bean, Inc.

RAILROAD AVENUE

• BELTSVILLE, MARYLAND 20705 •

(301) 345-7660

H. DRIVER & CO.

General Contractors

Commercial - Industrial

St. Reg. #13673



**BUILDING
SYSTEMS**

P. O. Box 220

Phone 740-3151

NEW MARKET, VIRGINIA 22844

HOT MIX ASPHALT PAVING

**SUPERIOR
PAVING CORP.**

**SERVING
NORTHERN VIRGINIA**

Box 379

CENTREVILLE, VA.

703-631-0004



Glen Construction Co., Inc.

**121 Congressional Lane
Rockville, Maryland 20852
(301) 881-6400**

General Contractor

Va. St. Reg. #6801

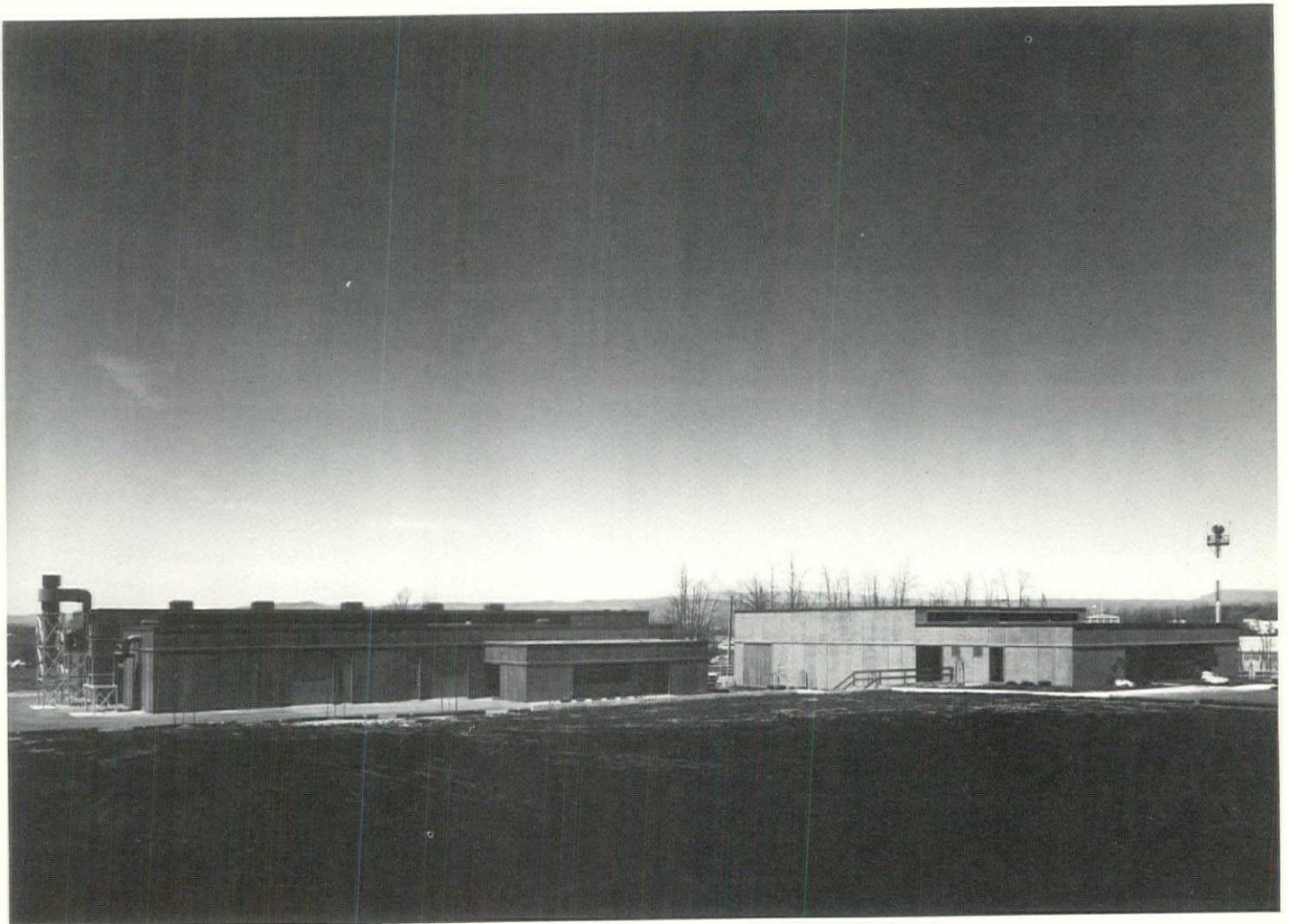


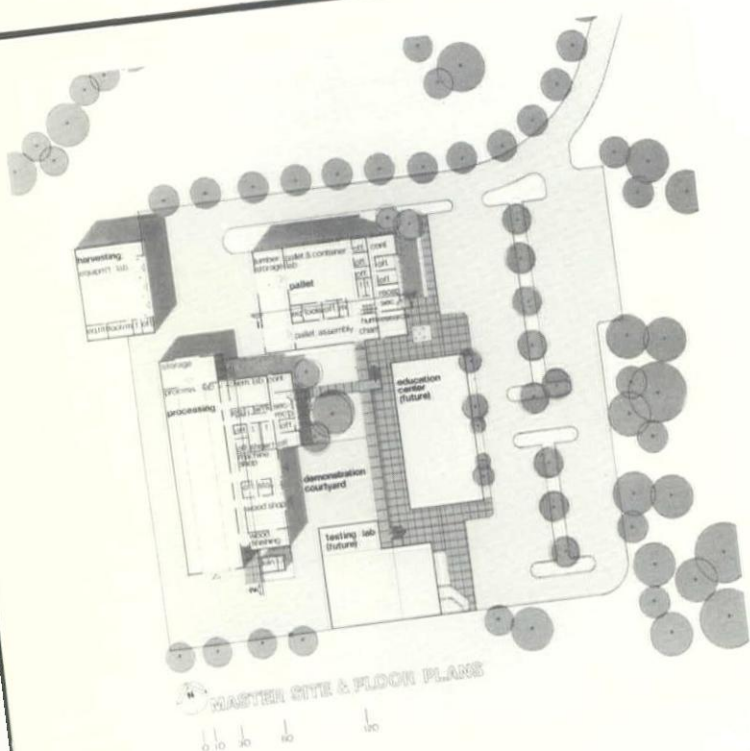
Wood Products Research Center

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 (VPI&SU) 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; Devoe & Reynolds Paint Center, paint supplier/manufacture; 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/heating/ventilating/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

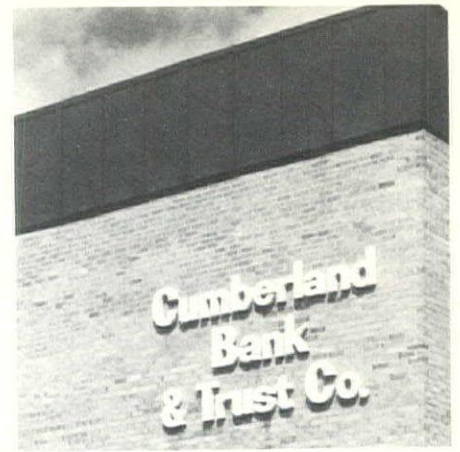
Be-Lo Supermarkets

(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.



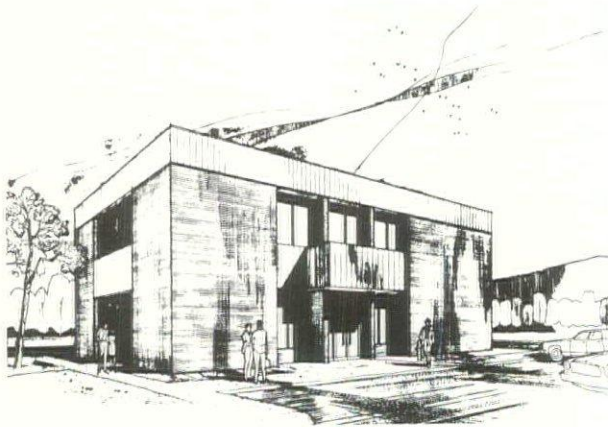


Oakwood Facility, Cumberland Bank & Trust

Oakwood

Byron R. Dickson — Architect

Mechanical Engineer, Lawrence E. Perry & Associates • Electrical Engineer, Lawrence E. Perry & Associates • Structural Engineer, Richard L. Williams • Project Coordinator, Design/Build Team • General Contractor, Days Construction Co., Inc.

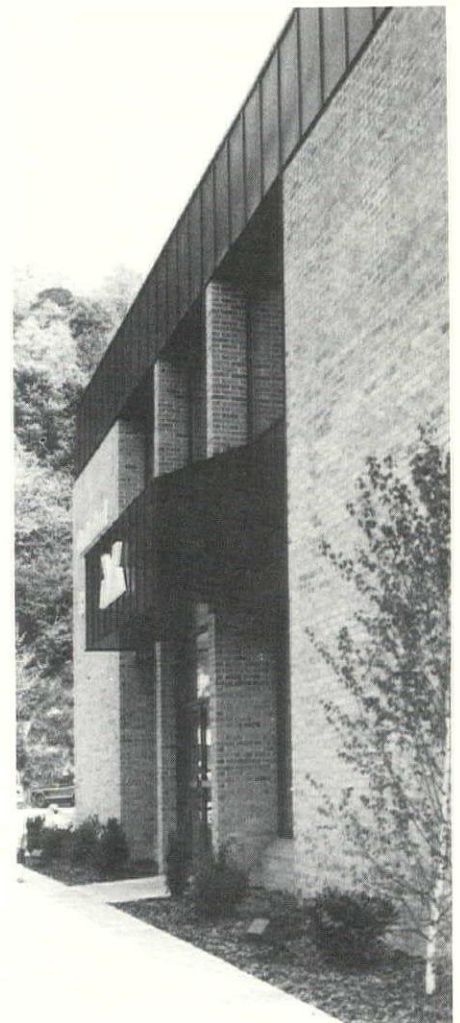


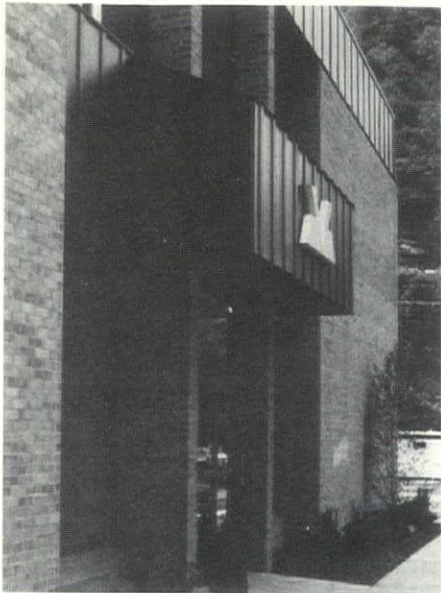
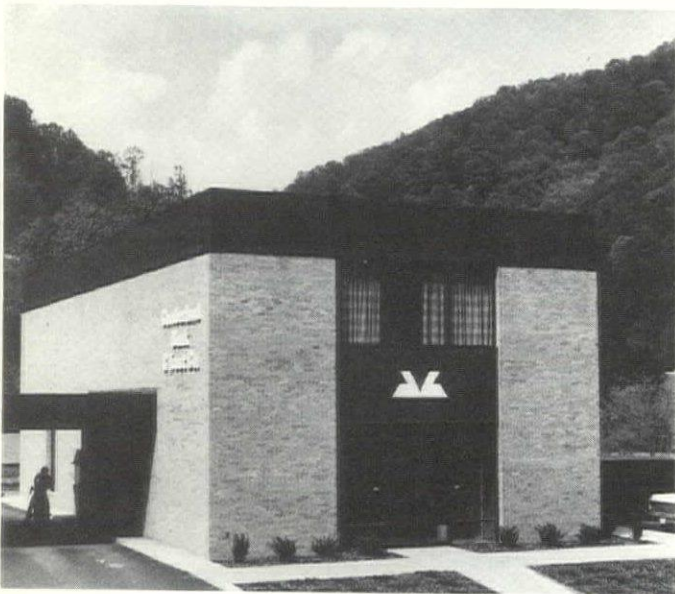
Cumberland Bank & Trust Company's new Oakwood facility will provide full service contemporary banking to the area surrounding Oakwood and Route 460, overlooking the Levisa River in Buchanan County.

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 Dominibank 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.

Days 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; Barnette, Inc., Richlands, plumbing fixture supplier, plumbing/heat-ing/ventilating/air conditioning/electrical contractor, electrical equipment supplier, and water filtering equipment; and Diebold, Inc., Canton, Ohio, bank equipment.

Clifton Floor & Tile Service

CARPET — CERAMIC TILE — PARQUET — HARDWOOD FLOORING

Phone 703-389-2984

802 S. Market Street

Salem, Virginia

American Mechanical, Inc.

Industrial — Commercial — Residential

Phone 276-4071

5138 W. Belmont Road

Richmond, Virginia

CATES BUILDING SPECIALTIES, INC.

ROANOKE — WAYNESBORO — RICHMOND, VIRGINIA

STEEL PARTITIONS
HOLLOW METAL
CONTRACT HARDWARE
OVERHEAD DOORS



STEEL & WOOD DOORS
TOILET PARTITIONS
FOLDING PARTITIONS
CONCRETE ADDITIVES

WAREHOUSE STOCK — INSTALLATION — SERVICE

S. B. COX, INC.

Demolition Contractors

CONSTRUCTIVE DEMOLITION

INDUSTRIAL — COMMERCIAL

RESIDENTIAL

Old Handmade Brick for Sale
Serving Virginia and Carolina

5200 Hatcher St.

Phone 804-222-2232

Richmond, Va. 23231

Valley Roofing Corp.

*Roofing and Sheet Metal
Contractors*

COMMERCIAL AND INDUSTRIAL

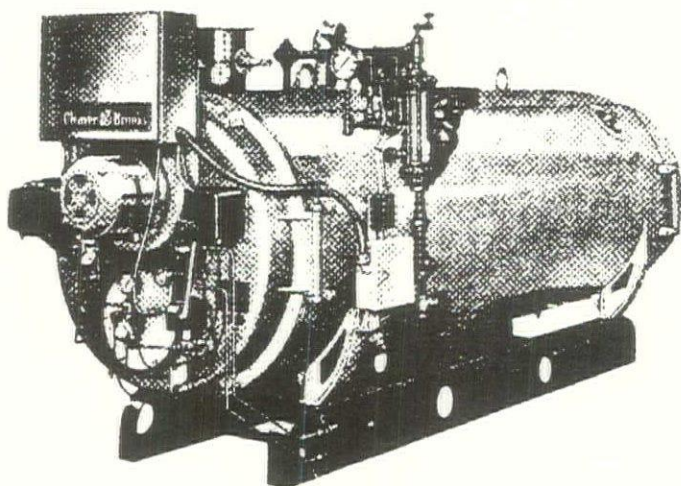


2745 Shenandoah Ave., N.W.

Phone 343-1728

ROANOKE, VIRGINIA

Put **Cleaver Brooks**
In Your Plans . . .



There's a World of Difference!

W. WALLACE NEALE CO.

2307 WESTWOOD AVENUE

RICHMOND, VIRGINIA 23230

TELEPHONE 355-7484

At Peden, we're ready.

Peden Steel Fabricating Divisions:
Raleigh, NC; Nashville, NC

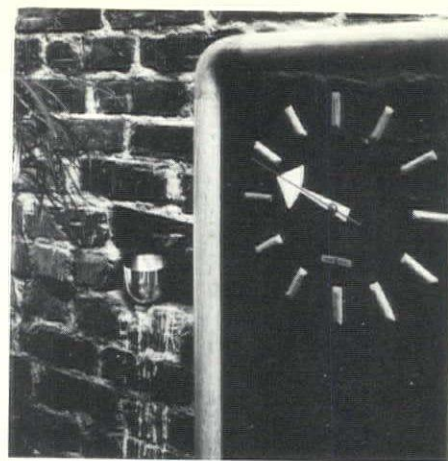
Peden Steel Service Center:
Raleigh, NC

Fabricating Subsidiary:
Volunteer Structures, Inc.
Nashville, Tenn.

Main Offices:
PO Drawer 26208, Raleigh, NC 27611
(919) 832-2081



Founded 1878



Hening Residence

Richmond

Moseley-Hening Associates, Inc. — Architect



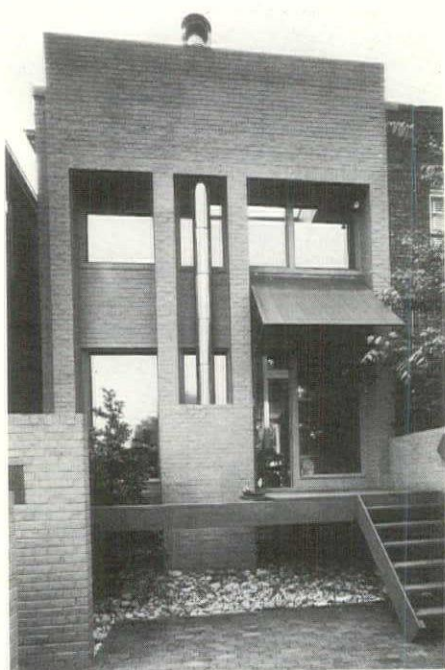
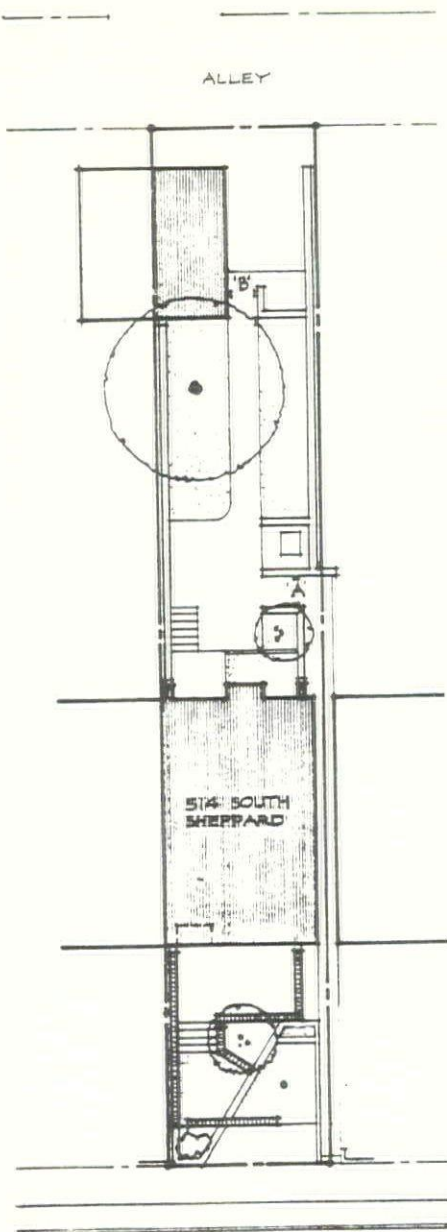
Mechanical Engineer, Moseley-Hening Assoc., Inc. •
Electrical Engineer, Moseley-Hening Assoc., Inc. •
Structural Engineer, Alvin W. Dunbar • Landscape
Architect, Moseley-Hening Assoc., Inc. • Interior
Design, Moseley-Hening Assoc., Inc. • General
Contractor, Browning Building Co. • Photography,
Huffman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

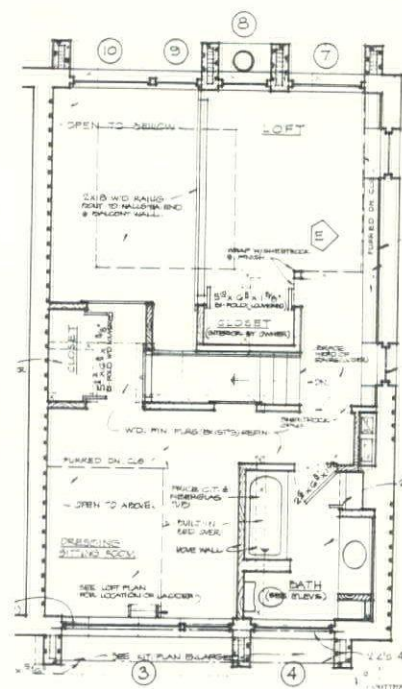
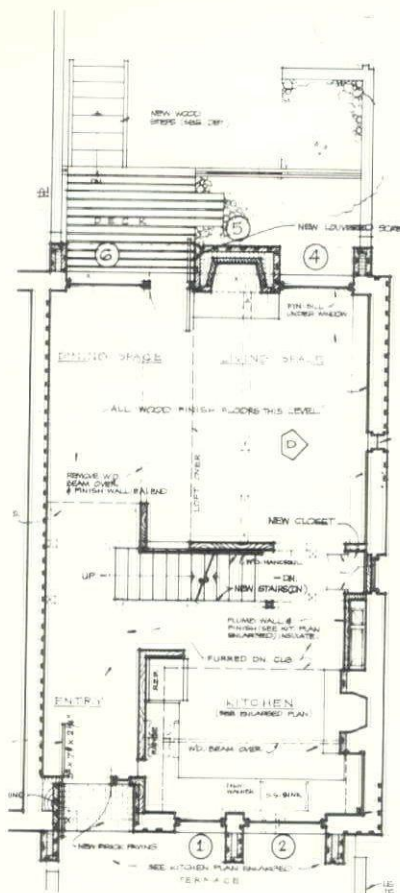
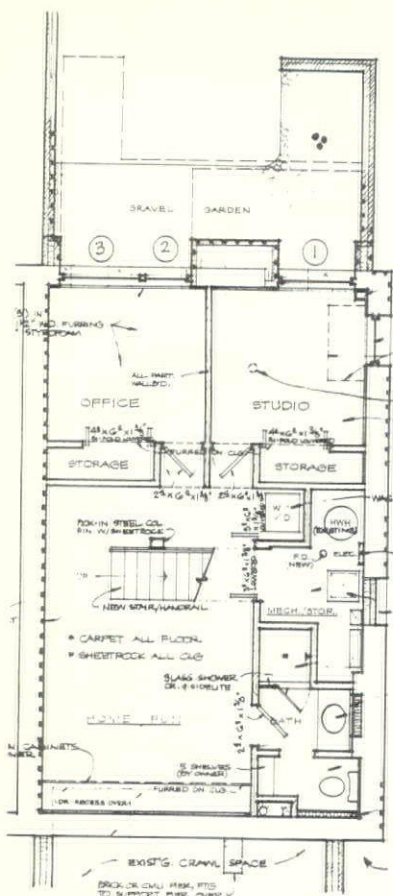


modern efficient heat pump system. The new mechanical system is designed with provision for installing solar assistance in the future, while windows have a solar film that reduces heat gain in the summer and increases heat absorption in the winter.

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.

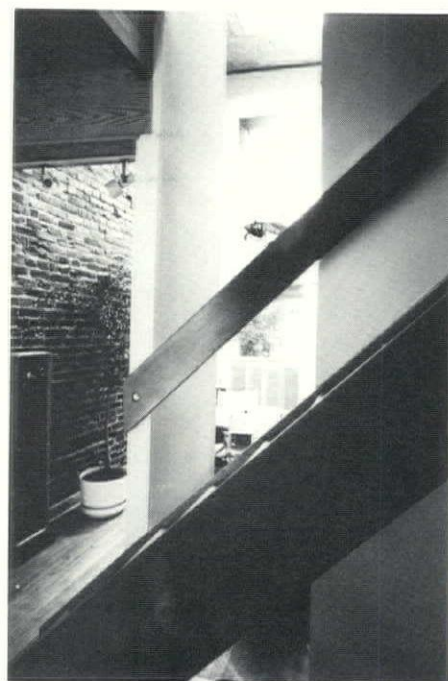
Subcontractors & Suppliers (Richmond firms unless noted)

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 Boisclae & 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.



"THANK YOU FOR USING
FAMOUS WEBSTER BRICK"

WEBSTER BRICK COMPANY, Inc.

MANUFACTURERS OF
FAMOUS WEBSTER BRICK AND WEBLITE BLOCK

GENERAL OFFICES ROANOKE, VIRGINIA 24004



PLANTS
ROANOKE, VIRGINIA
WEBSTER, VIRGINIA
SUFFOLK, VIRGINIA
SOMERSET, VIRGINIA
EDEN, N. C.



AUTHORIZED DEALER

Armco Building Systems

PHONE (703) 885-0886

J. B. WINE & SON, INC.

GENERAL CONTRACTORS

P. O. BOX 1000
VERONA, VIRGINIA



L. C. SMITH, INC.

Brick Specialist Since 1932

Serving
Northern Virginia
Metropolitan Washington & Maryland

Phone 703 - 751-5420
5920 Farrington Ave., Alexandria, Va. 22304

H & H SUPPLY CO., Inc.

Abrasives — Anchors — Hangers — Fasteners — Rivets
Cutting Tools — Hand Tools — Power Tools — Air Tools
Saws — Safety Equipment — Rainwear

MATERIALS HANDLING MAINTENANCE SUPPLIES

Phones
358-8491 — 355-6362
2614 W. Cary St., Richmond, Va.

Roanoke Concrete Products Co., Inc.

CONCRETE PIPE, ALL STANDARD SPECIFICATIONS;
CONCRETE PIPE, LONG LENGTH WITH RUBBER JOINTS;
RIGHT OF WAY MONUMENTS

P.O. Box 1975

ROANOKE, VA.

Phone 703-342-6725

Western Waterproofing Company, Inc.
NATIONWIDE SERVICE • MISSOURI CORPORATION
ENGINEERS/CONTRACTORS
WATERPROOFING & RESTORATION
CONTRACTORS
Phone 704/334-9775
P.O. Box 3426, Charlotte, N.C. 28203

POWER EQUIPMENT CO. ELECTRICAL & MECHANICAL EQUIPMENT

for

POWER, INDUSTRIAL AND SEWAGE TREATMENT PROJECTS

AIR CONDITIONING EQUIPMENT

BOILERS — FANS — HEATERS — MOTORS — PUMPS

Phone 355-2888
1307 W. Main St.

P. O. Box 1-G
Richmond, Va. 23201

L. H. Sawyer Paving Co., Inc.

Grading & Paving

Phone 703-389-2768

St. Reg. #6727

Salem, Virginia 24153

Corte Company, Inc.

GENERAL BUILDING

HIGHWAY & PUBLIC UTILITY CONSTRUCTION

Phone (703) 322-5491
P. O. Box 8 Bluefield, W. Va. 24701

Andrews Large & Whidden Inc.

St. Reg. #5433

INDUSTRIAL — COMMERCIAL — INSTITUTIONAL

P.O. Box 527



Phone 392-6144

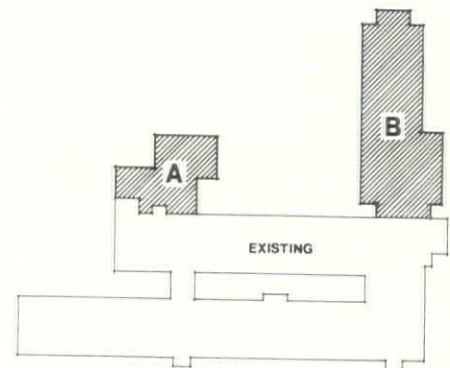
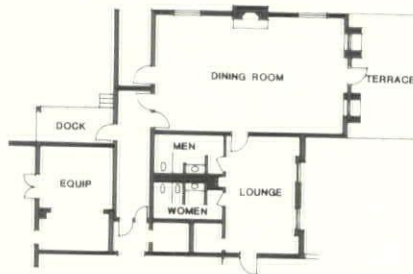
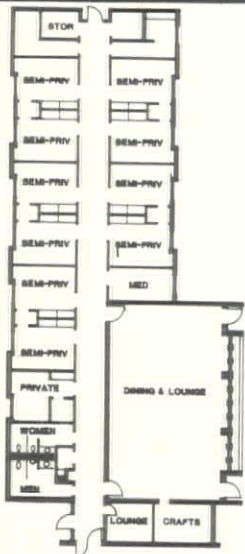
FARMVILLE, VIRGINIA 23901



Meadowbrook, Inc. — Additions & Alterations

Sherertz Franklin & Shaffner — Architect

Interior Design, SFS Interiors • General Contractor, J. M. Turner & Co., Inc. • Photography, Sherertz Franklin & Shaffner.



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)



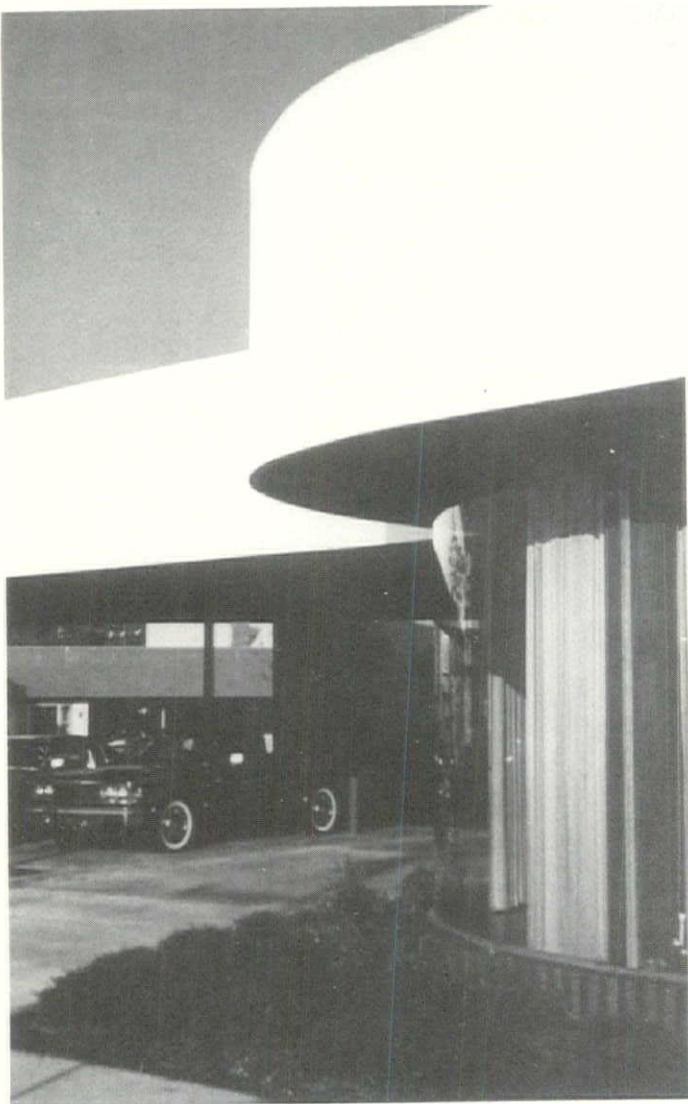


Lindsay Cadillac Company

Phase I — Customer Service — Alexandria

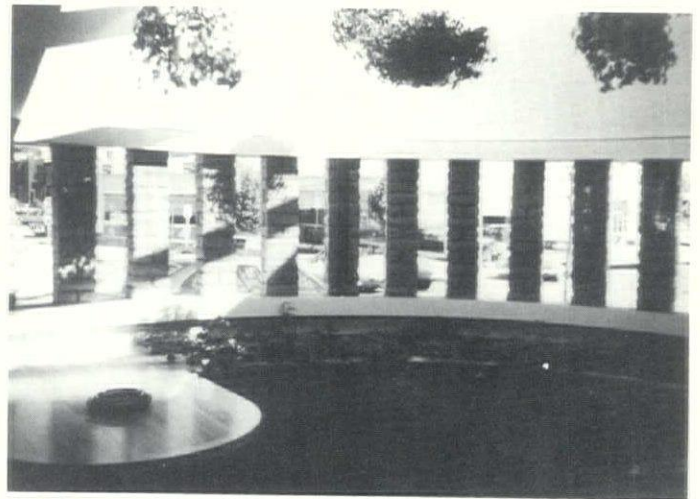
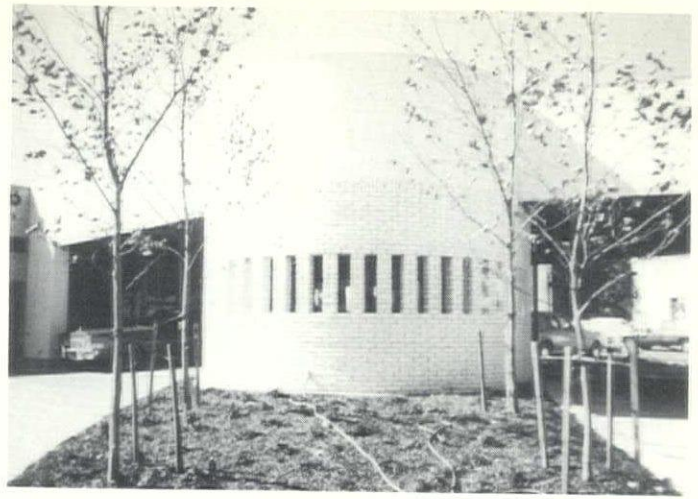
Architects Group Practice — Architects and Engineers

Mechanical Engineer, Reed Adams Assoc. • Electrical Engineer, Reed Adams Assoc. • Structural Engineer, Uwe K. Hinz, P.E. • Lighting, Peter Barna/Lighting Design • Construction Cost, Scharf & Son • Landscape Architect, EDAW, Inc. • Owner, Lindsay Cadillac Co., Charles T. Lindsay, Jr., President • General Contractor, Eugene Simpson & Brother.



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 facing 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)

Hill's Nursery & Camellia Gardens, Arlington, landscaping; D. Compe, Inc., architectural coating; Becker Electric Co., Inc., electrical installation; Virginia Roofing Corp., roofing; Production II, Inc.,

millwork; Virginia Concrete Co., Inc., Springfield, concrete; Hallmark Iron Works, Inc., Lorton, metals; Fries, Beall & Sharpe Co., Inc., McLean, hardware; Tart Lumber & Hardware Co., Inc., Arlington, lumber; Allen Glass Co., Inc., glass; L. C. Smith, Inc., masonry supplier; United Masonry, Inc., masonry installation; and Super Sky Products, Inc., Thiensville, WI, skylight.





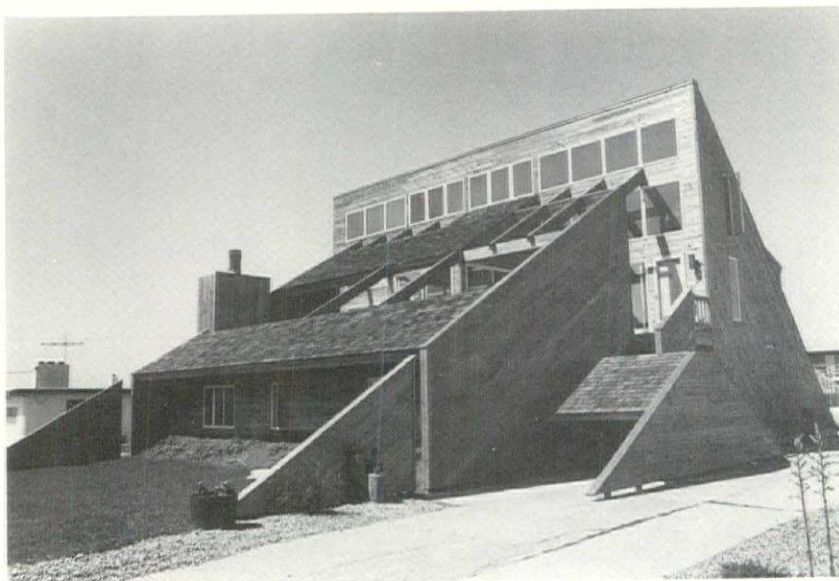
Fraim Residence

Sandbridge/Virginia Beach

Walsh and Ashe — Architects



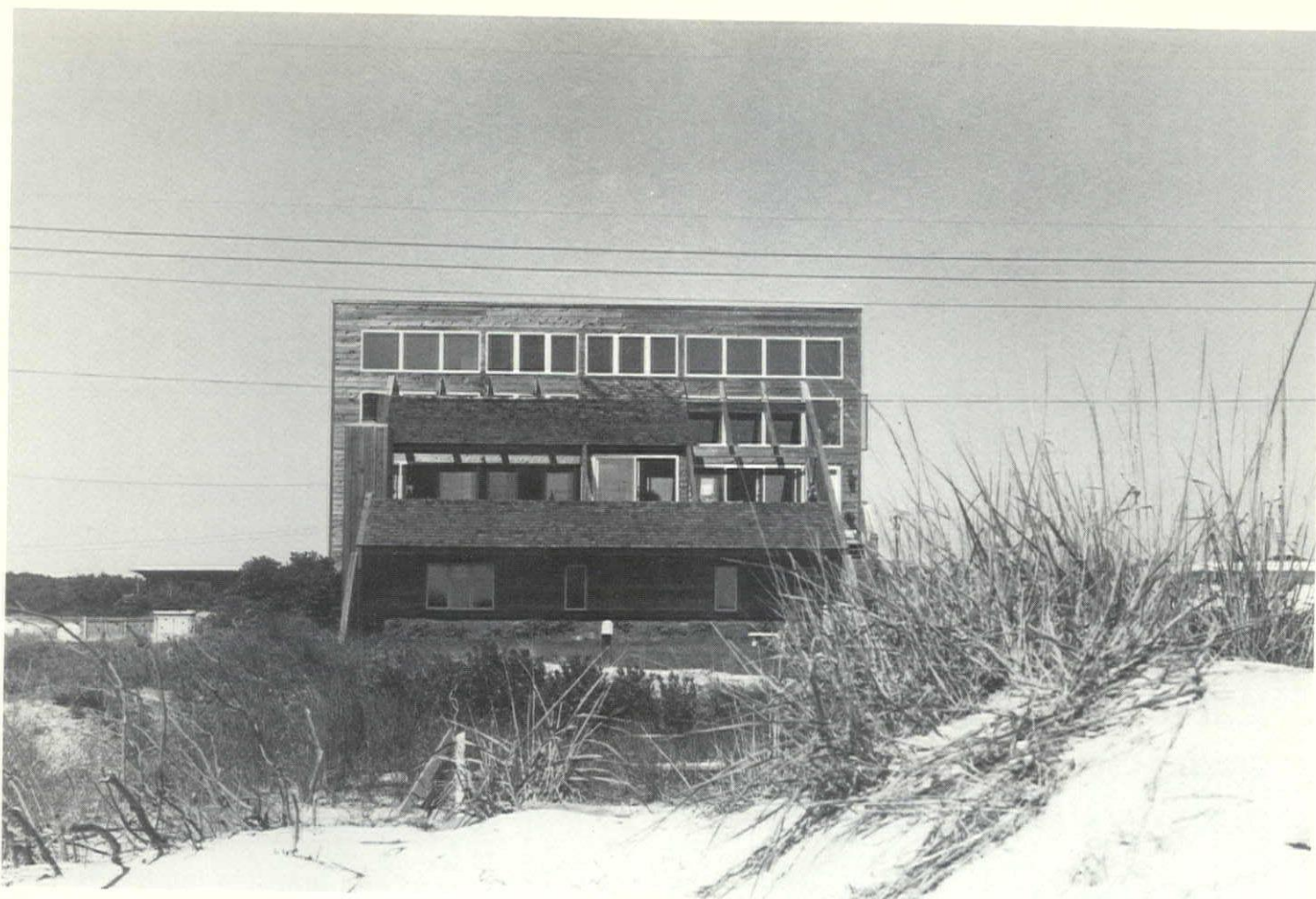
Owner, Thomas E. Fraim • General Contractor, E. C. Miller • Photography, Daniel (Ezra) Dills.



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.



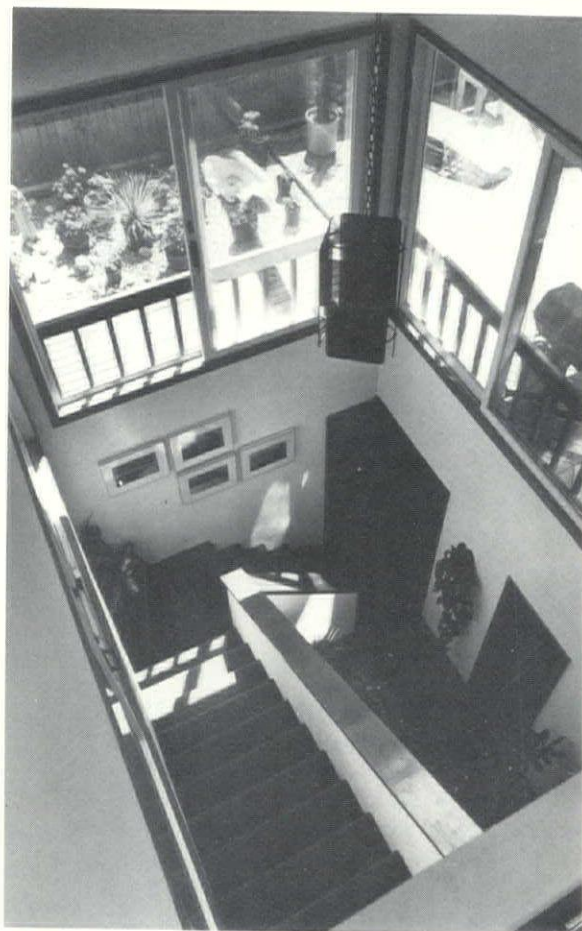
The cost for new construction was \$30.00 per square foot.

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.



ABLE

EQUIPMENT CO., INC.

NEW LOCATION
21900 N. WASHINGTON HIGHWAY
GLEN ALLEN, VA. 23060
NEW PHONE — 804-798-1358

VISIT OUR NEW
LOCATION AND
SHOWROOM
RENTALS
SALES

CHESAPEAKE PARTITION, INC.

*Acoustical Tile, Dry Wall
Lathing & Plastering*

St. Reg. #10063

500 Freeman Ave.

Phone 543-6875

Norfolk, VA 23324

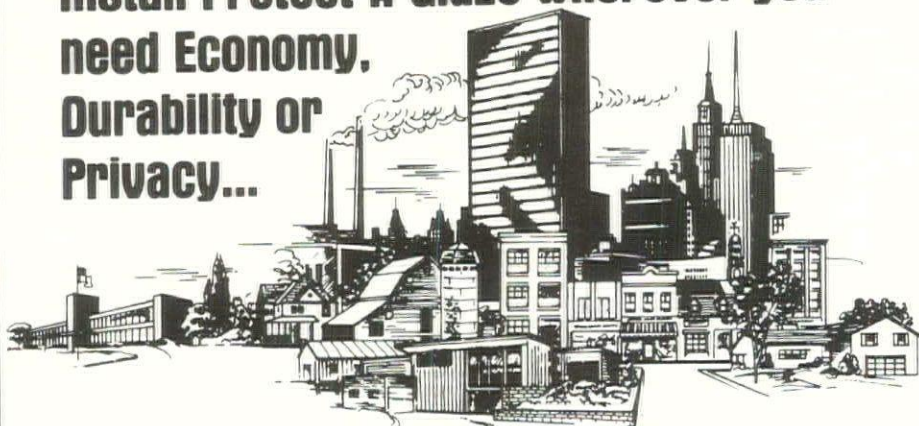
GENERAL ELECTRIC

Protect-A-GlazeTM

SHEET

• Patterned • Economical • Guaranteed Against Breakage

Install Protect-A-Glaze wherever you
need Economy,
Durability or
Privacy...



Protect-A-Glaze is the only Patterned Glazing Material

- Guaranteed Against Breakage
- U. L. listed Burglar Resistant
- Certified as a Safety Glazing Material
- 250 Times Stronger than Glass and Better Insulating Qualities
- Meets OSHA Requirements
- Excellent Weathering and Color Retention
- Easy to Install and Maintain
- Available in: Clear, Blue, Blue Green, Green and Bronze

Binswanger glass co.
DIVISION OF NATIONAL GYPSUM COMPANY

Richmond	804-359-3201
Newport News	804-244-4979
Norfolk	804-857-0601
Greensboro	919-292-2930

J. Lawson Jones Construction Co., Inc.

Roads & Bridges

P. O. Box 696

Phone 374-8342

CLARKSVILLE, VA. 23927

"We Are An Equal Opportunity Employer"



HOGSHIRE INDUSTRIES, INC.

ESTABLISHED 1898

Jobbers and Manufacturers

CANVAS, VINYL &
ALUMINUM PRODUCTS
Tarps — Covers — Tar Covers

Phone 804-622-4776

2401 Hampton Boulevard, Norfolk, Va.
23517

T. E. RITTER CORP.

"Serving Tidewater Since 1930"

**Aerolite® Foam
Insulation**

**Manufactured by
CIBA — GEIGY**

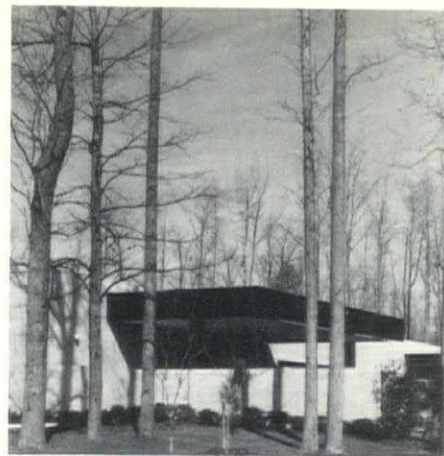
APPLIED TO NEW OR EXISTING
RESIDENTIAL & COMMERCIAL STRUCTURES
Thermal and acoustical cavity-wall
insulation. Molds around studs, wires,
window sills, door frames and other
hard-to-reach building cavities. Call
us for Free Energy Computerized
Audit.

Free Estimates

Call 622-3831

Financing

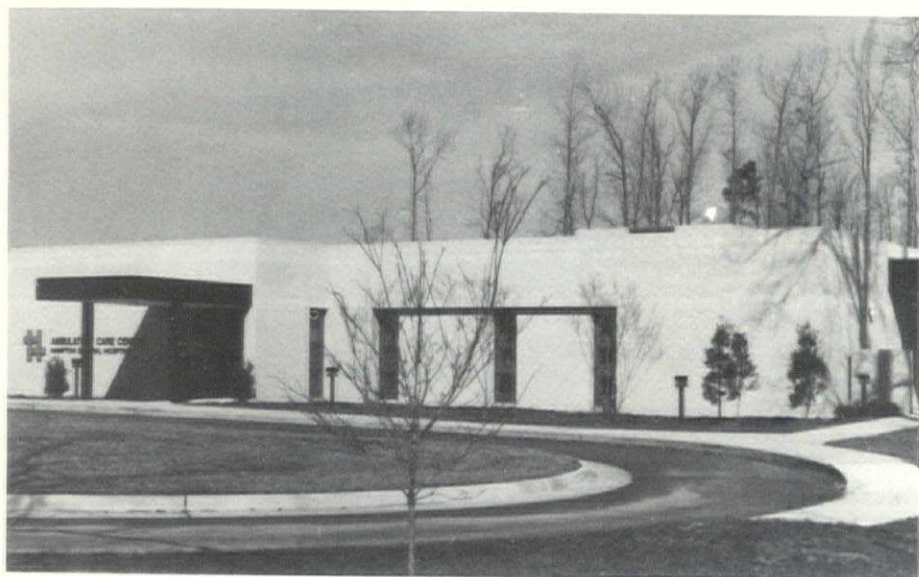
Pollard Street & West Avenue
NORFOLK, VIRGINIA



Ambulatory Care Center

Hampton

Marcellus Wright, Cox & Ladd, P.C. — Architects



General Contractor, Leon H. Perlin Company, Inc.

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



**J. CARRINGTON BURGESS
MASONRY CONTRACTORS, INC.**

St. Reg. #9886

RESIDENTIAL — COMMERCIAL — INDUSTRIAL
7206 Impala Drive Phone 264-2849 Richmond, Va. 23228

Tri-County Asphalt Co., Inc.

General Contractors — Highway & Heavy Construction

P. O. Box 629

Leesburg, Virginia

Phone 777-4228

Worsham Sprinkler Co., Inc.



FIRE PROTECTION
SYSTEMS

SALES & COMPLETE SERVICE

1037 Elm Drive

Phone 804-746-5241

Mechanicsville, Va.

**Payne
Construction Co.**

General Contractors

St. Reg. #6887

Commercial — Industrial

Phone 804-292-4487

North Main Street

BLACKSTONE, VIRGINIA

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: Tidwater Nursery, landscaping; L. C. Heath Roofing, Inc., roofing, flashing & 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 pendant & 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.

Joseph Heflin & Sons Inc.

Plumbing / Heating

"SERVING NORTHERN VIRGINIA SINCE 1931"

Repairs & Remodeling

Call (703) 281-5220

10419 Wickens Road

Vienna, Virginia 22180

**SEABOARD
Building Supply Co., Inc.**

Division of
Seaboard Paint & Supply Co.

Phone 486-3200

Distributors of
SCHLAGE, YALE and KWIKSET HARDWARE
2626 Barrett Street
Virginia Beach, Va. 23452

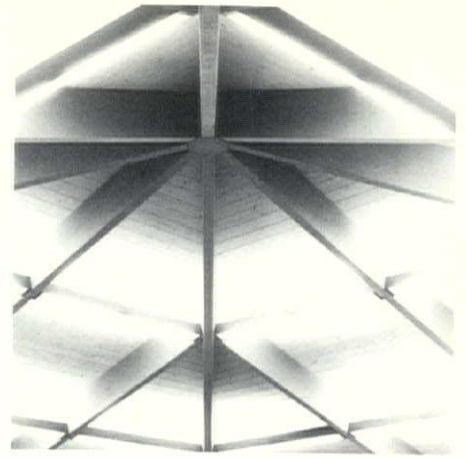
**General
Tile & Marble
Co., Inc.**

TILE, MARBLE & TERRAZZO

2118 Lake Avenue

Phone 804-353-2761

RICHMOND, VIRGINIA



St. Andrew's Episcopal Church

Burke

Brown/Ryon Associates, Ltd. — Architect



Mechanical Engineer, Strickler Associates •
Electrical Engineer, Strickler Associates • Structural
Engineer, F.D.E. Ltd. • Civil Engineer, Patton, Harris,
Rust & Gay • General Contractor, Miller Brothers of
Arlington, Inc. • Photography, William P.
Brown/Ralph Snell.

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 classrooms are provided.

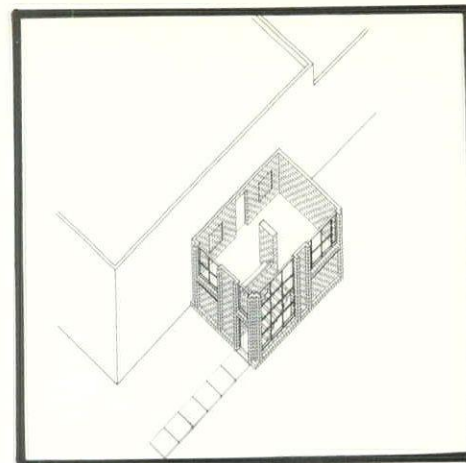
All furnishings are movable; and relocatable when the church grows.

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

Mechanical Engineer, Systems II • Electrical Engineer, Systems II • Structural Engineer, Dunbar, Milby & Williams • Staff Designer, Lucia B. Phinney • Landscape Architect, Land Planning and Design Assoc. • Interior Design, Lucia B. Phinney • General Contractor, L. White & Co., Inc. • Photography, John B. Farmer, Jr.

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.

P. L. BOOZE, INC.

*General Plumbing and
Heating Contractor*

St. Reg. #3243

AMERICAN-STANDARD PRODUCTS

512 Maple Ave. Phone (703) 938-8212
VIENNA, VA. 22180

Don Largent Roofing Company, Inc.

Roofing and Sheet Metal

ROOFING MATERIALS

"OVER FIFTY YEARS COMBINED EXPERIENCE"

COMMERCIAL — INDUSTRIAL

1021 Toppin

Dial (703) 434-0868

HARRISONBURG, VIRGINIA

ANDREWS & PARRISH CO.

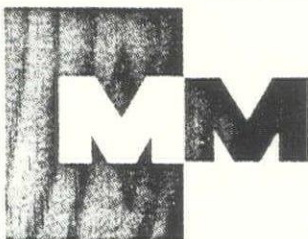
GENERAL CONTRACTORS

State Registration No. 3218

Commercial and Industrial Construction

306 Richardson Road
Ashland, Va. 23005

Telephone
804-798-9078



MILLER MANUFACTURING COMPANY

STOCKTON STREET, 6TH TO 7TH

POST OFFICE BOX 1356

RICHMOND, VIRGINIA 23211

PHONE 232-4551

MILLWORK DIVISION to architectural specifications according to plans; specializing in residential, institutional, commercial and industrial millwork.

MILLER HOMES DIVISION. Quality manufactured homes, ranging in size from 812 to 2800 sq. ft. They are becoming increasingly popular throughout the country.

BOX DIVISION specializes in the manufacture of boxes to a variety of industries; such as beverage cases, milk and bread boxes, fruit and vegetable crates.

DISPLAY DIVISION is geared to develop and produce custom-tailored permanent display and merchandizing fixtures.

K. R. Olsen, Manager



NATKIN

SERVICE COMPANY INCORPORATED

(Commercial - Industrial - Institutional)

22000 WASHINGTON HWY NORTH
P. O. BOX 25597

CALL US AT (804) 798-8336
AFTER HOURS, CALL 255-6501
RICHMOND, VIRGINIA 23261

We will prepare Complete Articles, including Architectural Photographs and Illustrations of Building Construction Projects, suitable for submission to magazines such as the VIRGINIA RECORD, and newspapers, etc.

RICHARD N. ANDERSON
P. O. Box 6882, Charlottesville, Va. 22906

ERIC W. ANDERSON
2601 E. Broad St., Richmond, Va. 23230
(804) 788-0174

CEDAR ROOFS OF RICHMOND, INC.



Roofing Contractors

RESIDENTIAL & COMMERCIAL
WHOLESALE & RETAIL

2718 Cofer Road

RICHMOND, VA.

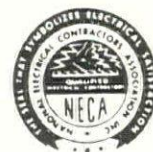
Phone 804-232-1229

Serving Central & Southern Virginia

COOPER ELECTRICAL CONSTRUCTION COMPANY

Electrical Contractors

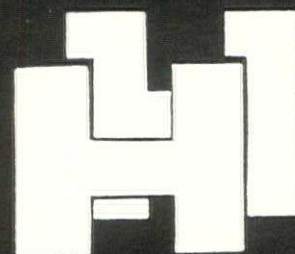
COMMERCIAL



INDUSTRIAL

Va. St. Reg. #3205

Dial (919) 275-8439
1023 Huffman Street
GREENSBORO,
NORTH CAROLINA

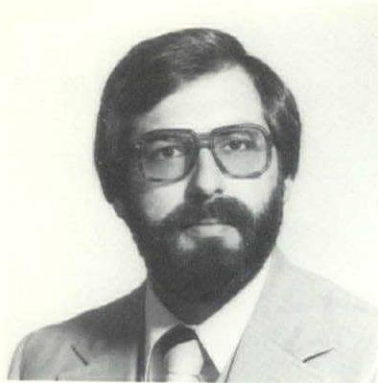


HESSE & HURT, INC.

**Paint Contractors
For 62 Years**

Specializing in
Glazed Coatings
Wallcovering
and
Painting

Ben Eubank
123 West Luck Avenue
Roanoke 342-4645



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.



SMILING BROADLY after being named to the top management positions of the Richmond branch of Davenport Insulation, Inc., are branch manager Wallace Clarke, right, and Sam Giordano, director of sales.

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.

New Terminal Manager

• Kenneth Lynn Hipp has been promoted to 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.

The Hutter Corp.

Phone 804-847-5588

Lynchburg, Virginia 24501

Innamorato Construction Co., Inc.

Masonry Contractor

St. Reg. #A 8549

COMMERCIAL — INDUSTRIAL — RESIDENTIAL

Phone 703-683-4442

Alexandria, Virginia 22301

CHAPMAN & MARTIN, INC.

Painting Contractors

St. Reg. #12007

Commercial — Industrial — Residential

Painting & Wallcovering

Amelia Phone 561-4928 — Amelia, Va. 23002

Also— Farmville Phone 392-3402

Dover Elevator Co.

Richmond — Roanoke — Norfolk
Virginia

Tune & Toler, Inc.

Plumbing, Heating & Electrical
Contractors

MASONIC BUILDING PHONE 432-3821
CHATHAM, VA.
St. Reg. #7452

Jarrett Welding Co.

Complete Welding Service

- Electric & Acetylene
- Portable Welding Equipment

954 Whitmell St. Dial 793-3717
DANVILLE, VIRGINIA

Garbers of Richmond Inc.

Trading as
THE OVERHEAD DOOR COMPANY
OF RICHMOND

2201 E. Franklin St.
RICHMOND, VA. 23223
Phone 648-3041

BETCO SUPPLY CO.

Concrete Saws — Grinders
Hand Tools — Roto Hammers
Concrete & Metal
Cutting & Grinding Wheels
Hoists — Water Coolers
Rigid Cutting & Threading Tools
2434 Willis Rd. 271-8901
Richmond, Virginia

COLONIAL

Printing and Stationery Co.

- Offset
- Letterpress
- Continuous & Snap-apart Forms
- Office Supplies
- Rubber Stamps
- Office Furniture
- Layout Service

Dial 804-359-2411
1408 Roseneath Rd.
Richmond, Va. 23230

HEYWARD

CONSTRUCTION COMPANY, INC.

GENERAL CONTRACTOR
INDUSTRIAL
COMMERCIAL
RESTORATION
RECYCLING

PHONE
804 782-9661
ST. REG. #A 13477

POST OFFICE BOX 12466
11 NORTH MADISON STREET
RICHMOND, VIRGINIA 23241

GRAY LUMBER COMPANY

*Specializing in
Dimension Lumber*

*Since
1884*

Phone 804-834-2292

WAVERLY, VIRGINIA

Central Electrical Service Corp.

ELECTRIC CONTRACTORS

PROMPT & EFFICIENT
ELECTRICAL SERVICE

RESIDENTIAL REPAIRS
INDUSTRIAL & COMMERCIAL WIRING
MAINTENANCE AND REPAIRS
NEW INSTALLATIONS



ELECTRIC HEATING
RESIDENTIAL AND COMMERCIAL
DIAL 353-5531

REGINALD E. BAKER
RICHARD M. FORD

3202 Rosedale Ave.
Richmond, Virginia 23230

Leonard Smith Sheet Metal & Roofing, Inc.

Roofing & Sheet Metal Contractors

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

1020 College Ave.

SALEM, VIRGINIA 24153

Phone (703) 389-8614

C.W.M. HARTMAN, INC.



General Contractors

15 NORTH 5TH STREET • P.O. BOX 648
WARRENTON, VIRGINIA • 703/347-3211

Reg. Va. #3508

Somervell Hall

(From Page 18)

buffer and to centrally locate it in relation to other post facilities.

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 3-1/4" 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

Construction Cost - \$5,667,000

Cost Per Sq. Ft. - \$36.33

Owner - Norfolk Corps of Engineers

Kenbridge Construction Co., Inc. of Kenbridge was general contractor and handled foundations, concrete work, carpentry and wall insulation.

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; Stonnell & Satterwhite, Inc. (now H. E. Satterwhite, Inc.), ceramic tile; Manson & Utley, Inc., acoustical treatment & resilient tile; H. H. Robertson & Co., electrified floor system; Paris Shade Shoppe, Inc., draw curtains; 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/joists/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.

DAVID A. REED & SONS, INC.

Excavating & Foundations

St. Reg. # 6566

Phone 434-9909
560 Waterman Drive

P.O. Box 292
Harrisonburg, Va. 22801

LIPHART STEEL CO.

•DESIGNERS
•FABRICATORS
•ERECTORS

STRUCTURAL STEEL - ORNAMENTAL IRON

OFFICE AND PLANT

3308 Rosedale Ave.
Richmond, Va. 23230

PHONE

(804)355-7481



G. L. Cline & Son Inc.

General Contractors

St. Reg. #6137

COMMERCIAL - INDUSTRIAL

Phone 487-5396

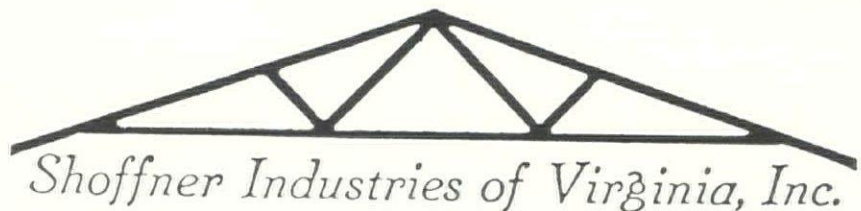
3110 Victory Blvd.
PORTSMOUTH, VA. 23702

HEATWOLE TILE COMPANY

*Specializing in
Floor Covering of All Types
also
Carpet & Ceramics*

111 Pleasant Hill Rd.

Phone 703-434-2041
Harrisonburg, Va. 22801



QUALITY PRODUCTS FOR QUALITY BUILDERS

P. O. Box 12085

NORFOLK, VA. 23502

PHONE 466-8122 AREA 804

Hammond Brothers Inc.

General Building Contractors
St. Reg. #17115

Phone 443-3375

P.O. Box 963

Tappahannock, Va. 22560

Wiley N. Jackson Company

General Contractor
St. Reg. #10013

Roads — Bridges — Site Work

Phone 703-389-0251
1645 Apperson Drive, Salem, Virginia

Brick Makers in Richmond since 1871

Redford Brick Co., Inc.

LOCALLY Owned & Operated

231-1175 — Phone — 232-6786

RESIDENTIAL — COMMERCIAL
INDUSTRIAL

Manufacturers and Distributors

12th & Maury Sts.
Richmond, Va. 23224

Shenandoah's Pride

* DAIRY PRODUCTS *

Valley of Virginia Milk Producers

Co-operative Association

Richmond
Harrisonburg
Woodstock
Winchester
Front Royal
Luray
Springfield
Staunton
VIRGINIA

Martinsburg
WEST VIRGINIA

Hagerstown
MARYLAND

COSTEN FLOORS, INC.

St. Reg. #7013

*We Furnish
Install & Guarantee
Hardwood Floors*

• STRIP • PARQUET

• GYMNASIUM

&

• PORTABLE FLOORS

Warehouse & Showroom
Call 804-264-2996
Telegraph Rd. & U.S. #1, North
Richmond, Va.

EM Dining Facility

(From Page 22)

masonry supplier; Adams Fabricated Steel Corp., Baltimore, MD, steel supplier/erection/joists/roof deck; J. B. Eurell Co., Richmond, other roof deck; Hallmark Iron Works, Inc., Newington, steel grating, miscellaneous metal & handrails; R. D. Bean, Inc., Beltsville, MD, built-up roof & roof insulation; W. M. Schoenfelder & Assocs., Inc., Bethesda, MD, metal doors & frames; Yeatman Architectural Hardware, Inc., Clinton, MD, hardware supplier; Fitzgerald & Co.,

Bladensburg, MD, plaster contractor & gypsum board contractor; Anning-Johnson Co., Newington, acoustical treatment; Hill & Schneider, Inc., Rockville, MD, painting contractor & wall covering; and Ennis Electric Co., Manassas, electrical contractor.

Also, from Alexandria, were: Allen Glass Co., Inc., window wall; storefront, glass & glazing contractor; McClary Tile, Inc., terrazzo & ceramic tile; Marty's Floor Covering Co., Inc., resilient tile & carpet; R. S. Somers, Inc., kitchen equipment; and Alexandria Plumbing & Heating, Inc., plumbing/heating/ventilating/air conditioning contractor.

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 joists; 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, roof 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 & landscaping 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; Fenestra, Erie, PA, metal doors & frames; Weyerhaeuser Co., Marshfield, WI, wood doors; Pella Clad Casements, Pella, IA, windows; Botetourt Tile Co., Fincastle, ceramic tile; Devoe & Reynolds Co., Inc., paint manufacturer; C/S Acrovyn, special wall finish; Ben F. Shawver Jr. & Assoc., Shawsville, plumbing fixture supplier, lighting fixtures/electrical equipment supplier & plumbing/heating/ventilating/air conditioning contractor.

W. D. WALL SHEET METAL SHOP

Herbert Wall, Owner

Phone (804) 520-2413

Ettrick, Virginia

REAL ESTATE

SALES

PROPERTY MANAGEMENT

RENTALS

HUGH L. HOLLAND, JR.

Phone 539-3200

Residence 539-4229

Professional Building, Suffolk, Virginia 23434

NICK ULISSE CONCRETE CONTRACTOR



P.O. Box 26983
Richmond, Virginia
Phone 231-4409

Robert S. Lovelace Co., Inc.

Mechanical Equipment

804/358-0404

Richmond, Virginia 23221

Post Office Box 7315

The building envelope contains an energy efficient combination of rigid insulation and insulating glass. An underfloor perimeter duct system distributes heating and cooling to the multi-purpose room.

Expansion planning is designed into the building. When the new nave is built, the present multi-purpose room will serve as a social hall. Also, one section of the exterior wall is designed as a separate panel — easily removable to facilitate connecting new and old together with minimum disruption. And though planned for expansion, this initial stage does not appear unfinished, it is complete within itself.

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.

Others were: American Excavating Co., Inc., McLean, excavating; Beltway Landscapers, Vienna, landscaping; Adams Fabricated Steel Corp., Baltimore, MD, steel supplier; Structural Systems, Inc., Gaithersburg, MD, structural wood; Arlington Woodworking & Lumber Co., Inc., McLean millwork; R. D. Bean, Inc., Beltsville, MD, roofing; AAA Thermal Window & Doors, Inc., Fairfax, metal doors & frames; Associated Glass Co., Inc., Fairfax, storefront; Yeatman Architectural Hardware, Inc., Clinton, MD, hardware supplier; Acoustical Ceilings, Inc., Merrifield, acoustical treatment; Wilmar Contractors, Inc., Vienna, painting contractor; W. D. Lowe Plumbing & Heating, Warrenton, plumbing contractor; and Dominion Electric Supply Co., Inc., Arlington, lighting fixtures supplier.



Beatley Equipment, Inc.

Material Handling Equipment
Rental-Sales-Service-Parts

Distributor for

FMC/Wayne Sweepers Star Scrubbers
Billy Goat Vacuums Baker/Motor Trucks

Dial 321-5378

710 Dawn St.

Richmond, Va. 23222

Progressive Enterprises, Inc.

Plumbing—Heating—Air Conditioning

Industrial—Commercial

St. Reg. #8984

107 N. Main St.

Farmville, Va.

HAMILTON'S FLOOR FASHIONS & TILE, INC.

Floor, Tile, Carpet

&

Acoustical Contractors

COMMERCIAL — INDUSTRIAL

Phone 804-846-1316

532 Oakley Avenue

LYNCHBURG, VIRGINIA

STRUCTURAL STEEL FABRICATION ERECTION



- LONG SPANS
- STEEL JOISTS
- ROOF DECKS
- JAIL CELLS
- PRISON EQUIPMENT

Helping to build a stronger Virginia . . .

Roanoke Iron & Bridge Works, Inc.

Roanoke, Virginia

Plants: Roanoke and Troutville

Index to Advertisers

-A-

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

-B-

R. D. Bean, Inc.	23
Beatley Equipment, Inc.	51
Betco Supply Co.	48
Binswanger Glass Co.	40
Paul L. Booze, Inc.	45
Bowling United Industries, Inc.	6
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
Corte Co., Inc.	34
Costen Floors, Inc.	50
S. B. Cox, Inc.	30

-D-

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

-E-

J. B. Evrell Co.	19
------------------	----

-F-

Froehling & Robertson, Inc.	19
-----------------------------	----

-G-

Gallion-Elder Insurance Agency, Inc.	6
Garbers of Richmond, Inc.	48
General Tile & Marble Co., Inc.	42
Glen Construction Co., Inc.	23
Graves Construction Co., Inc.	2
Gray Lumber Co.	48

-H-

H & H Supply Co., Inc.	34
Hamilton's Floor Fashions & Tile, Inc.	51
Hammond Brothers, Inc.	49
Hanover International Construction Corp.	2
C. Wm. Hartman, Inc.	48
Heatwale Tile Co.	49
Joseph Heflin & Sons, Inc.	42
Hesse & Hurt, Inc.	46
Heyward Construction Co., Inc.	48
J. T. Hirst & Co., Inc.	4
Hogshire Industries, Inc.	40
Hugh L. Holland, Jr.	50
Huffman Studio	53
Humphrey Electric Co., Inc.	19
The Hutter Corp.	47

-I-

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

-J-

Wiley N. Jackson Co.	49
Jarrett Welding Co.	48
J. Lawson Jones Construction Co., Inc.	40

-K-

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

-L-

Don Largent Roofing Co., Inc.	45
R. E. Lee & Son, Inc.	8
Liphart Steel Co., Inc.	49
Robert S. Lovelace Co., Inc.	50

-M-

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

-N-

Nationwide Homes	6
Natkin Service Co., Inc.	46
W. Wallace Neale Co., Inc.	30

-O-

Owen Steel Co. of N. C., Inc.	2
-------------------------------	---

-P-

Payne Construction Co.	42
Peden Steel	30
Pleasants 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.	49
T. E. Ritter Corp.	40
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
Shoffner 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)	8
Tri-County Asphalt Co., Inc.	42
Tune & Toler, Inc.	48

-U-

Nick Ulisse Concrete Contractor	50
---------------------------------	----

-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
Watkins Nurseries, Inc.	53
Watts & Breakell, Inc.	8
Webster Brick Co., Inc.	34
Webster Elevator Co.	8
Weddle Plumbing & Heating	2
Western Waterproofing Co., Inc.	34
F. Richard Wilton, Jr., Inc.	6
J. B. Wine & Son, Inc.	34
Worsham Sprinkler Co., Inc.	42

-Z-

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



REAMES AND MOYER, INC. • MECHANICAL CONTRACTORS

8305 WASHINGTON HIGHWAY • P. O. BOX 9402 • RICHMOND, VIRGINIA 23228 • TELEPHONE 262-0111

L. MARQUIS, INC.

General Contractor

St. Reg. #4936

Commercial – Industrial

Institutional



9-31 County Street

Phone (804) 393-1061

ROANOKE, VIRGINIA

**REPLACE
THE
MOST
BEAUTIFUL
GARDENS
IN VIRGINIA
SINCE 1876.**



NURSERYMEN, INC.

Edlothian Turnpike
703/648-3306

Association of Nurserymen

PHONE 703-345-4979



ACOUSTIC CEILING
DRYWALL
PLASTERING
THINCOAT

A & H CONTRACTORS, INC.

1222 McDOWELL AVENUE, N. E.

ROANOKE, VIRGINIA 24012

St. Reg. #11405

Commercial – Institutional

Industrial

ARCHITECTURAL
PHOTOGRAPHY

HUFFMAN STUDIO

741-0225
1703 RAINTREE DRIVE
RICHMOND, VIRGINIA 23229

*Photography for
First Honor Award – Woodrow Wilson Junior High School
and
The Henning Residence, In This Issue*

Acorn Construction Company Ltd.

General Contractors

COMMERCIAL
INDUSTRIAL



INSTITUTIONAL
PUBLIC UTILITIES

St. Reg. #9521

Telephone (703) 992-3560
P. O. Box 12141, Roanoke, Va. 24023

Architectural Woodwork Institute, Virginia Chapter

A non-profit organization representing the special woodwork manufacturers of Virginia ... devoted to the elevation of industry standards ... to continuing research into new and better materials and methods ... and to the publication of technical data helpful to architects and specification writers in the design and use of architectural woodwork.



ARCHITECTURAL REPRESENTATIVE

CHARLES E. CRESWELL, JR.
BOX 235
COLONIAL HEIGHTS, VA. 23834
804-526-4459

MEMBERS

AMERICAN FURNITURE & FIXTURE CO.
2823 E. Main Street
Richmond, Virginia 23223

ANNANDALE MILLWORK CORP.
6612 James Madison Highway
Haymarket, Va. 22069

H. BECKSTOFFER'S SONS
Herman H. Beckstoffer
1209 North 28th Street
Richmond, Virginia 23223

BUILDERS SUPPLY CO. OF PETERSBURG, INC.
George W. Jones, Jr.
222 N. Market Street
Petersburg, Virginia 23803

BURTON LUMBER CORPORATION
Lloyd H. Burton
835 Wilson Road, South Norfolk
Chesapeake, Virginia 23506

CAMPBELL-PAYNE, INC.
Box 1219
Lynchburg, Virginia 24505

CAMPOSTELLA BUILDERS & SUPPLY CO.
Frank M. Palmer
1109 Poppleton Street
Norfolk, Virginia 23523

ELLIOT & COMPANY, INC.
318 West 21st Street
Norfolk, Virginia 23517

HERNDON LUMBER & MILLWORK CO.
James R. Hamilton
Box 333
Herndon, Virginia 22070

MILLER MANUFACTURING CO., INC.
P. O. Box 1356
Richmond, Virginia 23211

POWELL-McCLELLAN LUMBER CO.
W. D. Wyatt
3200 Lafayette Blvd.
Norfolk, Virginia 23509

PREMIER MILLWORK CORP.
George Melnyk
559 Birdneck Road
Virginia Beach, Virginia 23451

RUFFIN & PAYNE, INC.
George Y. Taylor
P. O. Box 27286
Richmond, Virginia 23261

FREDERICK SCHILL & CO.
Hilmar F. Schill
206 E. Main Street
Ronceverte, West Virginia 24907

R. A. SIEWERS, INC.
Fred Siewers, Jr.
Box 6237
Richmond, Virginia 23230

W. A. SMOOT & CO.
1201 North Royal Street
Alexandria, Virginia 22314

TAYLOR BROS., INC.
Robert B. Taylor
1501 Rutherford Street
Lynchburg, Virginia 24501

WATERFRONT LUMBER CO., INC.
Walker M. Paris
P. O. Box 292
Newport News, Virginia 23607

WEAVER BROTHERS, INC.
Colbert Drane
P. O. Box 806
Newport News, Virginia 23607

**When you have an exacting
staff of Contract Hardware Experts
and Architectural Hardware
Consultants, you have to
stock the best in Builders Hardware.**

We do and we do.



**PLEASANTS
HARDWARE**

Schlage
Ives

LCN
Baldwin

McKinney

Bradley

Stanley

Sargent
Miami-Carey

Russwin

Rixson
NuTone-Hall Mack

Job site delivery

Pleasants now stocks Amweld hollow metal doors and frames

2024 W. BROAD

359-9381

"Most Anything" Since 1915 • Builders • Industrial • General Hardware
7:30 to 5:30 Mon. thru Fri. 8:00 to 5:00 Sat. Plenty of Parking