



THE VIRGINIA RECORD MAGAZINE

FEBRUARY

1975

THE VIRGINIA ARCHITECT SECTION

Don't feed it buried cables.

It's happened. Foundations have gone in, and phones have gone out. Because no one thought about buried cables.

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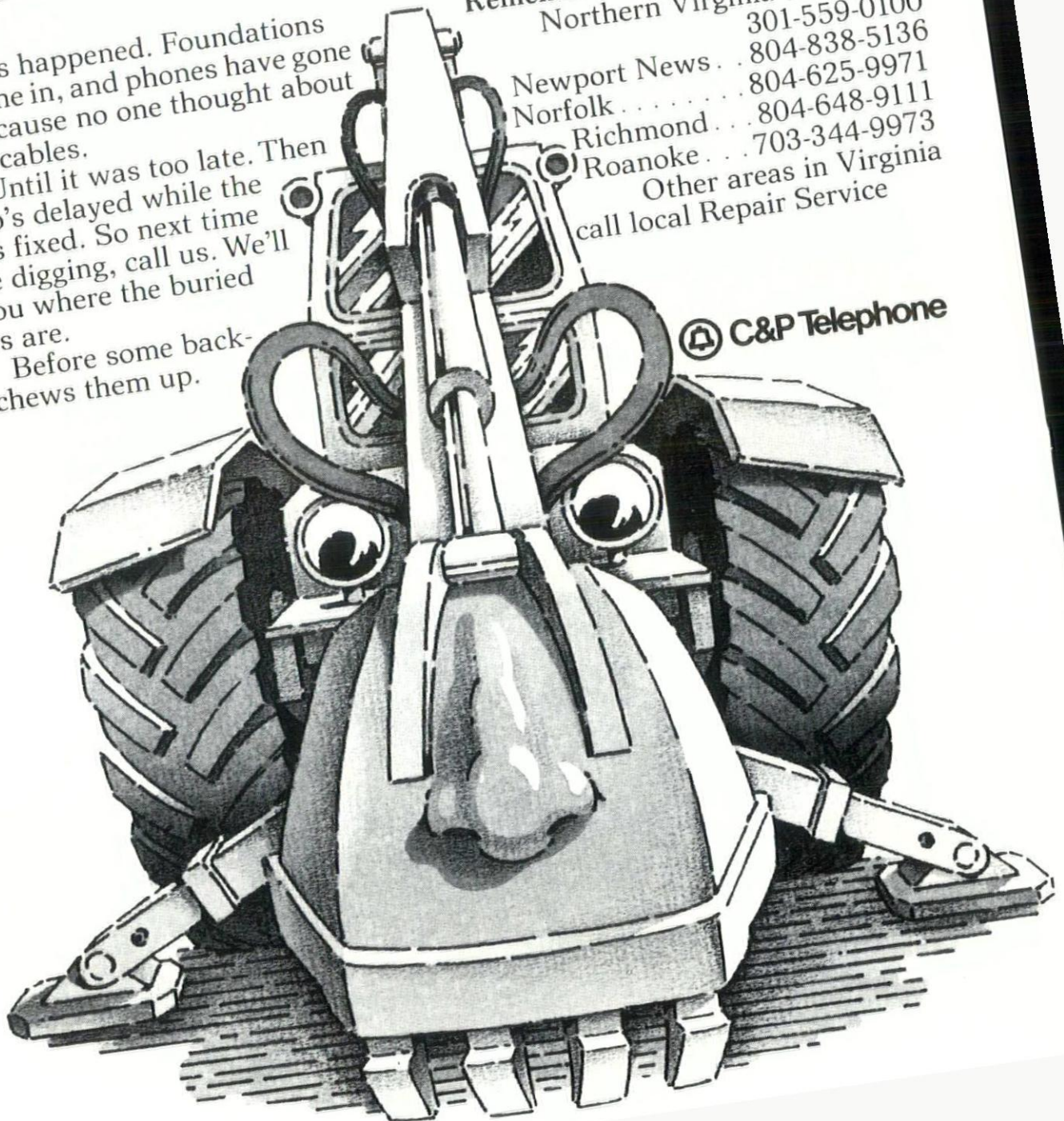
Before some backhoe chews them up.

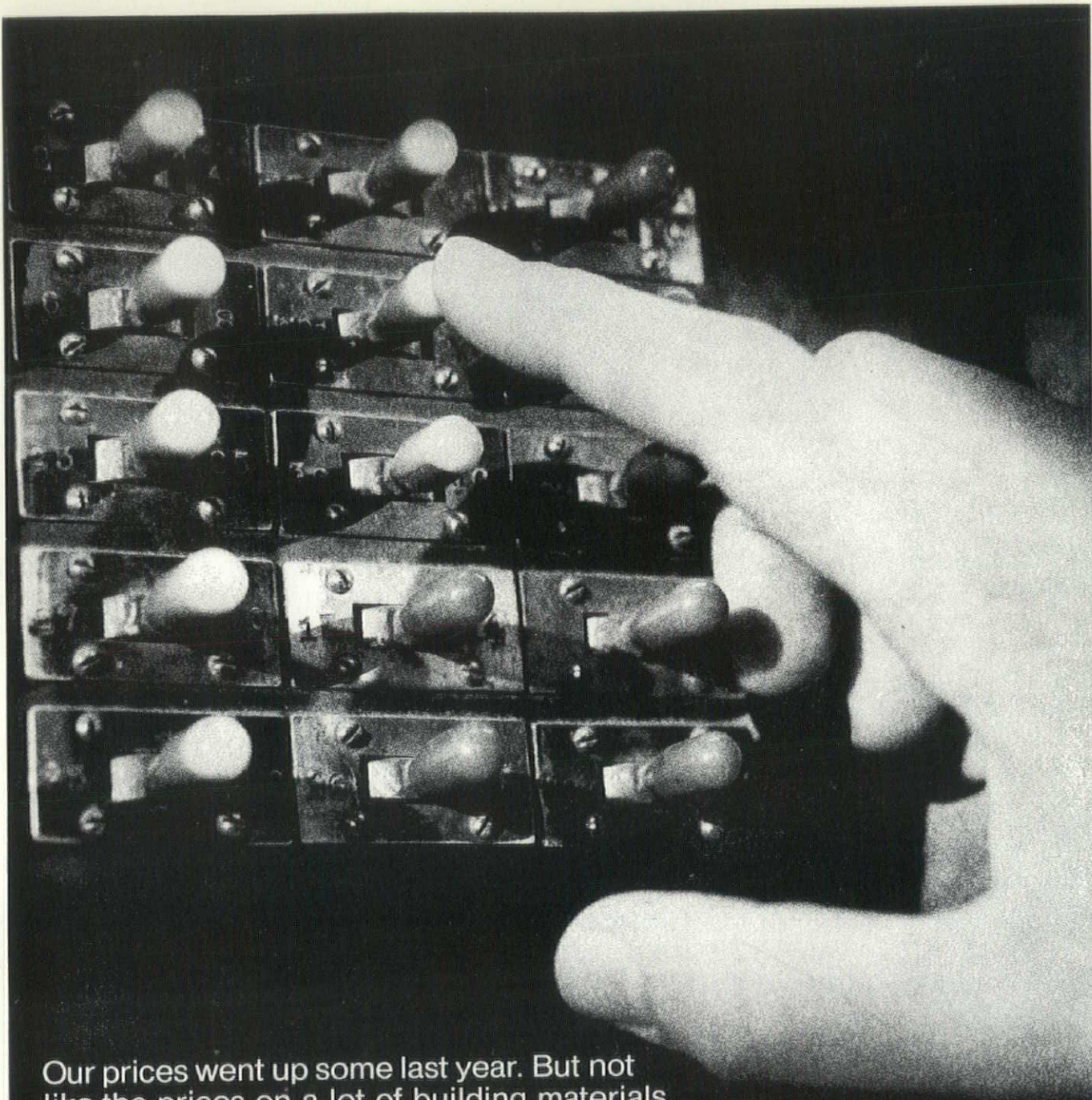
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AN OPEN LETTER TO VIRGINIA ARCHITECTS:

WE WERE DELIGHTED TO WORK WITH MR. JAMES TULEY, THE ARCHITECT, AND MR. DURWARD HALE, THE CONTRACTOR, ON THE WADLINGTON HOUSE—THIS MONTH'S COVER HOME.

MR. TULEY SPECIFIED THE ALL-WEATHER WOOD FOUNDATION BECAUSE OF FLEXIBILITY IN DESIGN, SAVING OF ON SITE CONSTRUCTION TIME, DRYNESS OF BELOW GRADE LIVING AREA AND ECONOMY.

MR. TULEY SPECIFIED BARNES LUMBER CORPORATION AS FABRICATORS BECAUSE OF OUR EXPERIENCE AS THE ORIGINAL MANUFACTURER OF THE ALL-WEATHER WOOD FOUNDATION AND BECAUSE ALL OF OUR PANELS ARE CERTIFIED TO CONFORM TO NFPA AND AWPB SPECIFICATIONS BY INDEPENDENT THIRD PARTY INSPECTION SERVICES.

WE ALSO FURNISHED PRESSURE TREATED LUMBER FOR OUTSIDE WALKWAYS, RETAINING WALLS AND DECKS FOR THIS HOME. THE SIDING, RESAWN SOUTHERN PINE, WAS MANUFACTURED AND PRESTAINED IN OUR PLANT. THE INTERIOR STAIRS WERE PREFABRICATED AND DELIVERED READY TO INSTALL, AND OAK PLANK FLOORING USED IN THE LIVING AREA WAS MANUFACTURED BY US.

WE WOULD BE DELIGHTED TO WORK WITH YOU, THE ARCHITECTS OF VIRGINIA, ON YOUR REQUIREMENTS FOR THE ABOVE PRODUCTS, AS WELL AS SPECIALTY MOULDINGS AND PRIVACY FENCING.

Cordially,

Bennett H. Barnes, Jr.

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TO TELL THE VIRGINIA STORY



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CLIFFORD DOWDEY, *Editor*

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Architectural Content Edited by

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ON OUR COVER is an interior photo of the Wadlington Residence, designed by James S. Tuley, AIA, and featured on page 56 of this issue. Cover Photograph by Joshua Freiwald.

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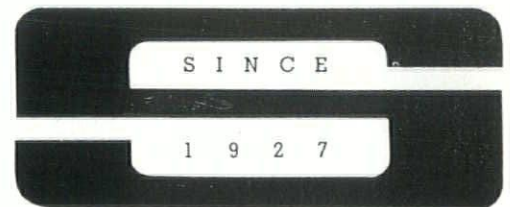
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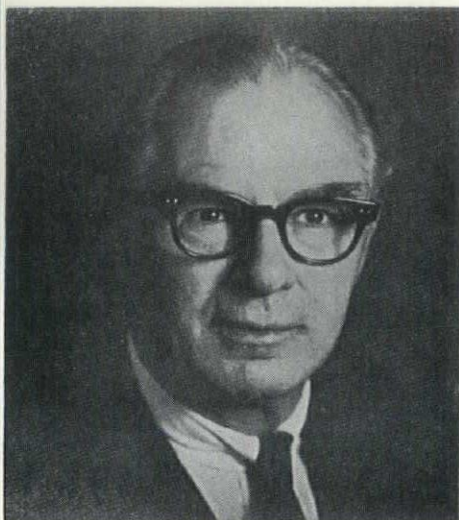
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Clifford Dawley

A Man's Vision: A Nation's Nightmare

ROBERT MOSES is relatively unknown outside of New York, yet during the past half-century the megalomaniacal public builder has been the greatest single influence on the development of American highways (including expressways into cities) and on urban renewal and, through a combination of the two, on the shape and character of American cities. One of his admirers, Bertram D. Tallamy, chief administrative officer of the Interstate Highway System during the 1950s and 1960s, said that the System was built on principles he learned from Robert Moses during private lectures in 1926. Moses' harshest critic, the philosopher and urbanologist, Lewis Mumford, did not mean it as a compliment when he said, "In the twentieth century, the influence of Robert Moses on the cities of America was greater than that of any other person."

In developing the career of this seminal thinker in *The Power Broker*, Robert Caro has gone far beyond Moses' uses and abuses of power in his highly praised 1246 page biography. There are continual episodes illustrating the time-honored corrupt practices of big city politics and (what might be called) the "traditional" conflicts between special interests and the common good. Moses' own long career illustrates the transformation of an idealistic dreamer into a ruthless power-operator.

At first the power gained by political expedience, and an alliance with Governor Al Smith, was used to implement Moses' visions; then, as power fed on itself, Moses became a czar—unreachable by mayors, governors and other elected officials—who used power for his own aggrandisement. Most of all, the finely detailed book is important for its implications to America's transportation system and urban environmental structure, and the relationship between the two.

The implications derive from the position of New York as the paradigm of American cities. It is our largest city; it has some of our richest and some of our poorest citizens; it has some of the best of everything in America and some of the worst.

Though its celebrated Broadway is fading as a national theatrical center, New York remains the nearest center we have for live theatre; it is the center of the publishing business (books and quality magazines), and, partly through that, a germinal place for intellectual ideas; it is the money center, Wall Street and banks, and the clothing manufacturing center, still something of a style setter (or at least an originator of widely copied models); it is the largest center of ethnic groups in the world—black, Puerto Ricans, Irish, Italian, Jews, Germans—and probably nearly every spoken language in the world can be heard there. It is the nation's leader in high fashion and crime, in fine restaurants and welfare rolls, in museums and ghettos. There is still an electric quality in the air to those on the way up and horrors to those on the way down.

Then, partly attributable to Moses' vision, the city and its environs, including commuters from Long Island, New Jersey, Westchester and Connecticut who compose the 14,000,000, have the worst traffic congestion outside a nightmare. Finally, the last mayor asserted that the city (meaning its five boroughs) was "unmanageable."

(Continued on page 97)

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NEWS

VIRGINIA CHAPTER
AMERICAN INSTITUTE OF
ARCHITECTS

February 1975

■ ■ Throughout the country today, architects, as designers, are expressing concern for "land use and environmental protection." Progress and growth has pinpointed the critical need for greater care and precision in the use of our limited natural resources, including land, and planning is essential to the welfare of our citizens now and in the future.

Virginia architects are by training and experience particularly well equipped to provide much of the expertise and leadership needed to establish a program of planned growth that will achieve a land use policy responsive to the needs of users without destroying our prime natural areas. Even as we face the challenge of uniting in a Society the question of land use policy is a task which requires the effort of all of us, members of the Virginia and Northern Virginia Chapters alike.

The breadth and depth of technology involved in the problems of land use and its planning have been presented in a report of the Land Use Task Force of the Virginia Chapter and Northern Virginia Chapter of the American Institute of Architects. Every member of both Chapters should read and under-

stand this report so that we will be in a better position to know and to face the grave responsibility which we bear. The Virginia Architects Government Affairs Committee position paper on Land Use and Environmental Protection gives each and every one of us the opportunity, and underlines our responsibility, to provide guidance in developing a land use policy and in protecting and maintaining natural, scenic, historic and other critical environmental areas for this and succeeding generations.

The Public Relations Committee asks all architects and all other concerned citizens to read the Land Use Task Force Report and the VAGAC and to urge each and every legislator to review the Virginia Advisory Legislators Council report and recommendations and then to pass legislation as recommended.

The Public Relations Committee
Virginia Chapter, AIA

F. E. Baukhages IV

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Chairman

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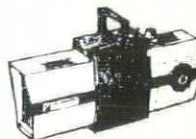
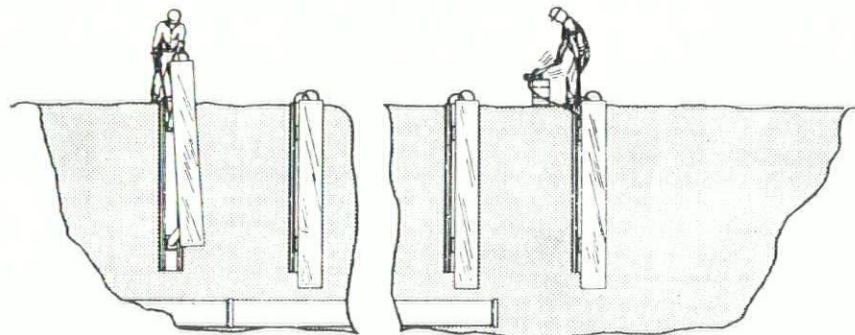
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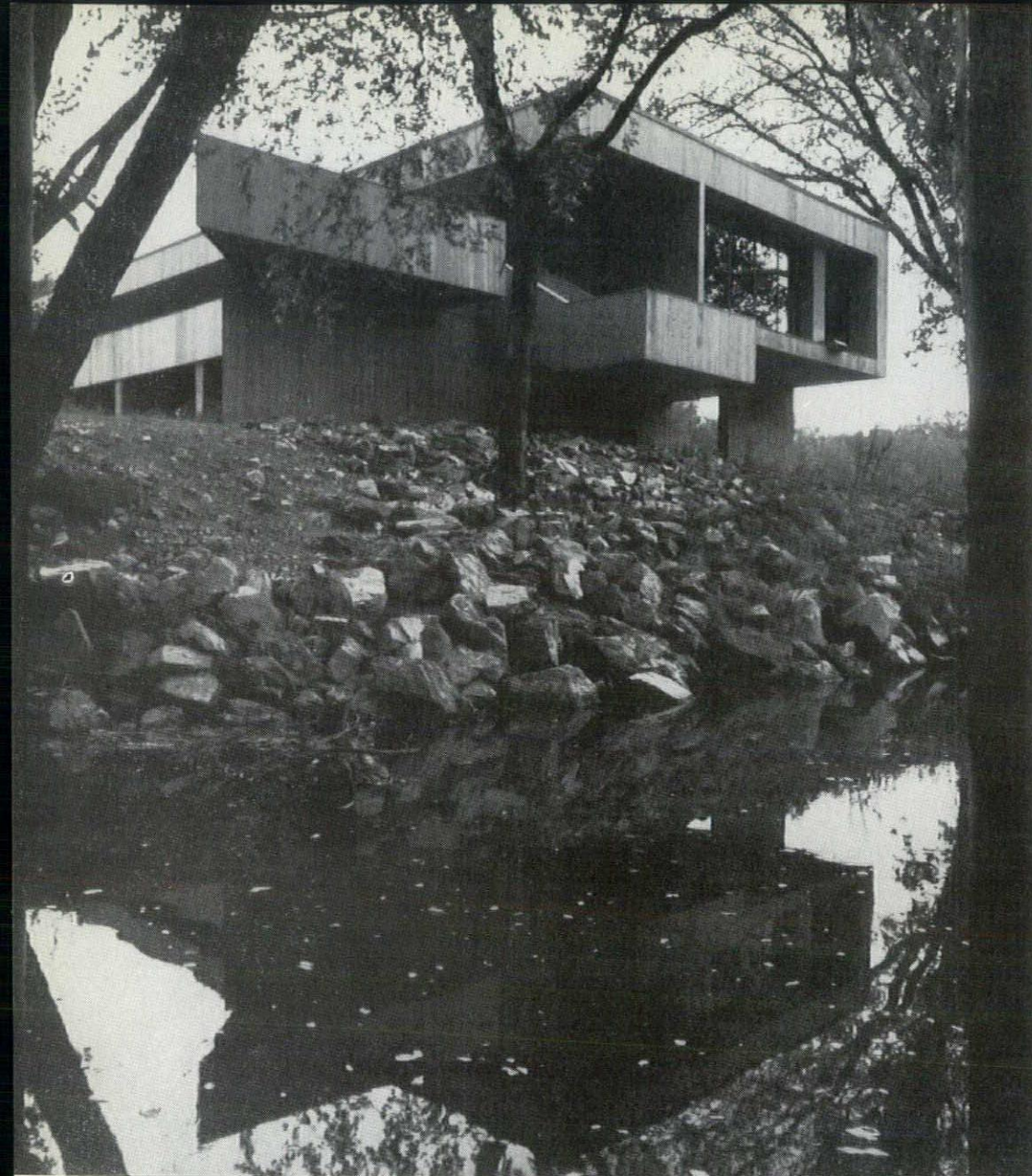
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Dean, School of Architecture
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to tell the Virginia Story

FEBRUARY 1975

PAGE ELEVEN



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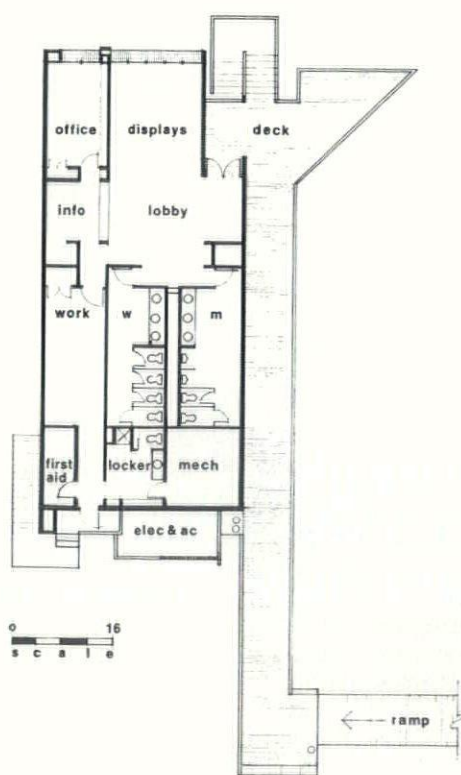
The general contractor, Leadbetter Construction Co. of Ashland handled excavating, piling, foundations, concrete, masonry work, carpentry, painting, paneling, waterproofing, weatherstripping and wood flooring.

Subcontractors & Suppliers

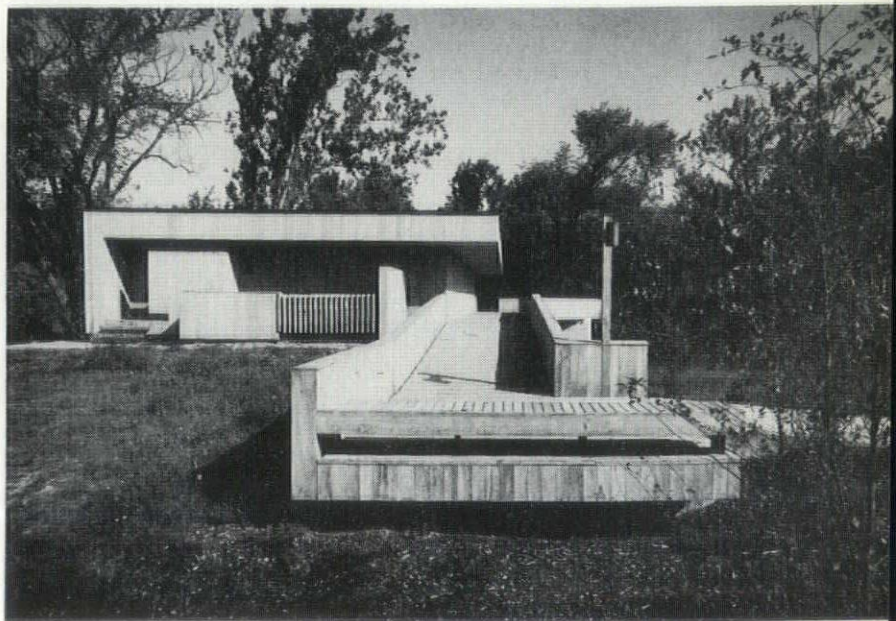
(All Richmond firms)

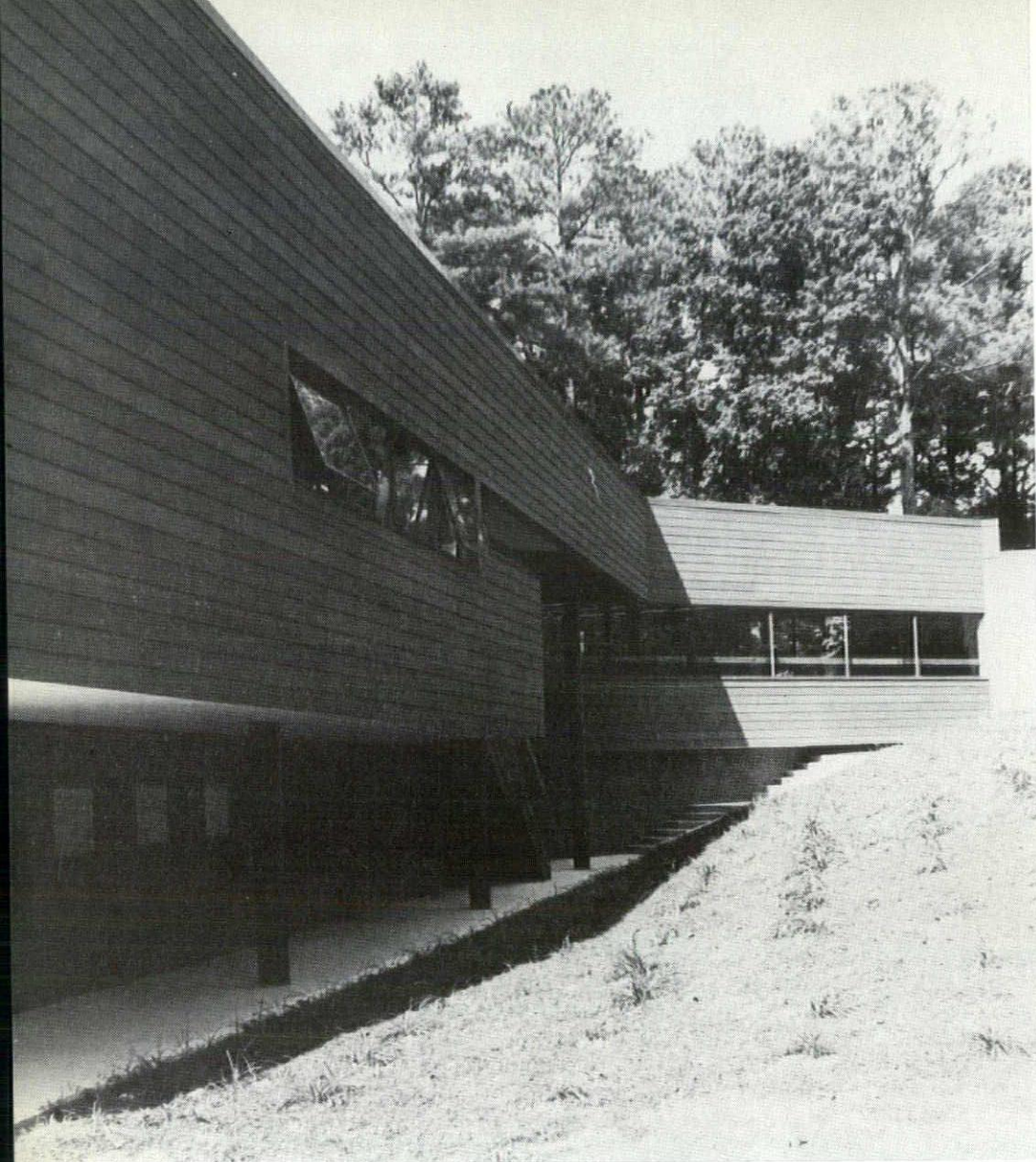
Massey Concrete Corp., concrete; Southern Brick & Supply Co., Inc., masonry supplier; Bowker & Roden, Inc.,

steel; Richmond Roofing Co., roofing; Binswanger Glass Co., windows; Hanover Iron & Steel, Inc., structural wood & handrails; Waco Insulation, Inc., insulation; Pete Puryear, ceramic tile; R. L. Dixon, Inc., lighting fixtures & electrical work; Triangle Plumbing & Heating, Inc., plumbing; White & Yeatts Heating & Air Conditioning, air conditioning & heating; Pleasants Hardware, hardware; and, Blakemore Construction Corp., paving.



FIRST FLOOR PLAN





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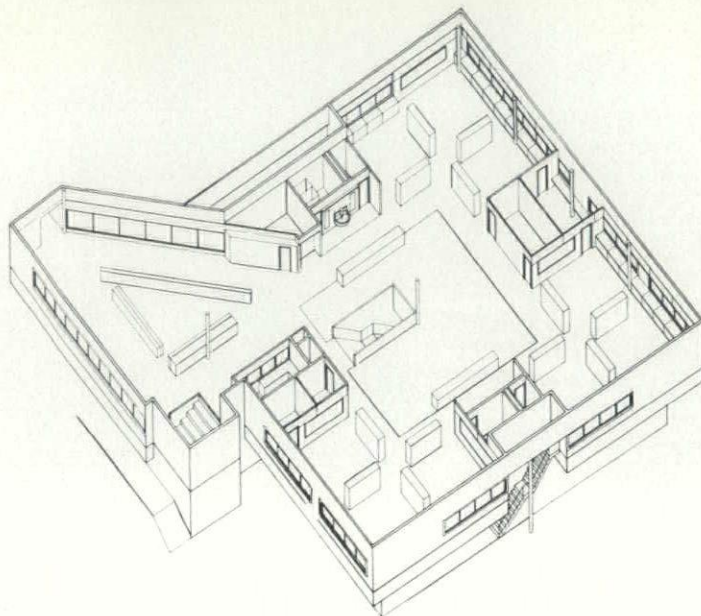
The general contractor, Taylor & Parrish, Inc. of Richmond handled carpentry.

Subcontractors & Suppliers

(Richmond firms unless noted)

Massey Concrete Corp., concrete (material); Southern Brick Contractors, Inc., masonry contractor; S & W Steel Co., Inc., steel & steel roof deck; J. B. Eurell Co., roof deck; N. W. Martin & Bros., Inc., roofing; Hope's Windows, Jamestown, N. Y., windows; Koppers Co., Salisbury, Md., structural wood; Allied Glass Corp., glazing; James G. Day Painting & Decorating, Inc., painting; W. K. Hawkins Engi-

neering Co., insulation; Manson & Utley, Inc., acoustical & resilient tile; F. Richard Wilton, Jr., Inc., plaster; General Tile & Marble Co., Inc., ceramic tile; Miller Manufacturing Co., millwork; J. S. Archer Co., Inc., steel doors & bucks; Northside Electric Co., lighting fixtures & electrical work; Catlett-Johnson Corp., plumbing fixtures, plumbing, air conditioning, heating & ventilating; Pleasants Hardware, hardware; E. G. Bowles Co., paving; Brownson Equipment Co., Inc., basketball backboards; Krueger, Green Bay, Wis., auditorium seating; Modern School Equipment, Inc., chalk and tackboards; and, Paris Shade Shoppe, Inc., stage curtain.





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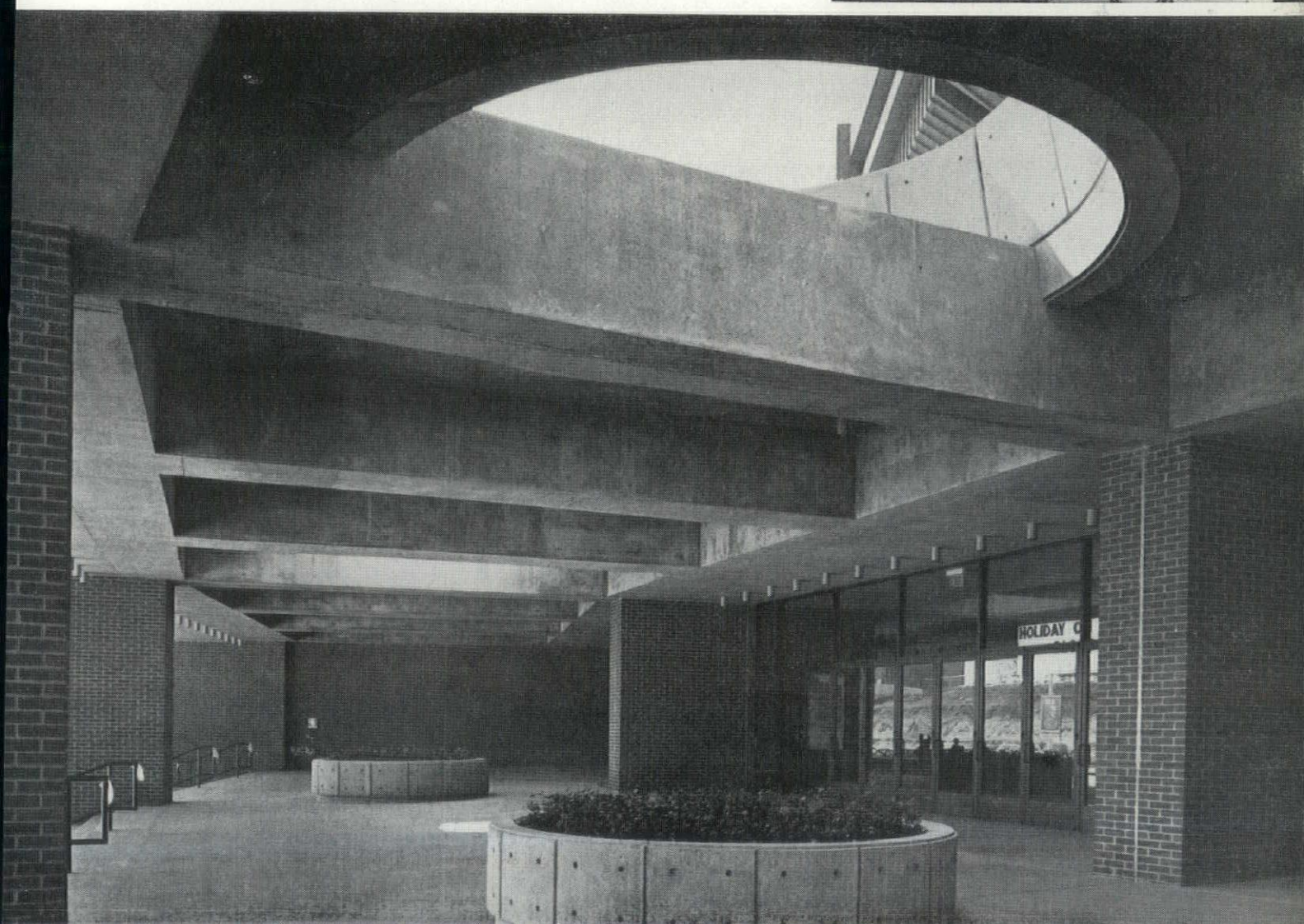
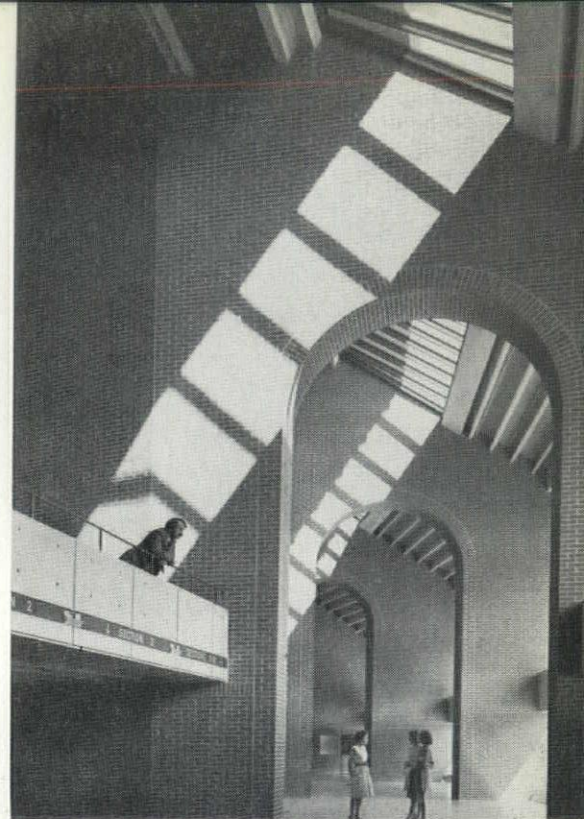
& Dull Co., Richmond, representing Kliegl Bros., Long Island City, N. Y., special manufacturer of stage & arena lighting; Ocean Electric Corp., Norfolk, electrical work; Cottrell Electronics Corp., Richmond, sound system; Northside Electric Co., Richmond, outside lighting; Lloyd E. Mitchell, Inc., Baltimore, Md., mechanical work, gas & sewer utilities; and, Froehling & Robertson, Inc., Richmond, test drilling in caissons.

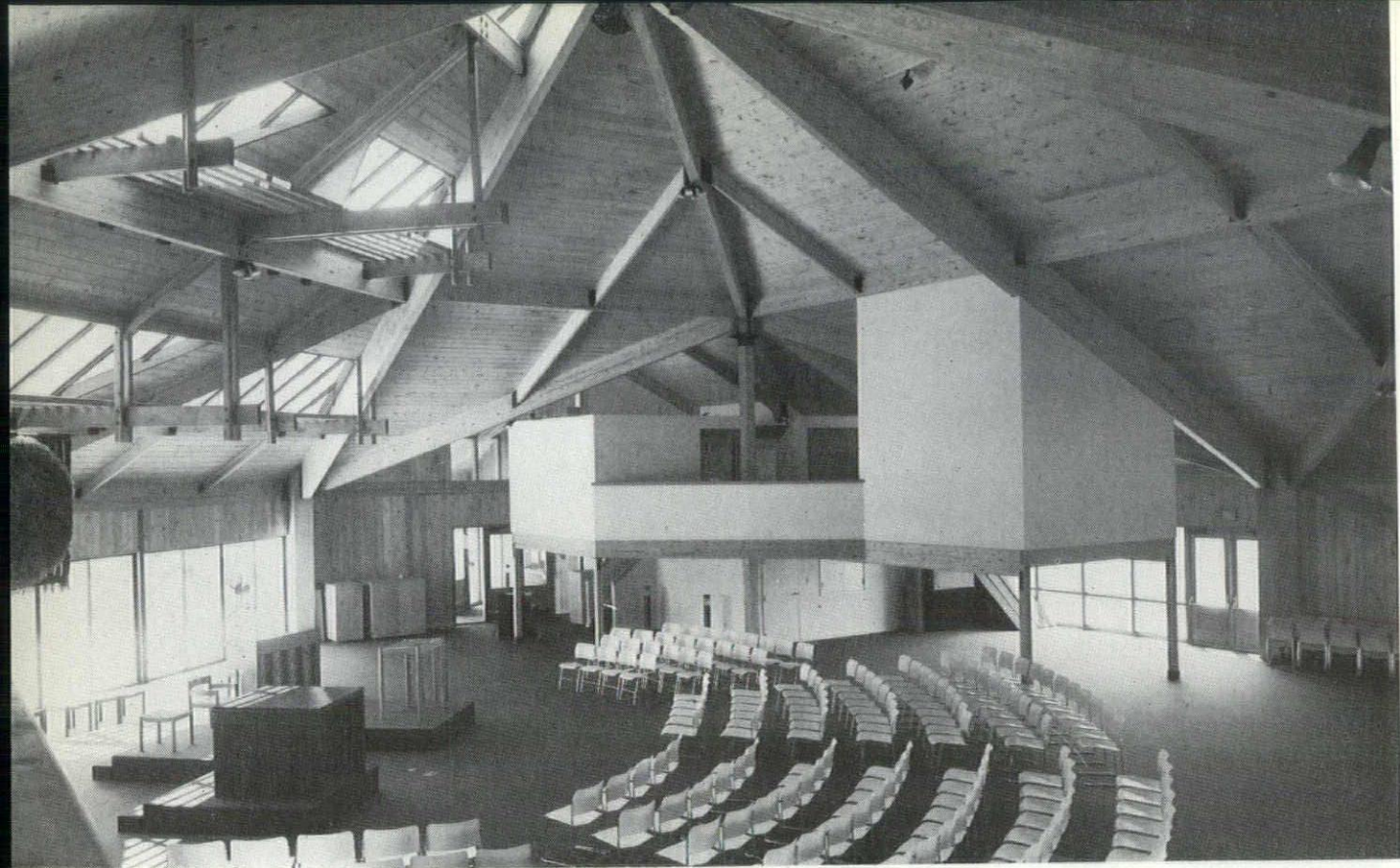
And, John W. Johnson, Inc., Washington, D. C., painting; Armco Steel Corp., Metal Products Div., Richmond, sewer tunnel & related work; Peter Bratti & Assoc., Arlington, ceramic tile & quarry tile; Crawford Door Sales Co., Inc., special doors; Kalman Floor Co., White Plains, N. Y.,

Kalman Absorption Process concrete floor topping; N. W. Martin & Bros., Inc., Richmond, roofing & insulation; Service Steel Erectors Co., Chester, placing reinforcing steel & wire mesh; Southeastern Waterproofing Co., Inc., Charlotte, N. C., metallic cement waterproofing; C. E. Thurston & Sons, Inc., Norfolk, insulation; Brisk Waterproofing Co., Inc., Richmond, waterproofing & dampproofing; and Eastern Crane Service Corp., erection of precast-prestressed concrete.

Also, The Ceco Corp., Richmond, metal formwork; J. A. Walker, Inc., Richmond, sheet piling; Warren Brothers Co., Div. of Ashland Oil & Refining Co., Richmond, street paving; Lee Turzillo Contracting Co., Brecksville, Ohio, augercast piles cut-off walls; H. H. Robertson Co., Pittsburgh, Pa., fabrication of acoustical metal decking, metal siding & roofing; Reynolds Metals Co., aluminum for metal siding and roofing; Concrete Structures, Inc., Richmond, precast & prestressed concrete; Lockhart Mfg. Co., Charlotte, N. C., metal doors & frames; Sorensen Christian Industries, Inc., Angier, N. C., scoreboard; Safway Steel Prod-

(Continued on page 94)





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JANSONS ROBERTS TAYLOR ASSOC.

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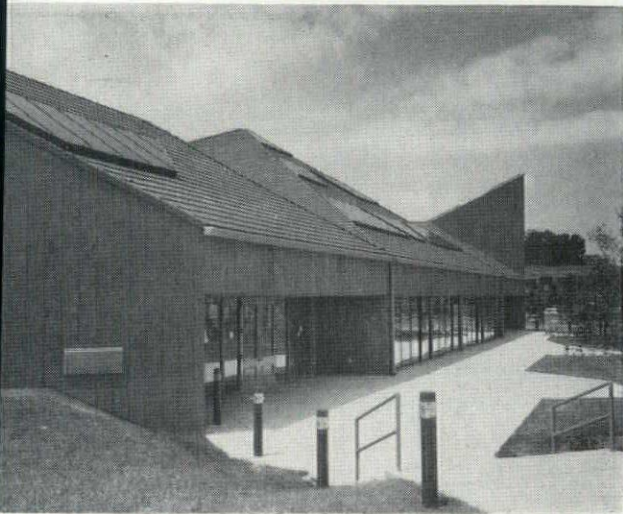
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Subcontractors & Suppliers

Jack's Roofing Co., Inc., Bethesda, Md., roof deck; Timber Structures, Inc., Georgia, structural wood; Fairfax Glass Co., Falls Church, glazing; Leslie Gati Painting & Printing Co., Annandale, painting; Herndon Lumber & Millwork, Inc., Alexandria, millwork; Preston L. Walker Electric Co., Inc., Fairfax, electrical work; Beslex, Arlington, plumbing; The Krafft Co., Alexandria, air conditioning.





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GENERAL CONTRACTOR
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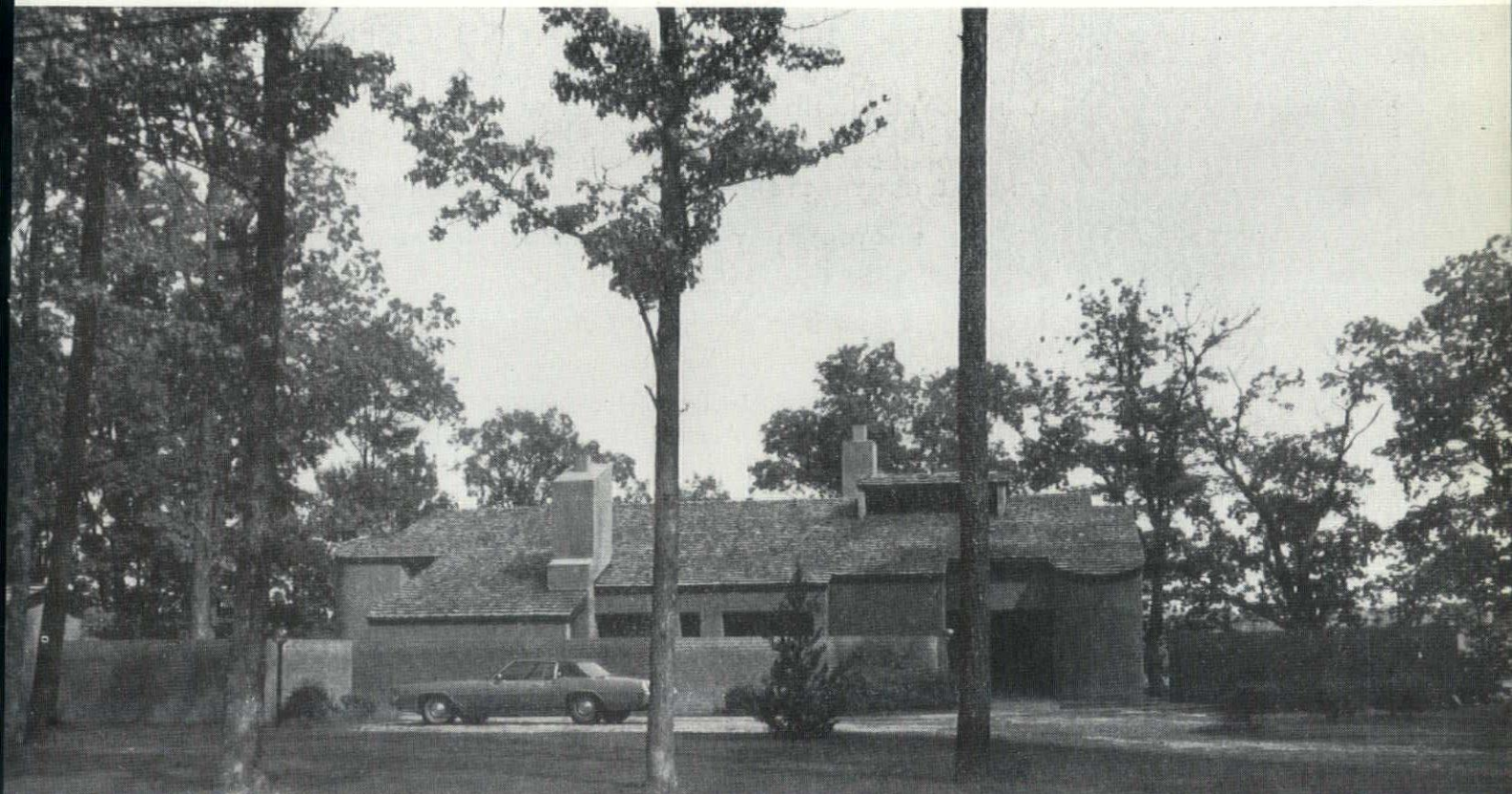
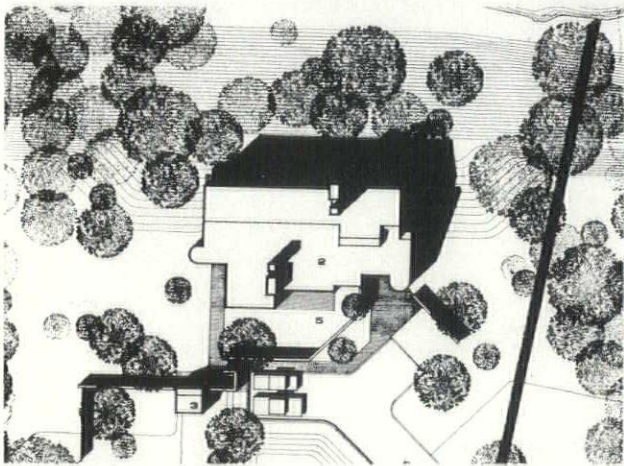
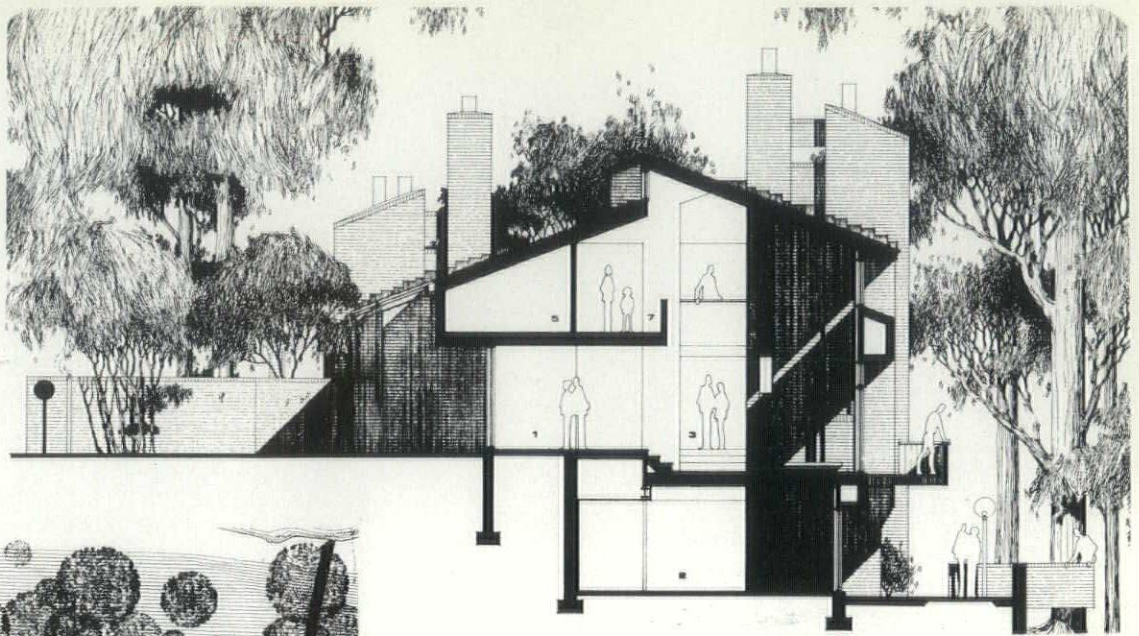
ALVIN W. DUNBAR
WILLIAM G. BRANDT, JR. & ASSOC.
THE KITCHEN CENTER
MR. & MRS. GEORGE A. RAFEY
GREENSWAY CONSTRUCTION CO.
MOSELEY-HENING ASSOC., INC. AND
W. KEN STEVENS

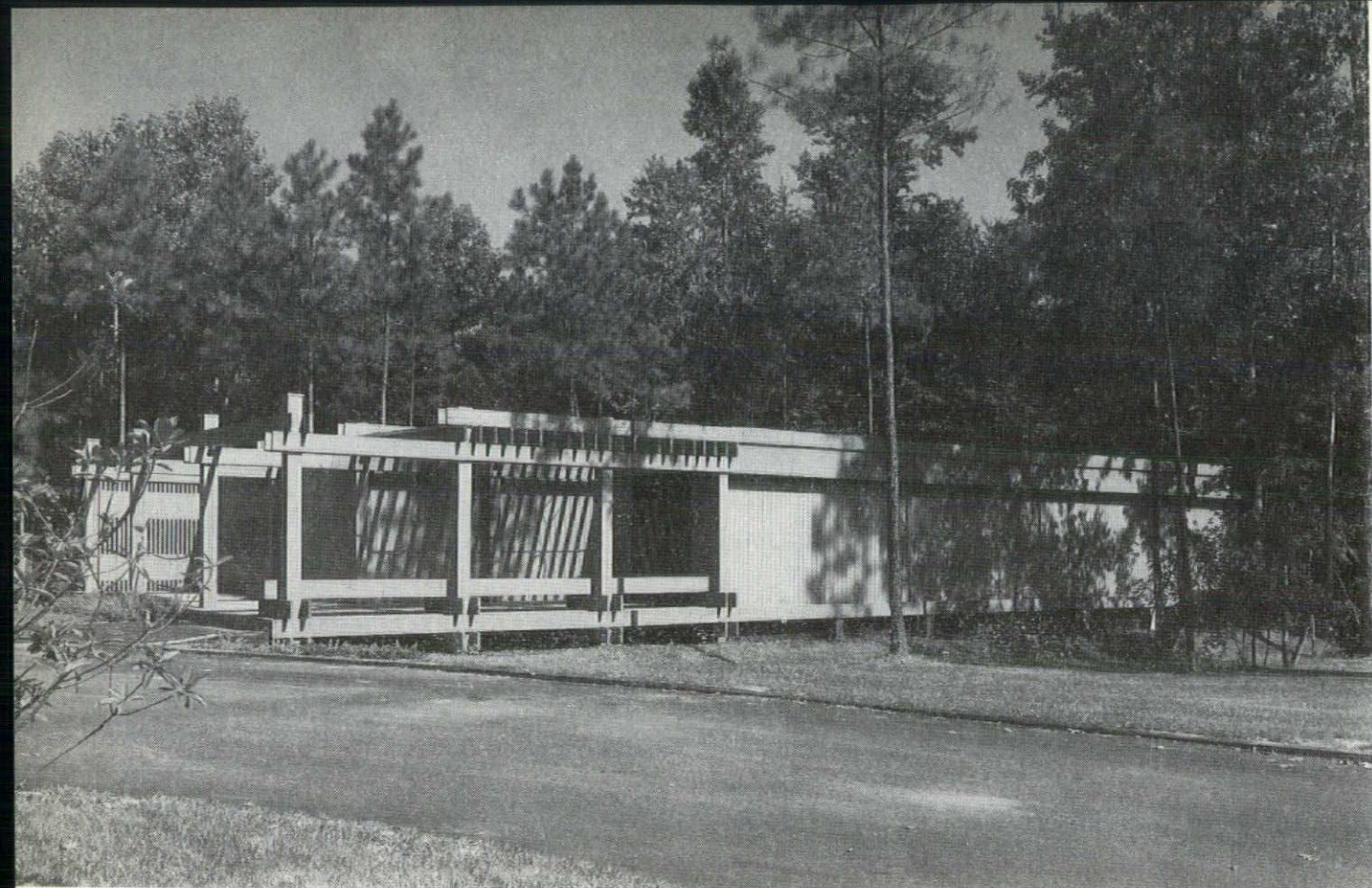
The general contractor, Greensway Construction Company of Hopewell, handled excavating, foundations, concrete, carpentry, paneling and weatherstripping.

Subcontractors & Suppliers

Robertson & Sturt, Matoaca, masonry contractor; Eastern Building Supply Co., Richmond, masonry supplier; Hopewell Iron & Metal Co., Hopewell, steel; Cedar Roofs of Richmond, Inc., Richmond, roofing; Roper Brothers Lumber Co., Inc., Petersburg, windows, window walls, structural wood, wood flooring & millwork; PPG Industries, Richmond, glazing; and, Wesley L. Underhill, Colonial Heights, painting.

Also, Richmond Primoid, Inc., Richmond, waterproofing; Virginia Home Insulation Co., Inc., Petersburg, insulation; Perkinson Bros., Ettrick, ceramic tile; Linoleum Shop, Hopewell, resilient tile; Atlantic Electrical Supply Corp., Richmond, lighting fixtures; E. H. Saunders & Sons, Electrical Contractors, Inc., Hopewell, electrical work; Sligh Plumbing & Heating Co., Hopewell, plumbing fixtures & plumbing; Southside Trane Air Conditioning Co., Colonial Heights, air conditioning, heating & ventilating; Architectural Hardware, Inc., Richmond, hardware; and, Kitchen Center, Richmond, kitchen cabinets.





HONOR AWARD

ARCHITECT

CARLTON STURGES ABBOTT, ABBOTT ASSOCIATES

KINGSMILL SALES CENTER

LANDSCAPE ARCHITECT
GRAPHICS & SIGNS
OWNER/DEVELOPER
GENERAL CONTRACTORS

PHOTOGRAPHY

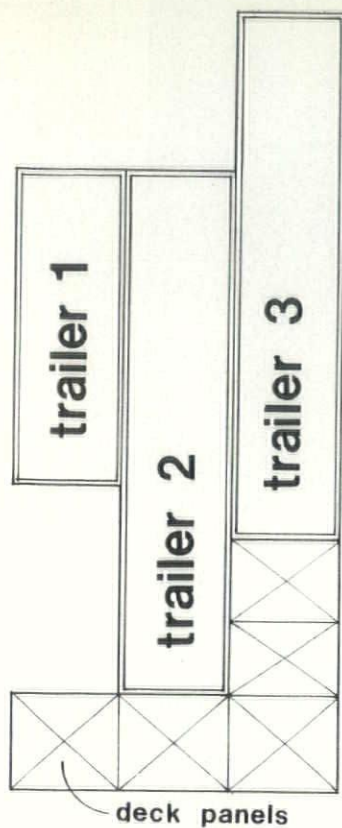
STANLEY W. ABBOTT, F.A.S.L.A.
JOHN BROWN ASSOCIATES
ANHEUSER-BUSCH
BOYER AND HENDERSON, INC. AND
BROOKLINE MANUFACTURING, INC.
FRED MILLER AND ABBOTT ASSOCIATES

Boyer and Henderson, Inc. handled excavating, foundations, carpentry, waterproofing, weatherstripping and hardware.

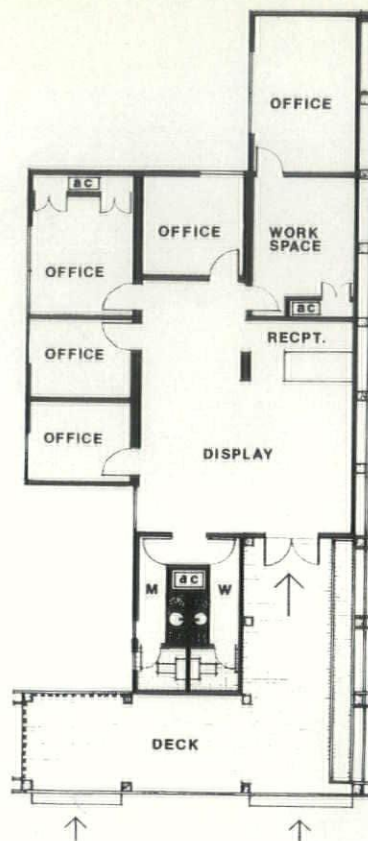
Brookline Manufacturing, Inc. handled roofing, windows, paneling, insulation, plumbing fixtures, air conditioning and heating.

Subcontractors & Suppliers

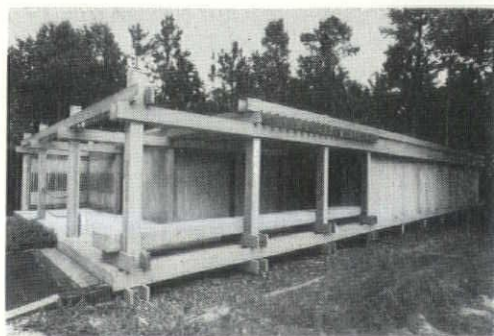
Benson-Phillips Co., Inc., Williamsburg, concrete; Thomas Painting Co., Williamsburg, painting; Colonial Electric Co., Inc., Williamsburg, electrical work; Williamsburg Mechanical Corp., Williamsburg, plumbing; and, Basic Construction Co., Newport News, paving.



SCHEMATIC



PLAN





HONOR AWARD

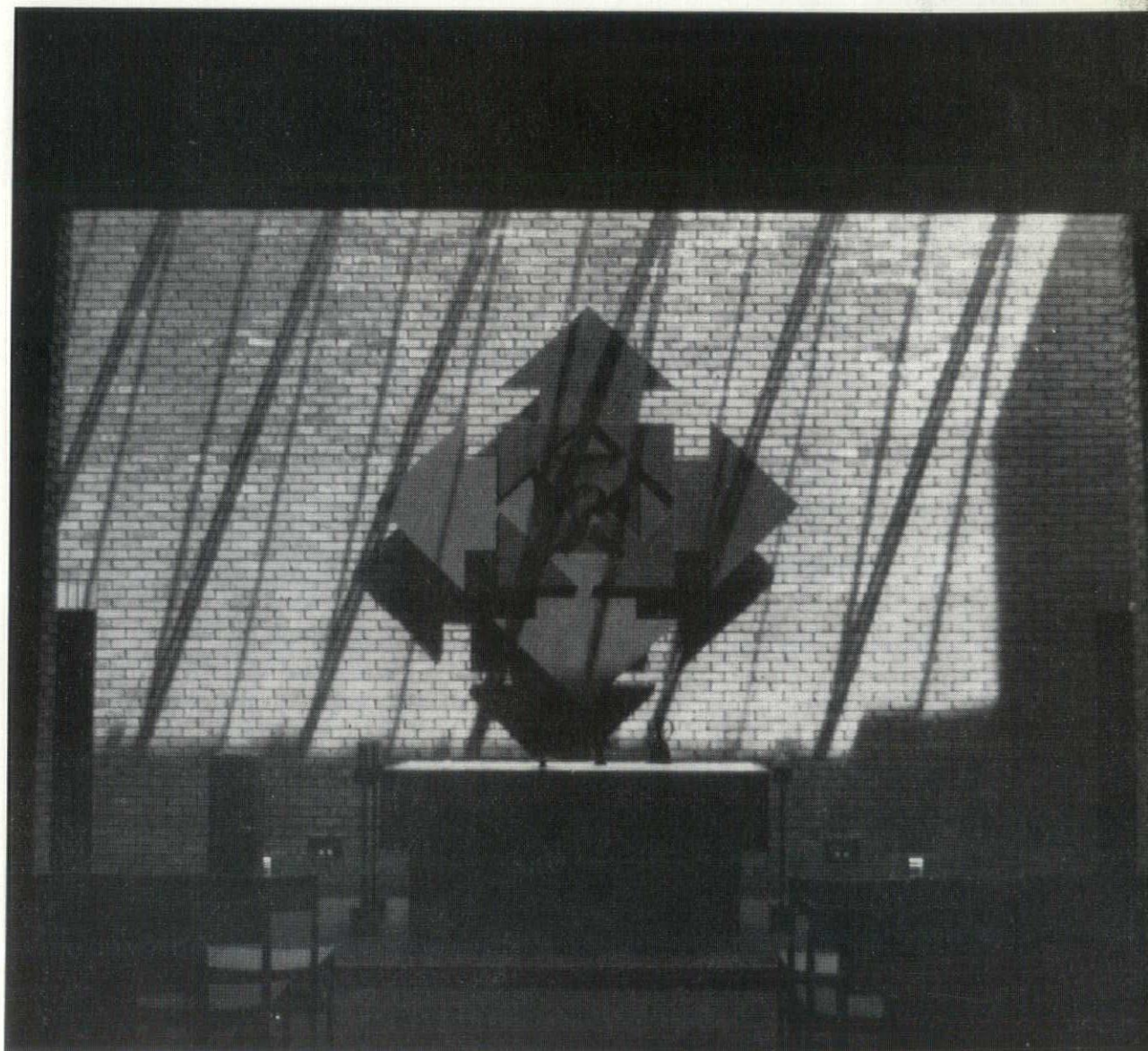
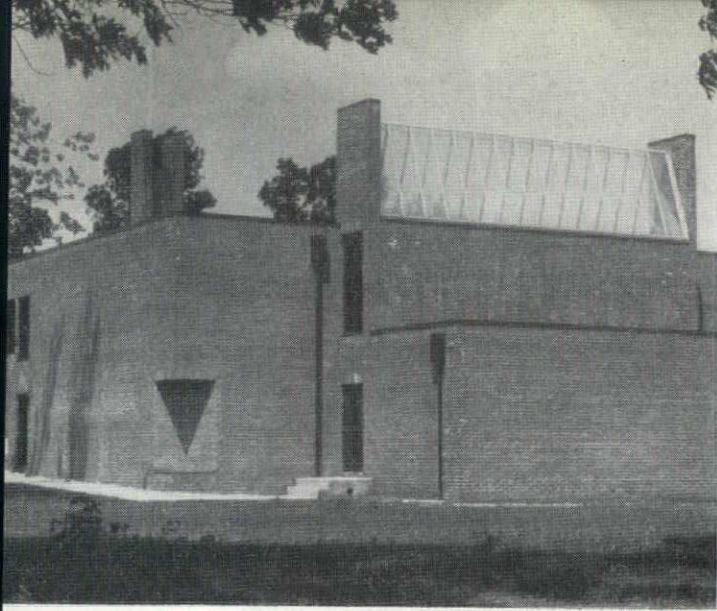
ARCHITECT

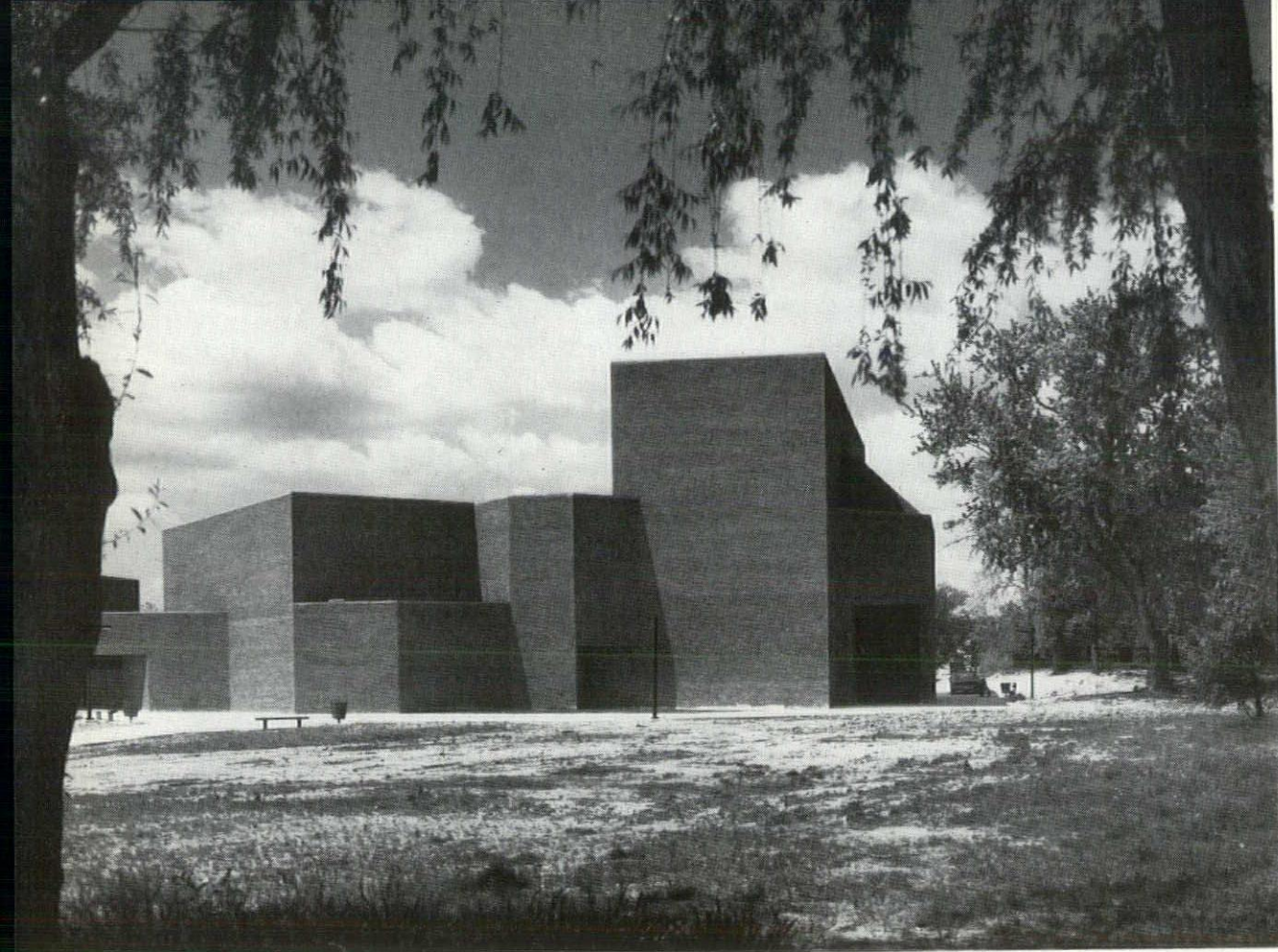
DONALD R. SUNSHINE,
SUNSHINE, JAEGER, KUPRITZ, LTD.

CONCORDIA LUTHERAN CHURCH

LANDSCAPE ARCHITECT
STRUCTURAL ENGINEERS
MECHANICAL/ELECTRICAL ENGINEERS
LITURGICAL CONSULTANT/ARTIST
OWNER
GENERAL CONTRACTOR
PHOTOGRAPHY

DONNA ANDERSON
WIESINGER-HOLLAND, LTD.
McDONALD ENGINEERING CO.
RICHARD CAEMMERER, JR.
CONCORDIA LUTHERAN CHURCH
GRAFIC CONSTRUCTION CO.
ARCHITECT





HONOR AWARD

ARCHITECT VOSBECK VOSBECK KENDRICK REDINGER

THOMAS JEFFERSON JUNIOR HIGH SCHOOL AND COMMUNITY CENTER

OWNER
GENERAL CONTRACTORS

ARLINGTON COUNTY, VIRGINIA
WAYNE CONSTRUCTION CO., INC. AND
EARL K. ROSTI, INC.
J. ALEXANDER

PHOTOGRAPHY

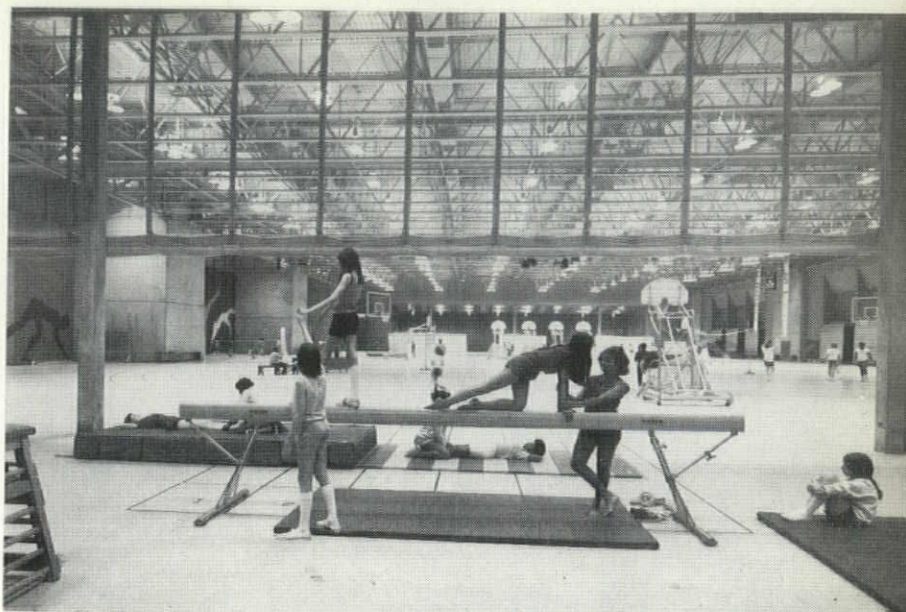
The general contract was a joint venture, handled by Wayne Construction Co., Inc., of Arlington, and Earl K. Rosti, Inc., Falls Church.

Subcontractors & Suppliers

Newton Asphalt Co., Inc. of Va., Alexandria, macadam; Woodbridge Glass Co., Woodbridge, glass & glazing; Overhead Door Co., Inc., Alexandria, rolling doors; Anning-Johnson Co., Newington, acoustical tile; Marty's Floor Covering Co., Inc., Alexandria, resilient floors and carpet; Modern School Equipment Inc., Richmond, chalkboards; J. H. Pence Co., Richmond, foldaway chairs & platforms; Acme Equipment Co., Inc., Richmond, walk-in refrigerators & freezer; Rogers Excavating, Fairfax, excavation; Wilcox Caulking Corp., Lorton, caulking; Better Termite & Pest Control Co., Inc., Alexandria, soil poisoning; Franki Foundation Co., Arlington, piling; Sweetman & Hall, Inc., Falls

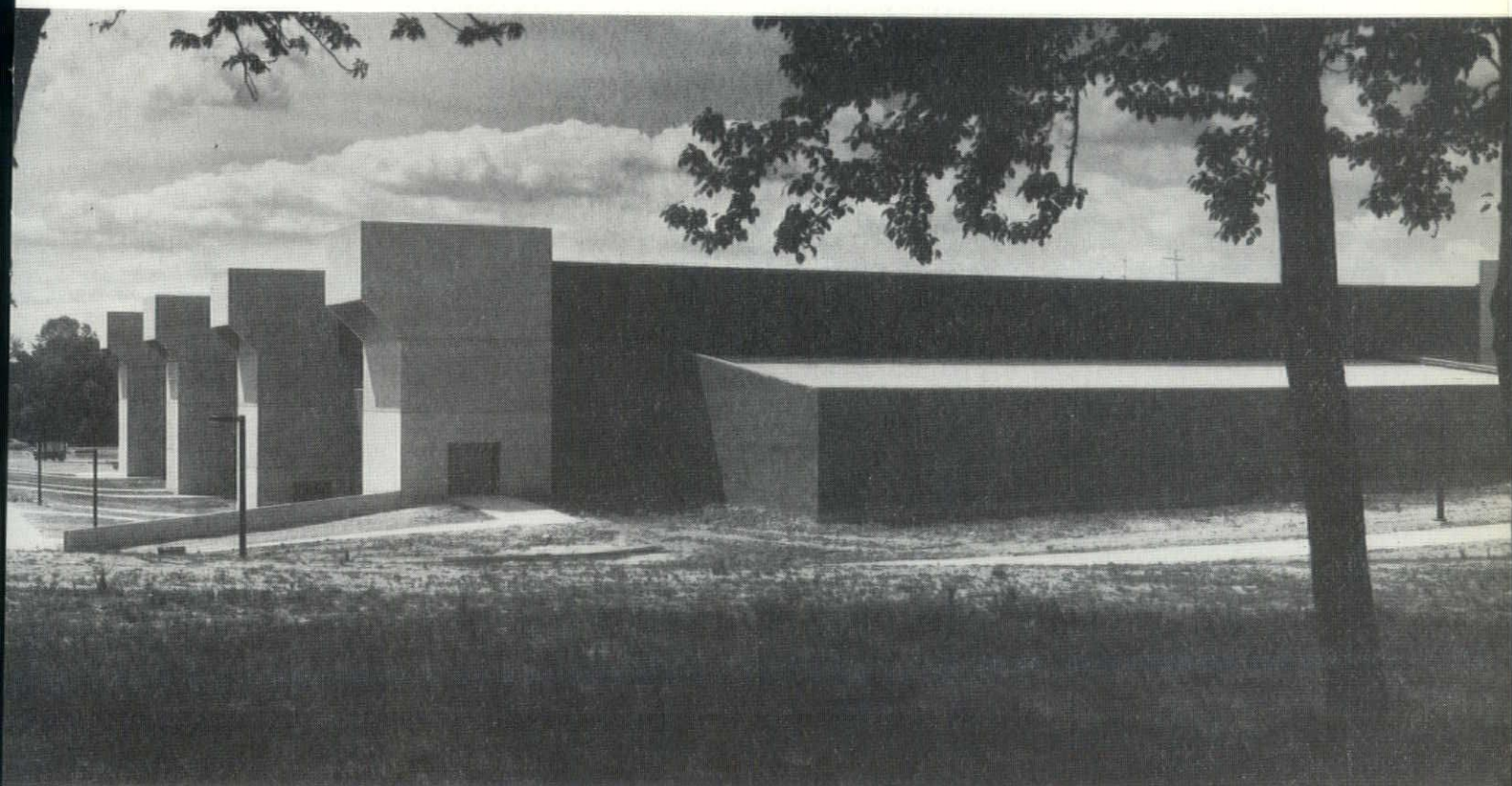
Church, concrete; Trowbridge Steel, Leesburg, rebars; Cannon Construction Corp., Alexandria, masonry; Arlington Woodworking & Lumber Co., McLean, millwork; Dodd Brothers, Inc., Falls Church, drywall, lath & plaster; Davenport Insulation, Inc., Springfield, building insulation; Perrin & Martin, Inc., Arlington, roof & sheet metal; Prospect Industries, Inc., McLean, dampproofing, wall waterproofing & slab; American Steel Products Corp., Woodbridge, metal bucks; Roanoke Engineering Sales Co., Inc., Arlington, folding security gates; Walter C. Davis & Son, Inc., Alexandria, electrical work; and E. E. Cousins, Inc., McLean, plumbing, heating, ventilation, air conditioning, storm sant, & water; Barber & Ross Co., Leesburg, hardware.

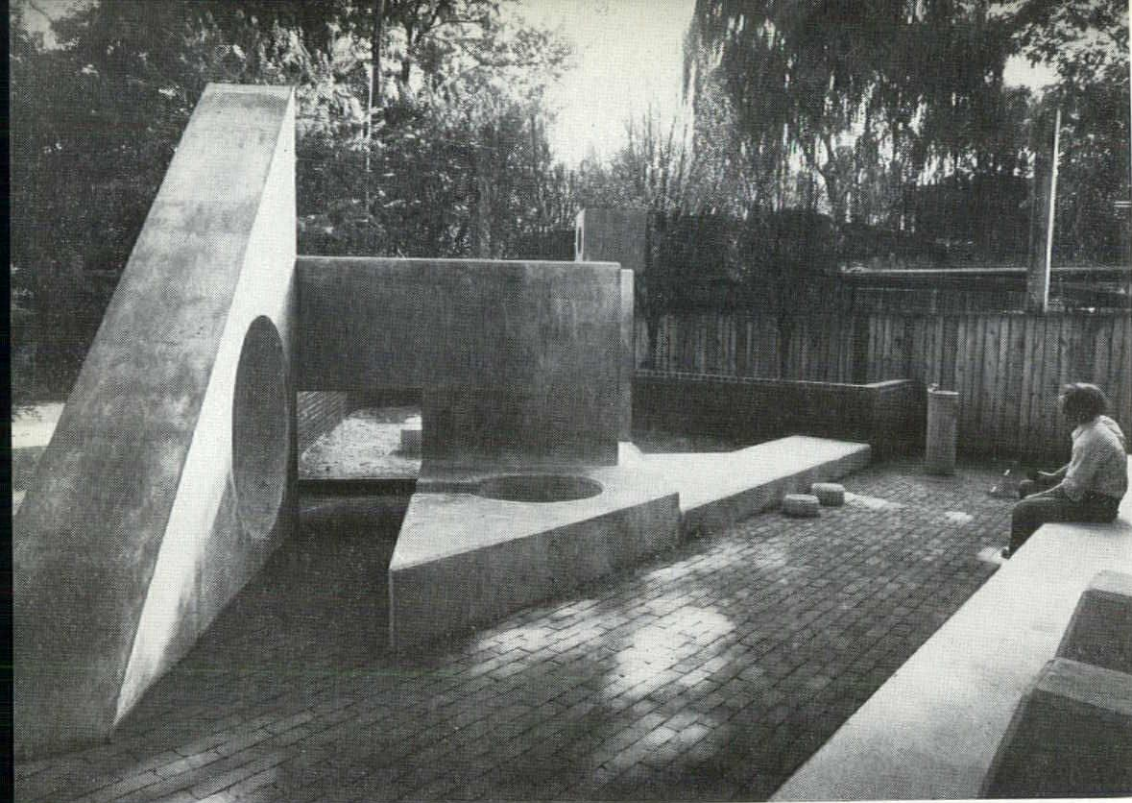
Firms from Maryland were Apex Decorating, Inc., Silver Spring, paint, wall covering & tile coat; Fred S. Gichner Iron Works, Inc., Beltsville, plastic trash baskets and mis-



cellaneous iron; Standard Art Marble & Tile Co., Inc., Landover, seamless floors & ceramic tile; Shone Building Products, Takoma Park, metal toilet partitions; Modernfold of Washington, Inc., Silver Spring, operable partitions; Horner Elevator Co., Inc., College Park, elevators.

Others were: Professional Products, Pittsburg, Kansas, resinous; Tiffin Scenic Studio, Inc., Tiffin, Ohio, gym divider curtains; Adams Fabricated Steel Corp., Washington, D. C., structural steel, steel joists, steel deck & mesh; H. H. Robertson Co., Washington, D. C., insulating metal wall panels; and, Charles W. Pooley, Jr., Bronx, N. Y., smoke relief ventilation.





HONOR AWARD

ARCHITECT

CARLTON STURGES ABBOTT, ABBOTT ASSOCIATES

PARADISE PARK

LANDSCAPE ARCHITECT
STRUCTURAL ENGINEER
OWNER

STANLEY W. ABBOTT, F.A.S.L.A.
RANDALL A. STRAWBRIDGE
DEPARTMENT OF RECREATION AND PARKS
CITY OF RICHMOND

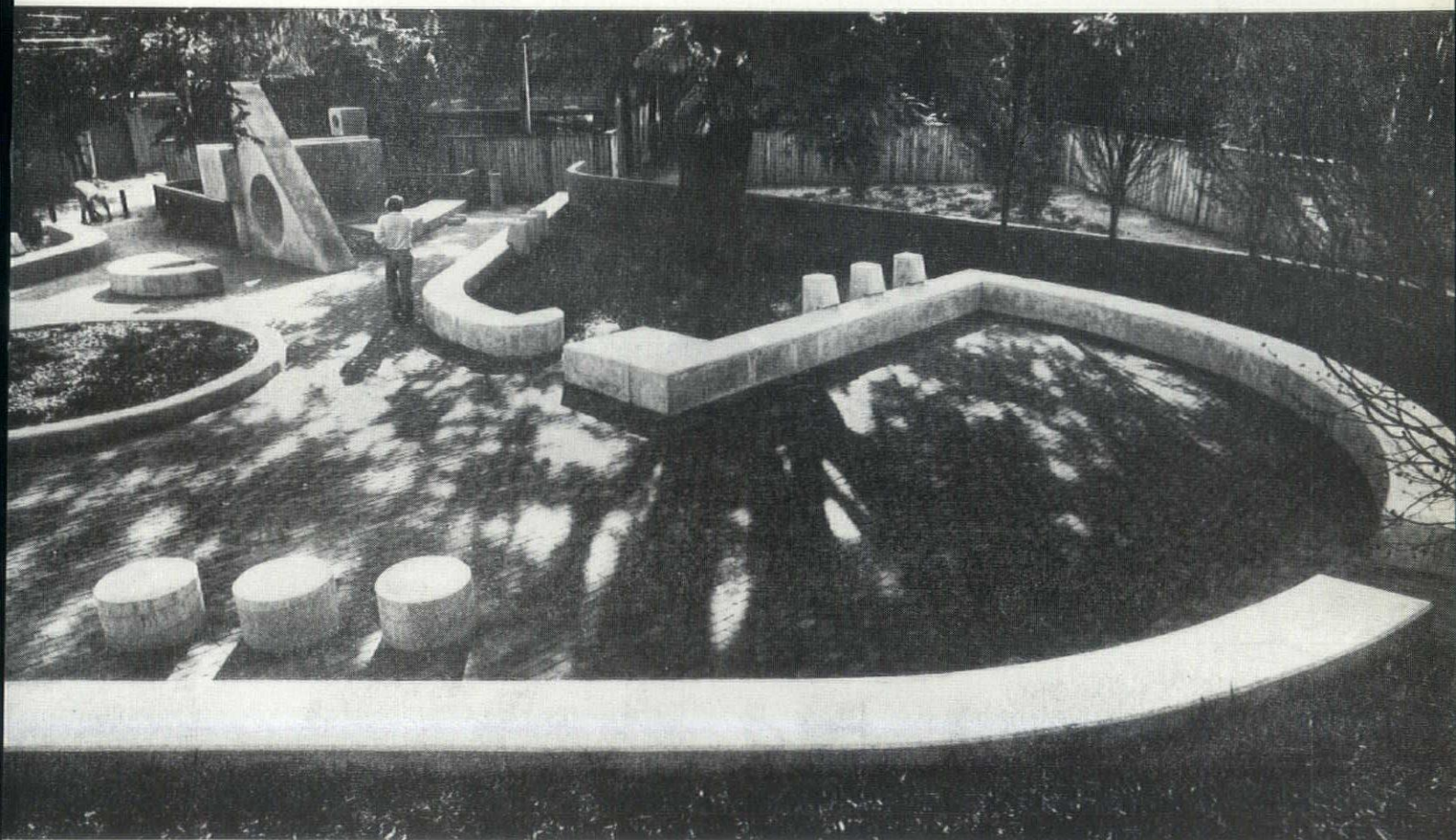
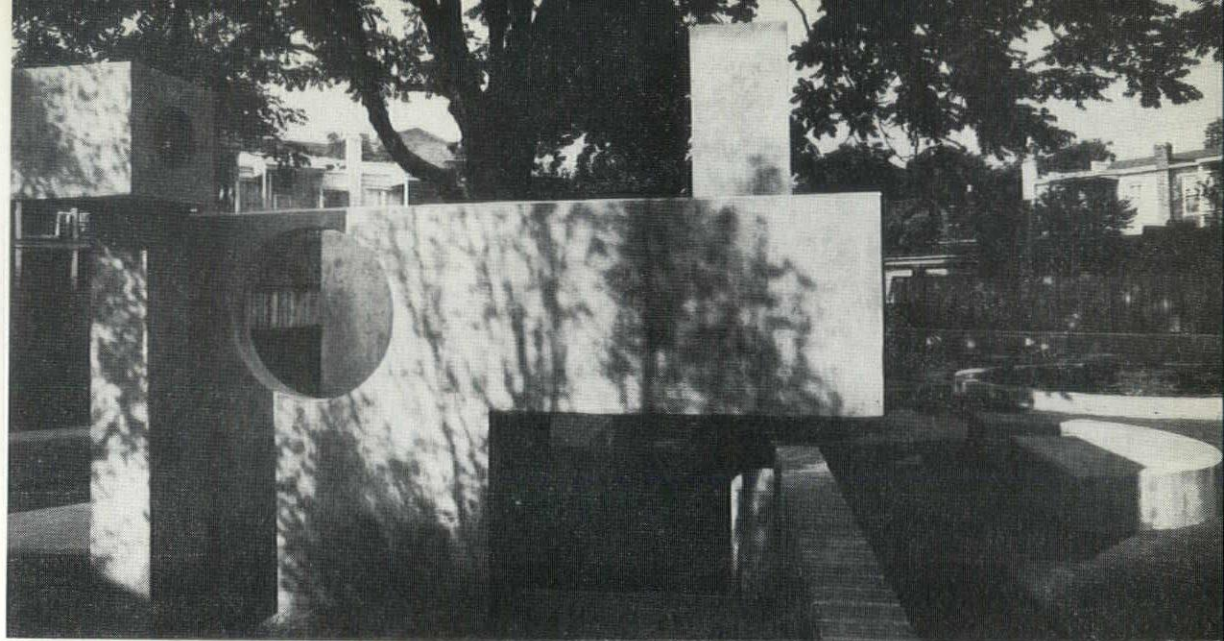
GENERAL CONTRACTOR
PHOTOGRAPHY

W. M. WALDER, JR., INC.
ARCHITECT

W. M. Walder, Jr., Inc. of Richmond was general contractor and handled excavating, foundations, masonry work, carpentry, handrails and hardware.

Subcontractors & Suppliers (Richmond firms unless noted)

Tidewater Materials Corp., concrete; Old Virginia Brick Co., Inc., Salem, masonry supplier; Bethlehem Steel Corp., Sparrows Point, Md., steel; Ben Collier Electrical Contractor, Inc., lighting fixtures and electrical work; Haws Drinking Fountains, plumbing fixtures; Bradley Mechanical Co., Chesterfield, plumbing; and, E. R. Plaster, paving.





HONOR AWARD

ARCHITECT

CARLTON STURGESS ABBOTT,
ABBOTT ASSOCIATES

CARGILL RESIDENCE

LANDSCAPE ARCHITECT

OWNER

GENERAL CONTRACTOR

STANLEY W. ABBOTT, F.A.S.L.A.

MR. & MRS. JAMES N. CARGILL

HEINDL-EVANS, INC.

The general contractor, Heindl-Evans, Inc., of Mechanicsville handled excavating, carpentry, paneling and waterproofing. Pool was by the Jo-Pa Company.





HONOR AWARD

ARCHITECT

KAMSTRA, ABRASH, DICKERSON ASSOCIATES

LAKE ANNE NURSERY KINDERGARTEN

STRUCTURAL ENGINEERS

MECHANICAL ENGINEERS

OWNER

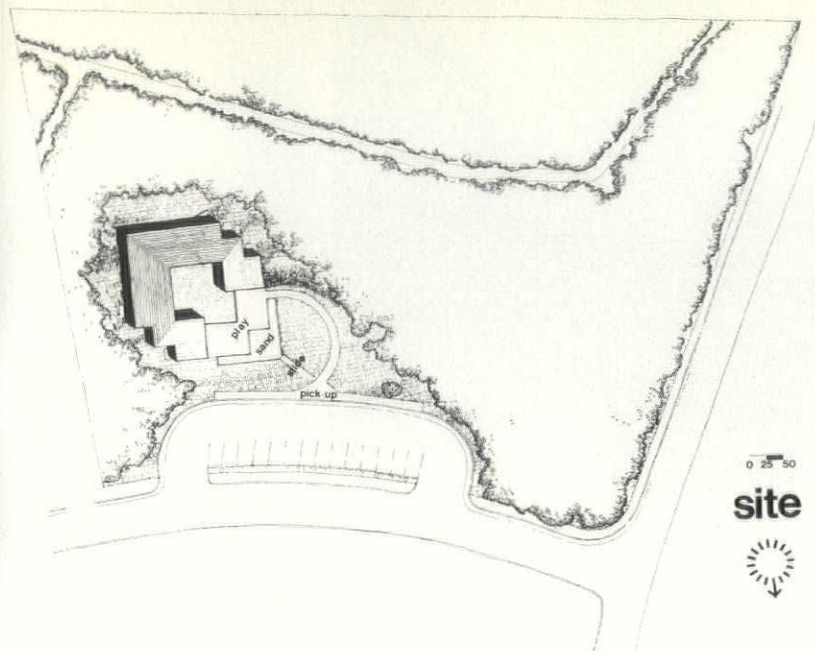
GENERAL CONTRACTOR

FORTUNE, DOWNEY, ELLIOTT, LTD.

JOHN F. LAWRENCE & ASSOCIATES

LANK BOARD OF DIRECTORS

BRUCE SCOTT CONSTRUCTION CO.





HONOR AWARD

ARCHITECT

HIGHFILL & ASSOCIATES, INC.

ST. BARTHOLOMEW'S EPISCOPAL CHURCH

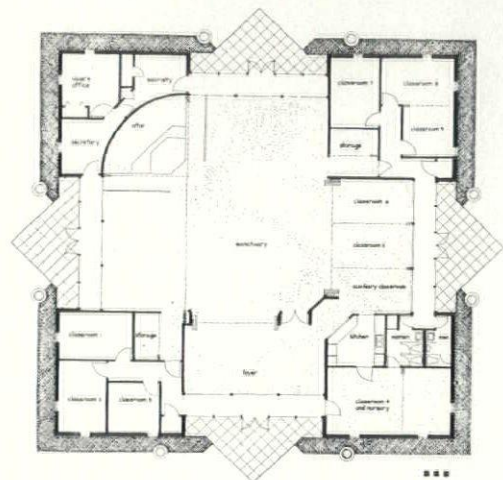
STRUCTURAL ENGINEER
MECHANICAL/ELECTRICAL ENGINEERS
OWNER
GENERAL CONTRACTOR
PHOTOGRAPHY

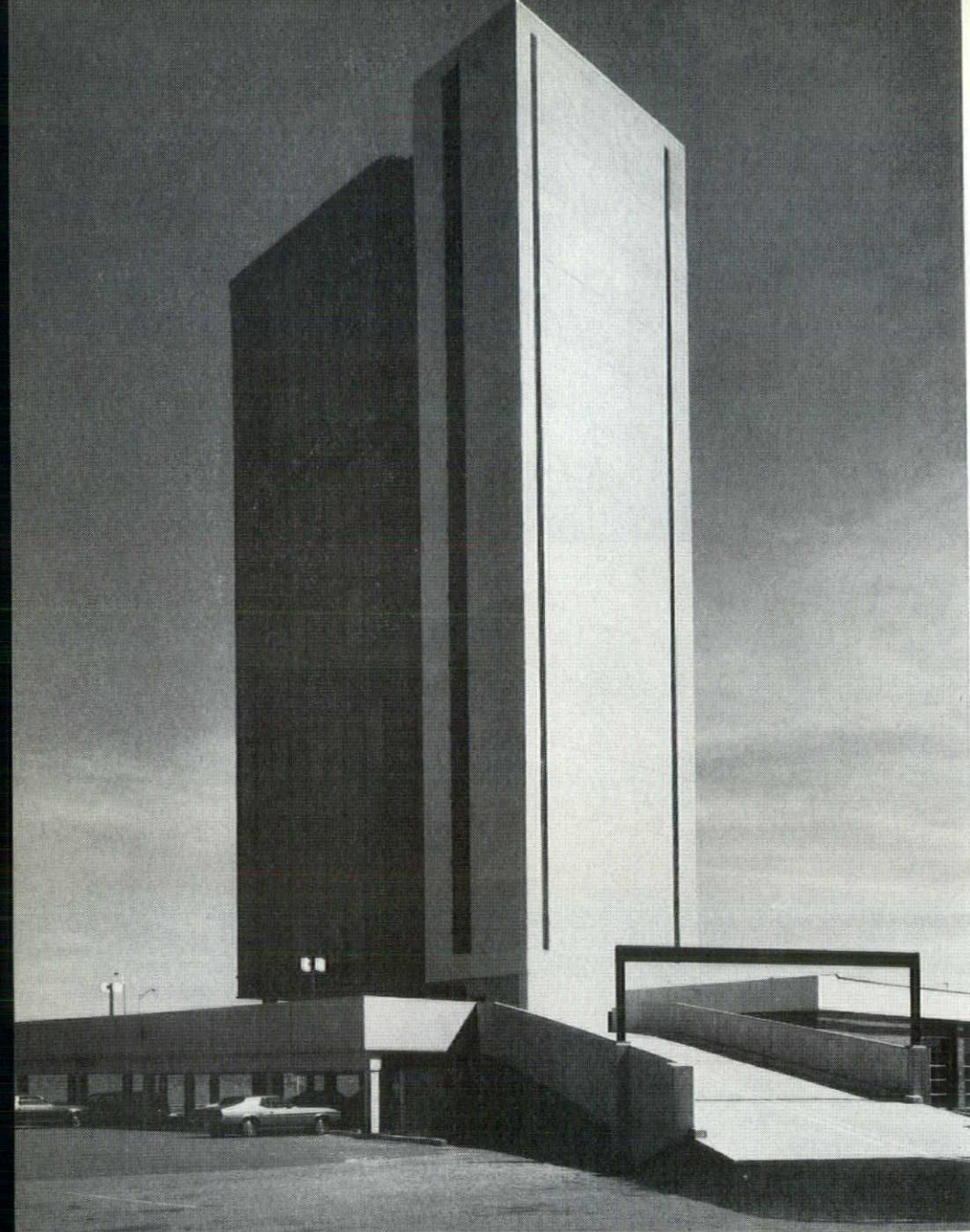
ALVIN W. DUNBAR
WILLIAM G. BRANDT & ASSOCIATES
ST. BARTHOLOMEW'S EPISCOPAL CHURCH
WHITEHEAD-LEACH CONSTRUCTION CO.
W. ROBERT HART, PHOTO GRAPHICS SHOP, INC.

Whitehead-Leach Construction Company of Richmond,
the general contractor, handled excavating.

Subcontractors & Suppliers (All Richmond firms)

J. Carrington Burgess Masonry Contractor, Inc., masonry;
Liphart Steel Co., Inc., steel; Smith Door and Window
Specialties, windows; TMS Builders Supply, carpentry &
millwork; S. P. Terry, painting; Ace Electric Co., Inc.,
electrical work; Joe P. Clark Plumbing & Heating, plumb-
ing; and, Colonial Trane Air Conditioning Co., air condi-
tioning, heating & ventilating.





HONOR AWARD

ARCHITECTS WARD AND HALL AND ASSOCIATES, AIA

SPRINGFIELD TOWER OFFICE BUILDING

LANDSCAPE ARCHITECT
STRUCTURAL ENGINEERS
MECHANICAL/ELECTRICAL ENGINEERS
OWNER
GENERAL CONTRACTOR
PHOTOGRAPHY

ROBERT J. BURNS, JR., AIA
FORTUNE, DOWNEY, ELLIOTT, LTD.
GEORGE IRA WORSLEY, JR. & ASSOCIATES
SPRINGFIELD TOWER LIMITED PARTNERSHIP
EDSALL CORPORATION
J. ALEXANDER

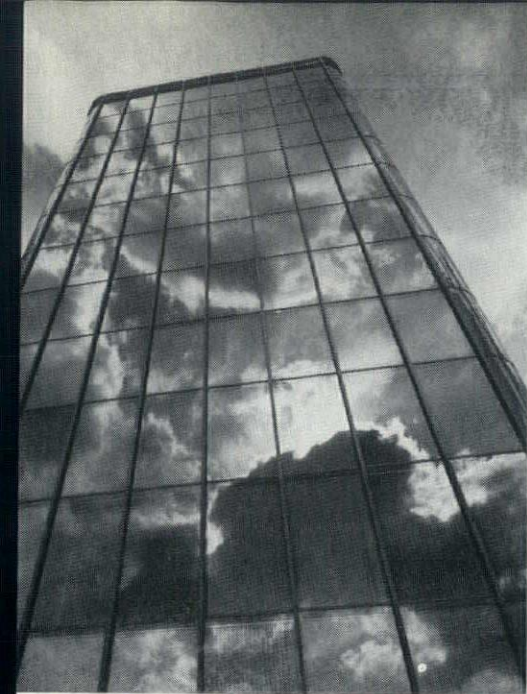
The general contractor, Edsall Corp., of Springfield, handled excavating and carpentry.

Subcontractors & Suppliers

Firms from Springfield were: Vecco Concrete Construction, Inc., foundations & concrete; Southern Iron Works, Inc., steel & steel roof deck; Davenport Insulation, Inc.,

waterproofing, weatherstripping & insulation; Fries, Beall & Sharp Co., steel doors & bucks & hardware; and Jennings Trane Air Conditioning Co., air conditioning, heating & ventilating.

Others were: V. F. Pavone Construction Co., Alexandria, masonry contractor & supplier; Concrete Structures, Inc., Richmond, prestressed concrete; Virginia Roofing Corp.,



Alexandria, roof deck & roofing; Washington Plate Glass Co., Inc., Washington, D. C., window walls & glazing; Higham Co., Inc., Alexandria, painting; Peter Bratti Assocs., Inc., Arlington, structural (glazed) tile, ceramic tile & terrazzo; Standard Floors Inc., Washington, D. C., acoustical & resilient tile; Dodd Brothers, Inc., Falls Church, plaster; Miller Mfg. Co., Inc., Richmond, millwork; W & W Fabrication, LaPlata, Md., handrails; Becker Electric Co., Inc., Alexandria, lighting fixtures & electrical work; Milind Mechanical Contractors, Inc., Upper Marlboro, Md., plumbing & plumbing fixtures; Westinghouse Elevator Co., Washington, D. C., elevator; General Paving Corp., Manassas, paving; and LouverDrapes, Inc., Baltimore, Md., louver drapes.



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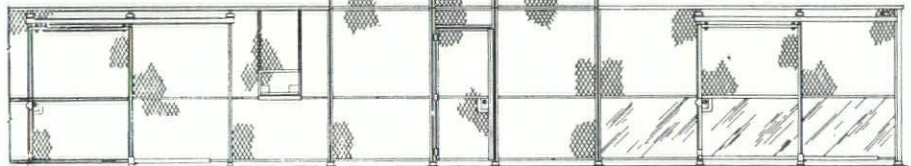


Mechanicsville, Va.

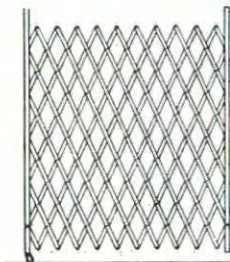


STANDARD WIRE MESH PARTITIONS

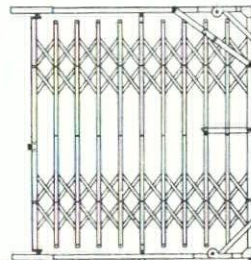
Made of 1½" diamond mesh 10 guage wire for any desired arrangement



SINGLE and DOUBLE FOLDING GATES

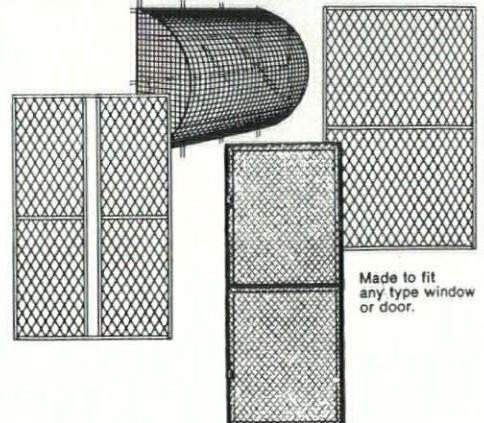


Made of heavy guage cold rolled steel for maximum strength, security and durability. Heights and widths for most requirements.



SARATOGA 7.4060

WIRE MESH WINDOW GUARDS



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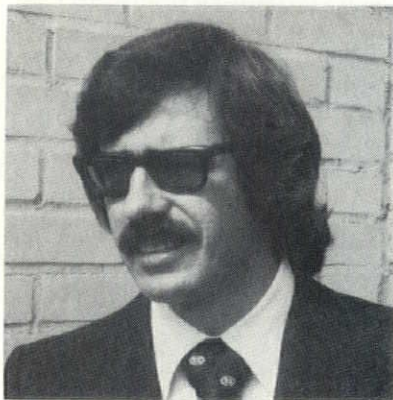


418-422 COLVIN STREET
BALTIMORE, MARYLAND 21202

AIA NEWS

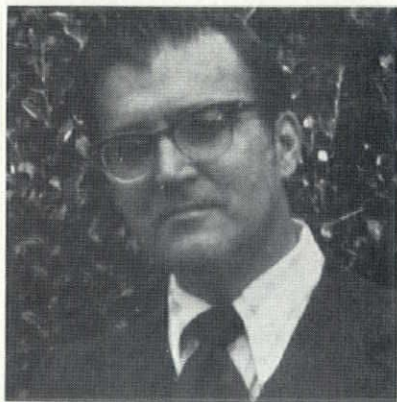
(Continued)

NEW CORPORATE MEMBERS



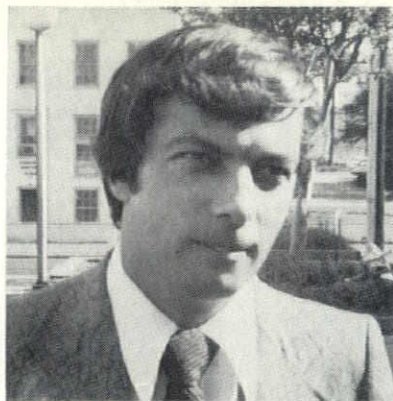
JOHN W. CHENAULT, AIA

Born February 11, 1944 in Richmond, John received his architectural education at VMI, University of Virginia extension, Richmond, John Tyler Community College and VCU. He has been an Associate member of the Chapter since April 1969 and passed his examination as a Registered Architect in August 1974. John is self-employed in Richmond.



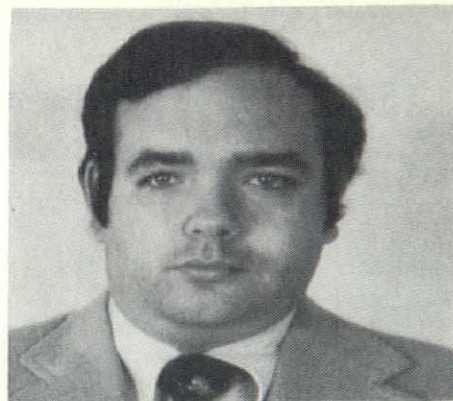
NORRIS ERVIN EDGERTON, AIA

Born May 24, 1934 in Chase City, Norris received a BS at VPI & SU, Blacksburg and MS in Building Construction Business Administration at VCU. Norris has been a Virginia Chapter Member since 1964; first as an Associate; National AIA Associate in 1972 and became registered in August, 1974. He has opened his own firm in Chase City.



WILLIAM GEORGE MOORE, JR., AIA

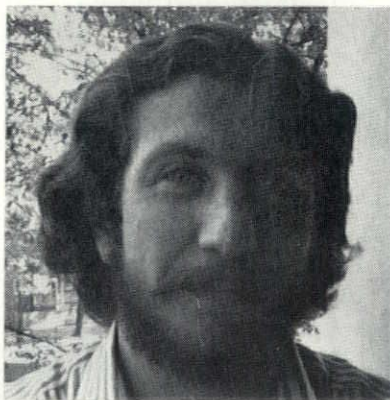
Born September 30, 1941 in Richmond, Bill received a Bachelor of Architecture degree from University of Tennessee, Knoxville. He is Designer/Project Manager with Kenneth F. Weimer, Richmond.



CHARLES DAVID SANDS, JR.

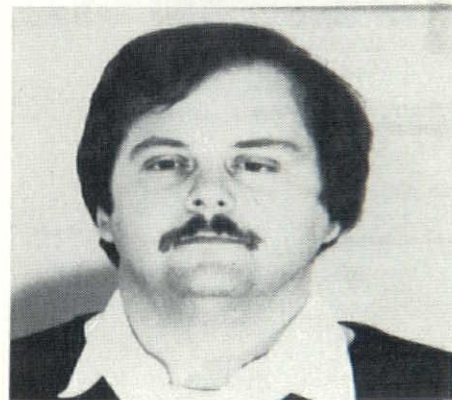
Born October 23, 1945 in Richmond, Dave received his Bachelor of Architecture at VPI & SU, Blacksburg. He is a Designer/Draftsman with Baskerville & Son, Richmond.

NEW PROFESSIONAL ASSOCIATE MEMBERS



ROBERT ARNOLD MAGOON, JR.

Born August 20, 1946 in Methuen, Massachusetts, Bob received his BS of Architecture at VPI & SU, Blacksburg. He is with Abbott Associates, Williamsburg.



FRANK A. RIBAR, III

Born January 15, 1941 in Norfolk, Frank received his architectural education at Frederick College, Portsmouth; VPI & SU, Blacksburg; and, Old Dominion University, Norfolk. He passed his examination and was registered December 1973. Currently, he is employed with Norfolk Area Medical Center Authority, Norfolk.

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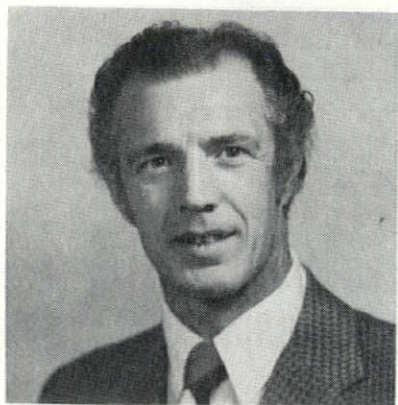
1 East Cary St.

Richmond, Virginia

NEW ASSOCIATE MEMBERS

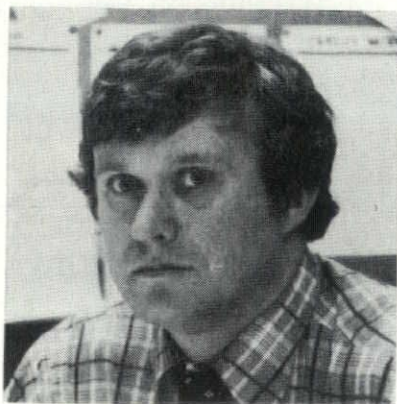
JOHN McHALE DEAN DAVIS

Born August 10, 1950 in St. Louis, Missouri, Davis received his Bachelor of Architecture degree from University of Virginia, Charlottesville. He is with Abbott Associates, Williamsburg as a Draftsman.



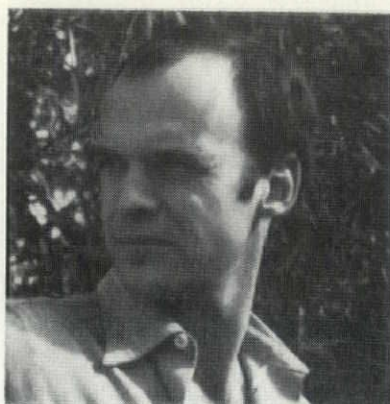
DENNIS S. MARRION

Born August 23, 1929 in London, England, Marrion received his architectural engineering education in London, England at the North Western Polytechnic and Enfield Technical College. He also attended Virginia State College (UVA), Richmond for continued courses. Dennis is with the Henrico County School Board as an Instructor of Mechanical and Architectural Drafting at Hermitage High School.



JOHN CAMPBELL MORGAN, JR.

Born August 5, 1939 in Richmond, John received his architectural training at RPI (now VCU), Richmond and VPI & SU, Blacksburg. He is currently a Draftsman with Horace G. Freeman, Richmond.



ROGER FULTON NEWILL

Born October 18, 1946 in New Jersey, Roger received a Bachelor of Architecture degree and Master of Reg. Planning from Cornell University, College of Architecture, Ithaca, New York. He is in the Planning Department of Oliver, Smith and Cooke, Virginia Beach.



WALTER ALBERT SCHMIDT

Born April 23, 1918 in New York, New York, he received his architectural drafting from Murray Hill Trade School, New York, New York. Schmidt is currently Chief Draftsman with Brundage, Cohen, Kroskin and Associates, Norfolk.

(AIA News continues on page 91)

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NEWPORT NEWS, VA.

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HARSHAW RESIDENCE

RICHARD SCHOPPET,
AIA ASSOCIATE MEMBER
ASSOCIATED DESIGNER

RICHARD SCHOPPET &
MRS. HARSHAW
INTERIOR DESIGNERS & DECORATORS

REID CONTRACTING CORP.
GENERAL CONTRACTOR

THE owners, Dr. and Mrs. Harshaw wanted a traditional, French-style country home to occupy a commanding view of Fox Lake in Great Falls, Virginia. A formal area for entertaining was desired, and accomplished, but informal family-oriented areas were to be incorporated as well.

The breakfast area, designed with old country flavor and charm, is one area that satisfied the latter criteria. It incorporates old barn boards, horse shoes and relics from the family homestead barn recently torn down. Interior design and decoration for the home were accomplished by Richard Schoppett, AIA Associate Member and Mrs. Harshaw.

The main house, 48' 8" x 34' 8" is complemented by a wing of 31' 8" x 24'. One attractive feature is the cedar roof, which is flat on top, with gravel employed on this area. Interior walls



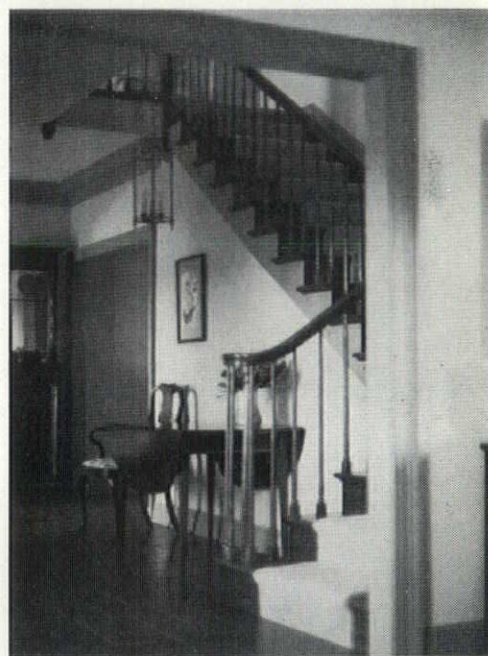
are of gypsum board, stucco and paneling, and floors are oak, carpet and tile. Wood casement windows were used.

Reid Contracting Corp. of McLean was general contractor and handled carpentry, waterproofing and roof deck.

Subcontractors and Suppliers

D. I. Lyons Excavating & Paving Co., Sterling, excavating; T. J. Crouch & Sons, Inc., Sterling, foundations; Bernard Langhorne, Haymarket, concrete finishing; George Binsted, Arlington, masonry contractor and paving; R. Robinson, Inc., Washington, D. C., masonry supplier & steel; Cedar Shakes & Shingles, Inc., McLean, roofing; Ben Porto & Sons, Bethesda, Md.,

(Continued on page 95)



SUBURBAN SAVINGS AND LOAN

McLAUGHLIN-GHENT ASSOCIATES
CIVIL ENGINEERS

GULDU-FERNANDEZ
STRUCTURAL ENGINEERS

FRANK WILLIAMS
MECHANICAL ENGINEER

ALEX PEREZ
ELECTRICAL ENGINEER

AMERICAN FURNITURE & FIXTURE CO.
INTERIOR DESIGN

EDWARD VAN LAER, INC.
GENERAL CONTRACTOR

RIP PAYNE PHOTOS
PHOTOGRAPHY

SUBURBAN SAVINGS AND LOAN ASSOCIATION, is understandably proud of its new branch location in Charlottesville, in the heart of lovely Albemarle County. From Thomas Jefferson's Monticello and the University of Virginia, throughout the countryside, all of Albemarle County is beautiful. All of it has many natural advantages of society, agriculture and education, punctuated by gracious estates and advantages to life and living.

Suburban's president, James L. McIlvaine, of Falls Church, and the architectural firm of Kasen-Svalbe Associates, succeeded in consummating a marriage of both old and new Virginia in the design and construction of the building. Strikingly modernistic white pillars accent the street facade, with warm, Colonial brick chosen for the exterior. Autumn hues of cinnamon-brown, burnt orange and gold characterize the interior decor, with all teakwood fixtures and desks. The comfortable lobby is restful and inviting, while the employees' lounge is fully equipped with such amenities as stove, refrigerator, disposal, ice maker, etc.

Enhancing the exterior walk-ways, boxwood and flowering azaleas abound in a field of washed white marble chips. In early Spring, a spectacular display of magnificent pink dogwood . . . the state tree of Virginia . . . adds to the beauty of the setting.

Edward van Laer, Inc., of Charlottesville was general contractor and handled foundations, concrete, masonry, carpentry and insulation.

Subcontractors & Suppliers

Charlottesville firms were: Wm. H. Chisholm Co., Inc., excavating; W. A. Lynch Roofing Co., Inc., roofing; Charlottesville Glass & Mirror Corp., glazing; A. L. Gianniny, painting; Charlottesville Floor Covering Co., acoustical & resilient tile; E. Ware, plaster; Oliva & Lazzuri, Inc., ceramic tile; Phillips Building Supply, millwork; Vanzey L. Wood, Jr., electrical work; Noland Co., plumbing fixtures; L. A. Lacy, Inc., plumbing; W. E. Brown, Inc., air conditioning, heating & ventilating; and, Martin Hardware Co., hardware supplier.

Others were: Liphart Steel Co., Inc., Richmond, steel & steel roof deck; Kawneer Co., Inc., Atlanta, Ga., window walls; Architectural Components, Rockville, Md., U. S. Plywood "Facad" panels; and, Le Febure Corp., Fairfax, vault and drive-up window.



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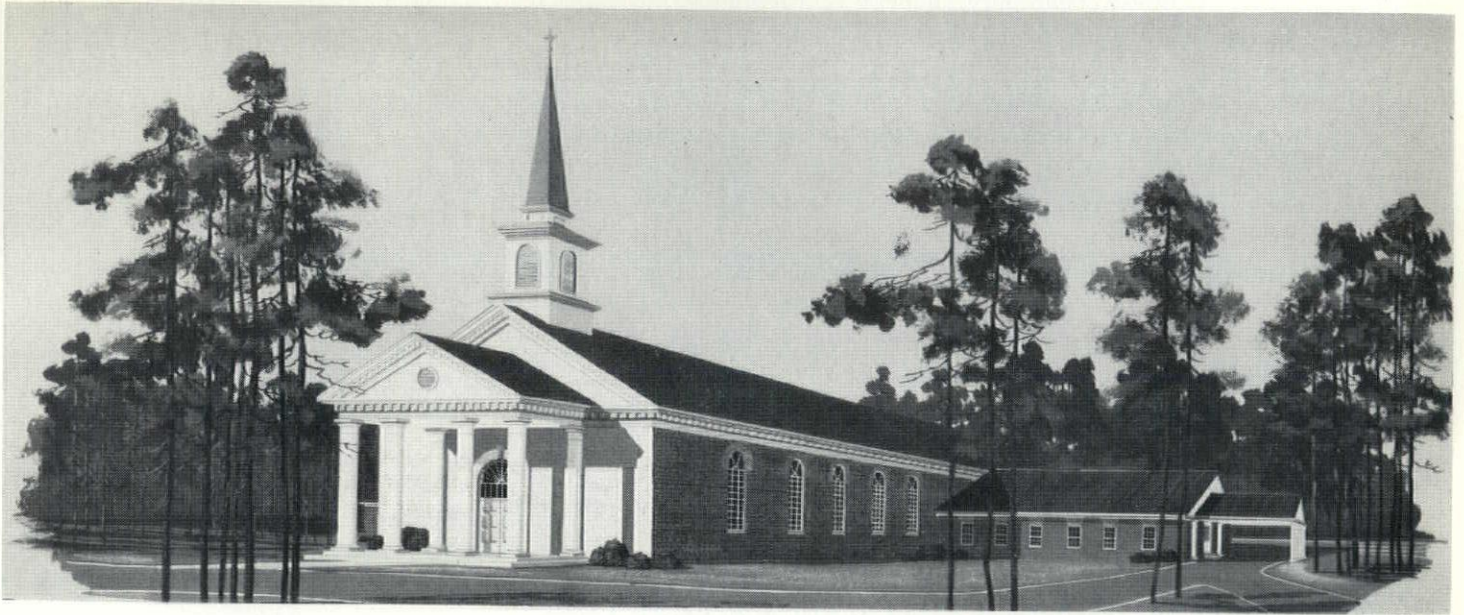
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THE arterial street program which the city of Petersburg began a few years ago provided the impetus for the 120-year-old Second Baptist Church to move to a new location.

There were the usual months of planning and then delayed construction due to bad weather, but the congregation finally realized its goal with the cornerstone-laying ceremony November 10, 1974.

Members and friends have something else very new to enjoy and that is a gift of chimes given by forty members of the congregation. The chimes toll the hours of the day as well as sounding out hymns at twilight for the neighboring community to hear.

Something old was revered too. The stained glass window for the baptism was preserved from the original church and used in the new building.

The traditional structure, shaped like a Greek cross with its facade painted white, is situated among surrounding pine trees and consists of three educational wings and the chapel or interim sanctuary.

The A roof is wood trussed with asphalt shingles, and supports a 21' steeple and 3'5" cross, both made of aluminum.

The curved, gravelled driveway leads from the main road around the front and side of the brick building, under a portico, and then on to the parking area in the rear.

The portico and porches are also painted white.

The chapel is entered through the front portico. Inside, to the left, is a coat room, and on the right is the bride's room, carpeted in red with smooth plaster walls.

Eight brass Colonial chandeliers light the chapel with ten accessory downlights. Dimmer switches are controlled in the pulpit, choir and vestibule.

Incandescent lighting serves the remainder of the building except for the library, office areas and workrooms which have fluorescent lighting.

The vivid color of the red carpet is reflected in the red tufted pew cushions. The pews are stained a dark walnut with pew ends painted oyster white, matching the color of the walls. The dark walnut pulpit, communion table

and chairs were brought from the old building and the new pews were stained to blend with the old furnishings.

The interim sanctuary will accommodate approximately 300.

A carpeted study has a bookcase lining two walls with its other walls paneled and the library has vinyl asbestos tile and painted solite block walls.

There are 22 classrooms, all having painted exposed block walls with vinyl asbestos tile. The toilets have ceramic tile, "Glid-Tile" walls and smooth plaster ceilings.

The kitchen, which opens into the fellowship hall, has a pass window for serving. It has a vinyl asbestos tile floor and painted block walls with smooth plaster ceiling.

The fellowship hall, with stage at one end, doubles as classroom spaces during Sunday school hours.

The heat is furnished by an oil-fired burner, hot water baseboard with four zones. The air conditioning system also has four zones.

Future plans include a sanctuary and a fellowship hall with additional parking area. The present parking lot will

(Continued on page 95)

THE Lake Ridge Shopping Center is the initial community shopping center in a 3,000 acre planned community in the Virginia suburbs known as Lake Ridge. Lake Ridge is located on the south side of the Occoquan Creek in Prince William County, and is being developed by Ridge Development Corporation, an affiliate of Weaver Brothers, Inc., Washington, D. C.

Lake Ridge Shopping Center contains a gross area of approximately 70,000 square feet, and was completed in the Spring of 1974 by Kettler Brothers, Inc., 19110 Montgomery Village Avenue, Gaithersburg, Maryland. Total construction cost was \$1,350,000. This is the first stage of a total 60 acre retail commercial development, utilizing approximately 12 acres of the site.

The major tenants of Lake Ridge Shopping Center are Safeway, Peoples Drug, Peoples Hardware, Texaco, and First Manassas Bank & Trust Company. There are also 11 smaller tenants in the center.

Two interesting features of the design are the brick arcade which interconnects the two major tenants at each end of the center, and the free standing clock tower.

The roof framing is steel bar joist, resting on a cantilever design steel frame, on spread footings. The masonry walls are non-bearing. Heating and air conditioning is by packaged roof-top units, and the fuel used is bottled gas.

Kettler Brothers, Inc., the general contractor, handled foundations, carpentry and installation of hardware.

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ARCHITECTS

LAKE RIDGE SHOPPING CENTER



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ENGINEERS

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STRUCTURAL ENGINEERS

KETTLER BROTHERS, INC.
GENERAL CONTRACTORS

J. ALEXANDER
PHOTOGRAPHY

Subcontractors & Suppliers

Maryland firms were: R. D. Bean, Rockville, roofing; Standard Art Marble & Tile Co., Landover, ceramic tile & terrazzo; Triangle Pacific Beltsville Corp., Beltsville, millwork; W & W Fabricators, La Plata, handrails; The Jack Stone Co., Inc., Landover, clock & clock tower; American Iron Works, Inc., Bladensburg, garage doors; Accessories Specialties, Rockville, toilet accessories; Handling Equipment Sales, Inc., Landover, dock bumpers; Wall Products Co., Bladensburg, Marlite material; Brocker Mfg. Co., Baltimore, steel reinforcing; Greenwald Industrial Products Co., Hyattsville, wire mesh & exp. joint; and, Iberia Construction Co., Inc., Hyattsville, concrete curb & gutter.

Klon-O-Row, Inc., Washington, D. C., toilet partitions.

Virginia firms were: Virginia Concrete Co., Inc., Springfield, concrete; Ridge Development Corp., Lake Ridge, excavating; United Masonry, Inc., Alexandria, masonry contractor; Cushwa Brick & Building Supply Co., Arlington, supplied brick; Washington Concrete Products, Div. of Gen'l Industries, Arlington, supplied block; Southern Iron Works, Inc., Springfield, steel & steel roof deck; Associated Glass Co., Inc., Fairfax, window walls & glazing; W & R Decorators, Clifton, painting & waterproofing; Wilcox Caulking Corp., Lorton, weatherstripping; and, Davenport Insulation, Inc., Springfield, insulation.

Also, Acoustical Ceilings, Inc., Merrifield, acoustical; Potomac Wallboard Co., Inc., Arlington, plaster; Marty's Floor Covering, Alexandria, resilient tile; W. L. Frazier, Fairfax, steel doors & bucks; Coastal Electric Corp., Fairfax, electrical work; Ho-War Plumbing Corp., McLean, plumbing fixtures & plumbing; Air Comfort of Maryland, Inc., Springfield, air conditioning, heating & ventilating; Fries, Beall & Sharp Co., Springfield, hardware supplier; Sam Finley, Inc., Occoquan, paving; E. G. Sower, Fairfax, cement finishing; Special Industries, Alexandria, asbestos board; and, United Sprinkler Co., Inc., Newington, sprinkler system.



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LOCATED in the rapidly expanding financial district around Main Street in downtown Richmond, this building has been remodeled by the owners for their law offices.

The remodeling was not superficial, but involved the construction of an entirely new front, new heating and air conditioning system, new plumbing system and fixtures, new electrical system and fixtures, new fire stairway, new partitions, carpeting and a suspended acoustical ceiling.

Construction cost for this extensive remodeling, which has resulted in a substantially new building, was approximately \$15.00 per square foot. This is about $\frac{1}{3}$ of what a similar new building would have cost to construct on this downtown site.

JaBar Construction Co. of Richmond was general contractor.

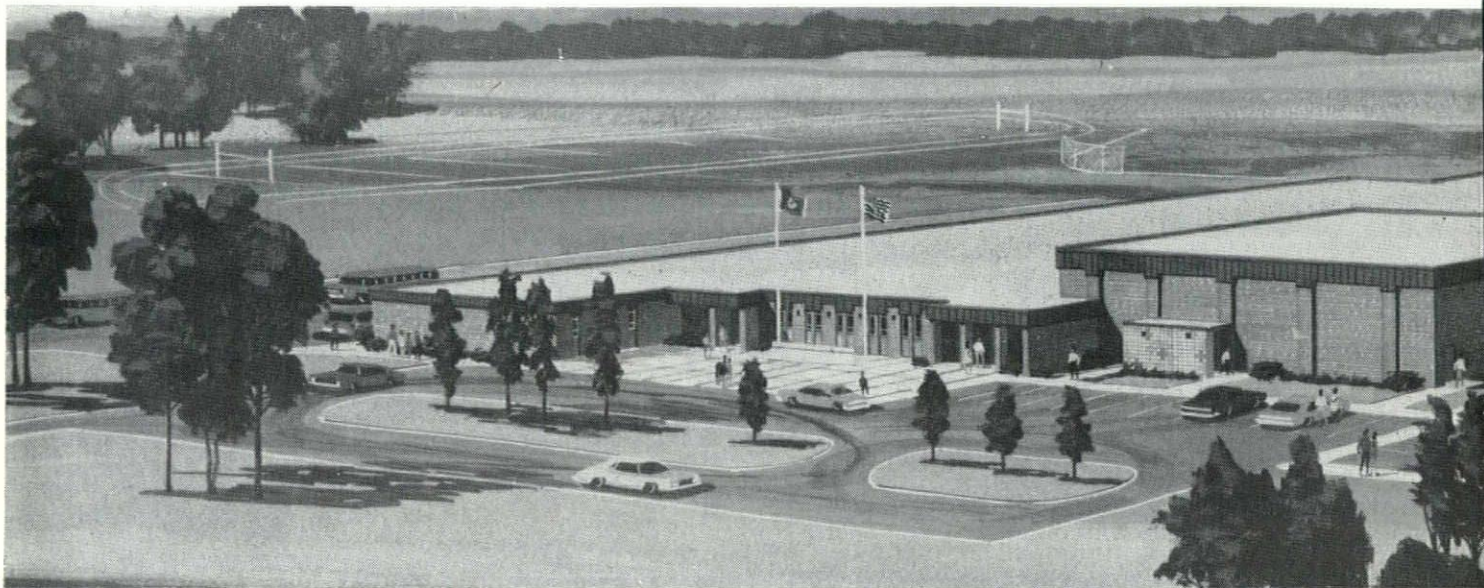
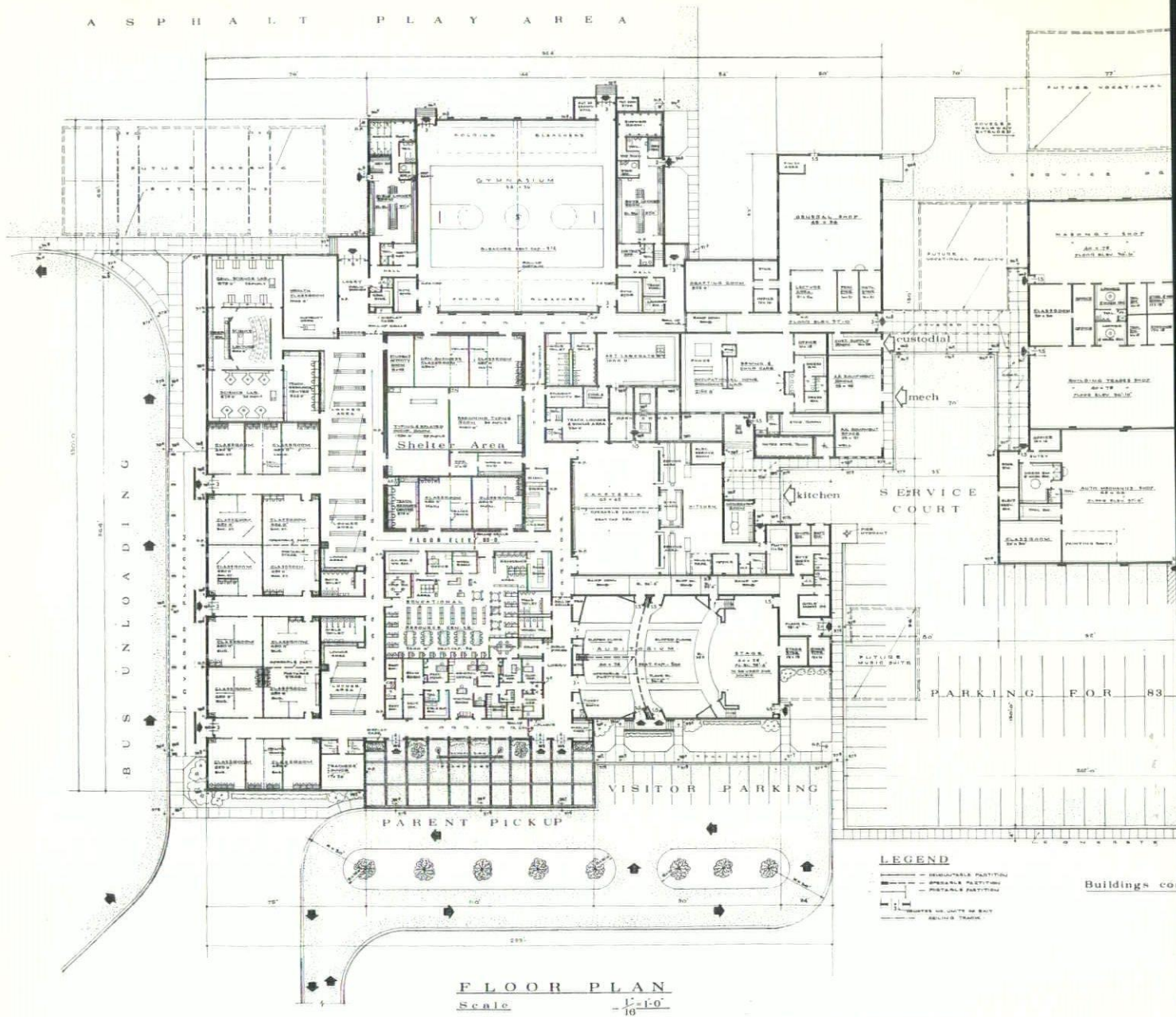
Subcontractors & Suppliers
(Richmond firms unless noted)

Capital Masonry Corp., masonry;

Hanover Iron and Steel, Inc., Ashland, miscellaneous metals; Miller Mfg. Co., millwork; Wilton & Denton, Inc., dry-wall; W. H. Stovall & Co., Inc., precast panels & windows; Consolidated Tile Co., Inc., acoustical ceiling; W. W.

Nash & Sons, Inc., painting & wall covering; Triangle Plumbing & Heating, Inc., plumbing; J. E. Holland Heating & Air Conditioning Co., heating & air conditioning; and, Hill Electrical Inc., Mechanicsville, electrical.





FOSTER AND SAUL. ARCHITECTS

SURRY COUNTY HIGH SCHOOL

WAGNER AND JONES, CONSULTING ENGINEERS, MECHANICAL/ELECTRICAL
FOSTER AND SAUL, INTERIOR DESIGN
SILAS S. KEA & SONS, GENERAL CONTRACTOR

THE NEW Surry County High School, a soon to be completed facility, is designed to serve the growing needs of the county high school population. It has a potential capacity of 600 and will provide, for the first time, offerings in specialized vocational skills.

The facility consists of the main climate-controlled building which houses the academic wing, library, administration, gymnasium, auditorium, lunch room and kitchen and general shop. A detached but connected building houses the technical center with three main shops for auto mechanics, masonry and building trades. Future extension of this unit will provide additional vocational offerings as the need arises. Vocational offerings in occupational home economics and business education are housed in the main building.

The Academic Wing of the main building has classrooms with demountable partitions thus allowing for considerable flexibility for rearrangement or modifications as program changes might dictate. Demountable partitions have also been provided in the administration suite to allow rearrangement

or reappportioning of these areas.

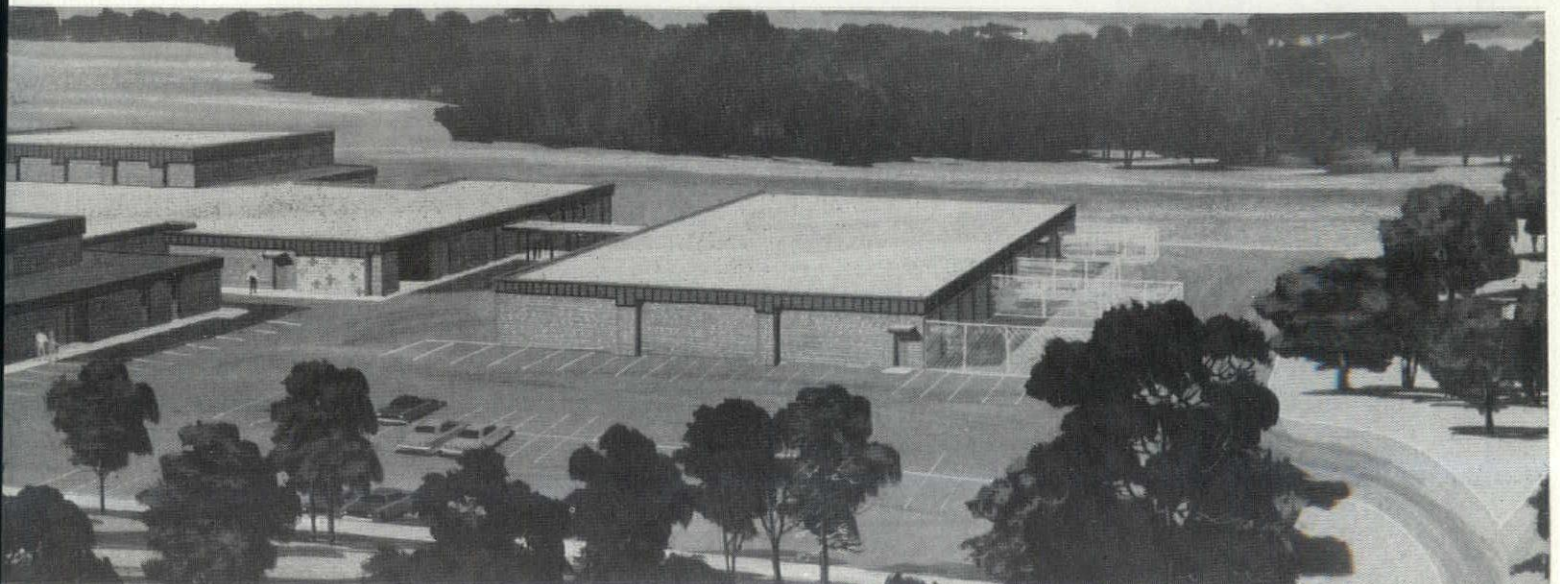
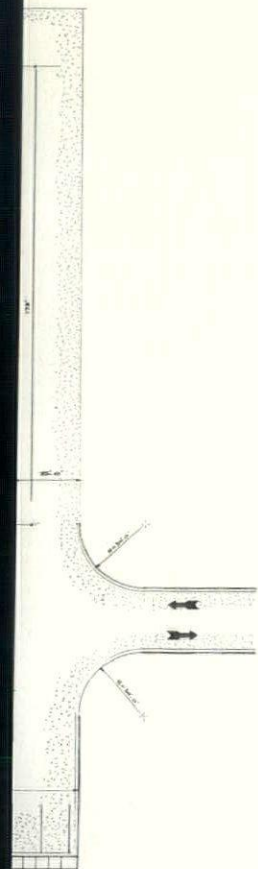
Site improvements including parking facilities for 81 cars for faculty and staff members in addition to additional visitor parking.

On the left side of the main building is a large covered bus unloading platform and an adjacent bus parking area which can be used for night activities. To the rear are asphalt play areas that will encourage a various range of athletic activities, including supervised summer programs.

Also on the site are graded areas illuminated by 1000 watt metal halid fixtures where facilities for a full program of outdoor interscholastic athletic events can be developed.

The building is cooled by chilled water, to unit ventilators and air handling units, provided by two dual compressor packaged water chillers. Heating is provided by electric coils in the air conditioning units, supplemented by electric wall radiation and unit heaters in non-air conditioned spaces.

The 277/480 volt electrical distribution system supplies power for heating, cooling, lighting, cooking and other large loads. Dry type transformers step



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the voltage down to 120/208 for convenience outlets, incandescent lighting, etc. High levels of illumination are provided throughout the building by fluorescent troffers of high efficiency and low brightness.

Water conserving methods used are self-closing metering faucets for cold water to lavatories in public toilet rooms and flow restricting devices for hot and cold water to lavatories in restricted use toilet rooms. All shower heads in the girls' and boys' shower rooms have flow restricting devices to regulate the flow to a maximum 3 gallons per minute.

Large volume water heating for kitchen and shower rooms is accomplished using electrode type water heaters. These heaters are fully modulating and the current draw is proportional to the quantity of hot water used.

The sewage disposal facilities were designed for a Hydraulic capacity of 18,000 gallons per day which will take care of the future development of this school and a future elementary school. It consists of a septic tank followed by dual surface rotary sand filters, aeration tank, chlorine contact tank and final effluent pumping station.

Silas S. Kea & Sons Co., of Ivor, was general contractor and handled foundations, concrete, masonry work, structural wood, carpentry and insulation.

Subcontractors & Suppliers
(Richmond firms unless noted)

Art-Ray Corp., Suffolk, excavating; Earnest Brothers, Inc., masonry suppliers; Liphart Steel Co., Inc., steel, steel roof deck, weatherstripping, steel grating & handrails; Economy Cast Stone Co., precast concrete & stone work; J. B. Eurell Co. of Va., concrete roof deck; Fowler Roofing Co., Inc. T/A Forrest Const. Co., Norfolk, roofing; and, W. H. Stovall & Co., Inc., windows & glazing.

Others were: E. Caligari & Son, Inc., Norfolk, painting & waterproofing; Modern School Equipment, Inc., chalk & tackboards; Miller Manufacturing Co., paneling & millwork; O'Ferrall, Inc., acoustical & resilient tile; F. Richard Wilton, Jr., Inc., plaster; Stonnell-Satterwhite, Inc., ceramic tile, terrazzo & marble; and, R. L. Dresser, Inc., Raleigh, N. C., wood flooring.

Also, J. S. Archer Co., Inc., steel doors & bucks; Westinghouse Electric Supply Co., Norfolk, lighting fixtures; R. L. Thompson, Inc., Smithfield, electrical work; Kohler of Kohler, Kohler, Wis., plumbing fixtures; Harris Heating & Plumbing Co., Inc., plumbing, air conditioning, heating & ventilating; Pleasants Hardware, hardware; Short Paving Co., Inc., Petersburg, paving; Virginia Metal Products Div., Gray Mfg. Co., Orange, demountable partitions; and, Miller & Rhoads, Inc., carpet.

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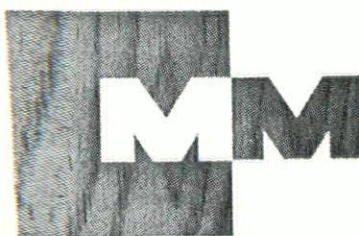
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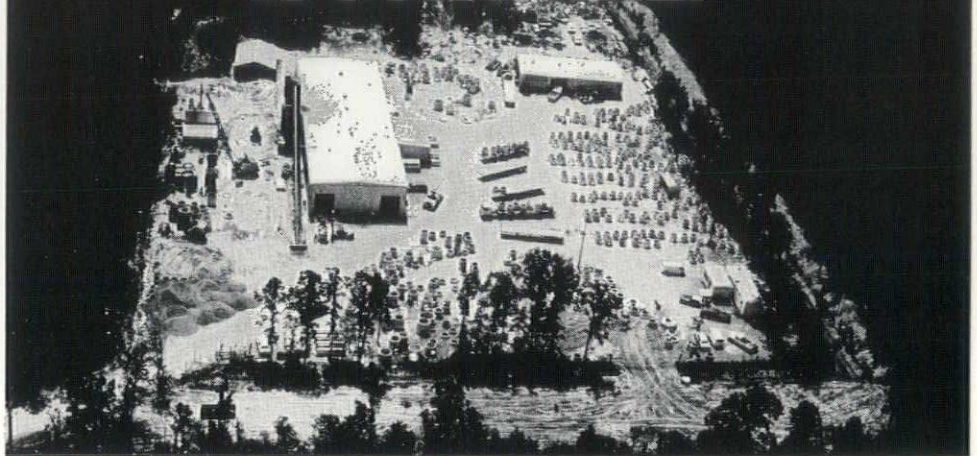
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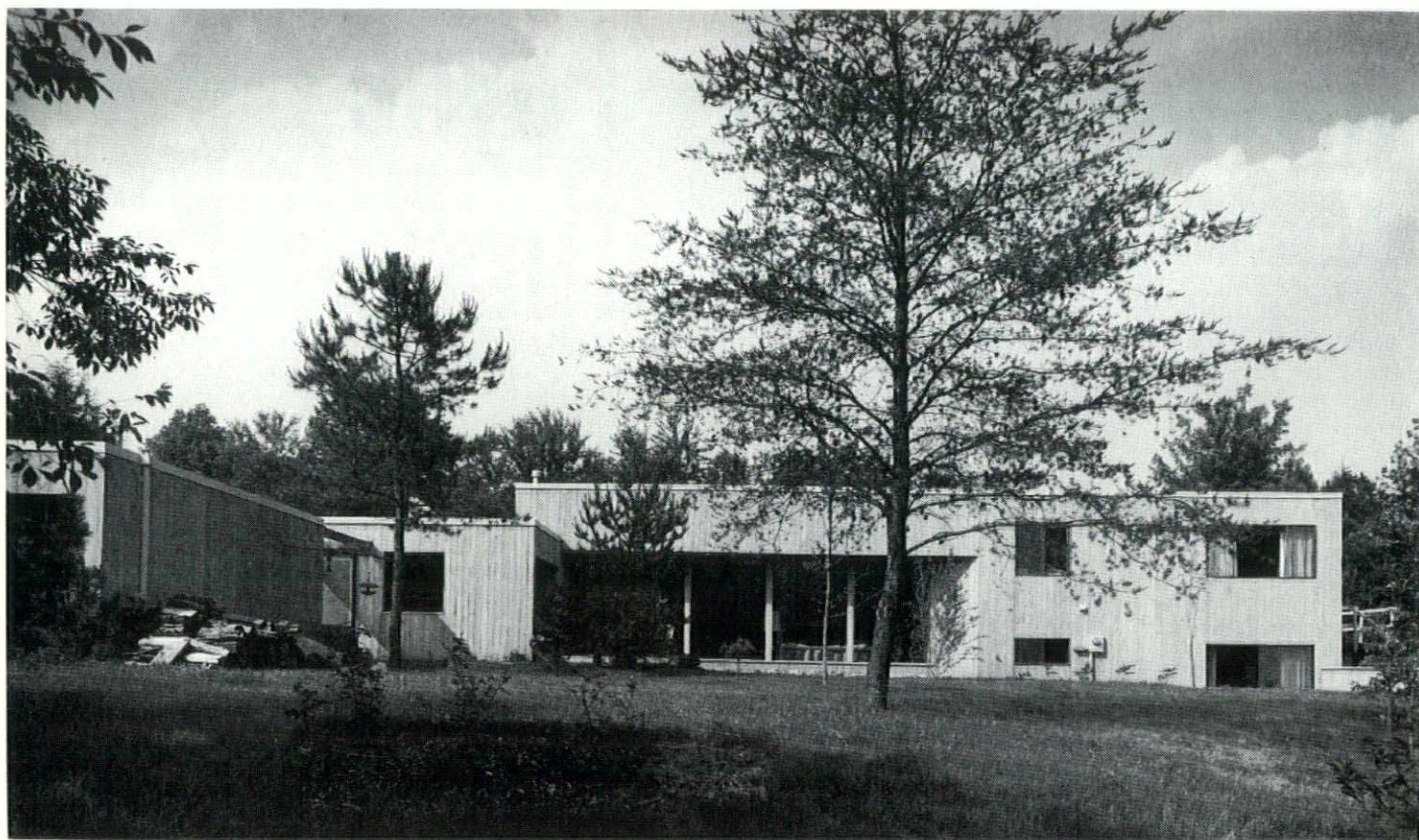
JAMES S. TULEY, AIA, ARCHITECT

WADLINGTON RESIDENCE

D. L. HALE, JR.
GENERAL CONTRACTOR

JOSHUA FREIWALD
AND
G. HAMILTON KLOW
PHOTOGRAPHY

THE residence for Mr. & Mrs. Walter Wadlington and their four children was constructed on a generous city lot, 174' x 220', in Charlottesville during the summer and fall of 1972. In that there were no significant outlooks from the property the premise of the site solution was that the house capitalize on the view and activity potential within the confines of the lot itself. The



result was a long house sited tightly to one side of the property and presenting only the narrow entrance facade and garage structure to the street—reserving the primary facade for an expansive side yard.

The planning solution of the house then became the resolution of the Wadlingtons' desire to create very definitive living zones for the adults and children, with the living/dining space as the common activity area between. Three dimensionally this translated into a one-story adult zone at the front and a two-story children's zone at the rear, linked together by a one-and-a-half story living/dining zone. The living/dining area thereby became the heart of the house—an open and lofty space with a full glass wall orienting to the side yard on one side and the primary circulation gallery on the other side. Though one space, in its development its various parts were articulated. The living area was depressed and separated from the dining by a book storage rail, and the gallery side defined by a lower ceiling. Clerestory glazing was also introduced above and at the end of the gallery.

The house is constructed of standard platform framing with the bleached rough-sawn Southern Pine siding at the exterior, and drywall with Redwood trim at the interior. The fireplace is of fieldstone, the floors of dark stained

to tell the Virginia Story



Oak. It contains approximately 3700 square feet of space exclusive of the garage.

D. L. Hale, Jr. of Crozet was general contractor and handled stone work.

Subcontractors & Suppliers (Charlottesville firms unless noted)

Virgil Humphreys, Crozet, excavating; Barnes Lumber Corp., foundations & special lumber, E. M. Martin, Inc., roofing; Charlottesville Glass & Mirror Corp., windows & glazing; Better Living, Inc., structural wood; Safe-Way Electric, Inc., electrical work; and, Bryan & Beck, Inc., plumbing (American Standard fixtures), Fedders air conditioning & heating.

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WHEN the State Corporation Commission authorized Virginia National Bank to expand their operations onto the Virginia Peninsula, the decision was made to open the first Branch Office in Newport News. With the emphasis on serving the midtown residential neighborhoods, as well as nearby commercial interests, a free-standing location in the Newport Square Shopping Center was chosen. This new, active center on J. Clyde Morris Boulevard near Interstate 64 provides good visibility and excellent traffic. The program also included the requirement to provide headquarters for VNB Mortgage Corp. The space requirements thus generated made it necessary to design a two-story building in order to fully utilize the potential of a small but desirable site.



The first floor of the building houses the operation of the bank and provides complete customer services. Facilities include six teller stations and a drive-in windows with two remote drive-in stations served by pneumatic tube. A poured-in-place reinforced concrete vault with two adjacent coupon booths serves both customer and bank security needs. The officer's platform, opposite the teller line, provides space for three executives. The manager's office, with full visibility of the banking floor, affords excellent control of the public operations. Lounges for employees and additional storage for the bank are

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located on the second floor which also houses offices for VNB Mortgage Corp.

The offices of VNB Mortgage Corp. occupy approximately two-thirds of the second floor and consist of work space for six people in a secretarial pool, two private offices, the manager's office and a conference room. A reception area with a full glass wall opens onto the balcony overlooking the two-story lobby. This lobby provides common access for both occupants and creates an impressive but restrained entrance. A decorative chandelier provides a focal point and emphasizes the height of the lobby.

The exterior of the building is finished in a soft buff colored brick, with

a harmonizing cast stone fascia and coping which forms a distinct cap to the simple elevations. Black anodized aluminum framed solar gray glass in the major window walls offers a crisp contrast to the light brick.

The structural system of the building consists of masonry bearing walls with steel bar joists framing the second floor and the roof. Year-round air conditioning is provided by separate all-electric systems with individual air cooled condensers for the first and second floors.

The design of this building is echoed in another branch office recently opened to serve the north end of the Peninsula and will be covered in an article in a future edition of the Virginia Record—Architect's Section.

Hudgins Construction Co., Inc. of Newport News was general contractor and handled excavating, foundations, concrete and carpentry.

Subcontractors & Suppliers

From Newport News were: Deuell Decorating Co., Inc., painting & waterproofing; G & G Tile Co., Inc., ceramic tile & terrazzo; Wright Electric, Inc., electrical work; and, E. W. Muller Contractor, Inc., paving.

Norfolk firms were: Eastern Roofing Corp., roofing & insulation; Ferrell Linoleum & Tile Co., Inc., acoustical; Elliot & Co., Inc., millwork; Door Engineering Corp., steel doors & bucks and hardware; and, Celotex Corp., lighting fixtures.

Hampton firms were: Buckroe Masonry Co., masonry contractor; Jones & Ball, Inc., masonry supplier; Tide-water Glass & Mirror, Inc., window walls, glazing & weatherstripping; Southeastern Tile & Rug Co., Inc., resilient tile; Peebles Supply Corp., plumbing fixtures; and, Newsome Air Conditioning Co., plumbing, air conditioning, heating & ventilating.

Others were: Barnum-Bruns Iron Works, Inc., Chesapeake, steel & steel roof deck; Marsteller Corp., Roanoke, stone work; Julius Blum Co., New York, N. Y., handrails; and, Diebold, Inc., Richmond, banking equipment, vault door, drive-in system.

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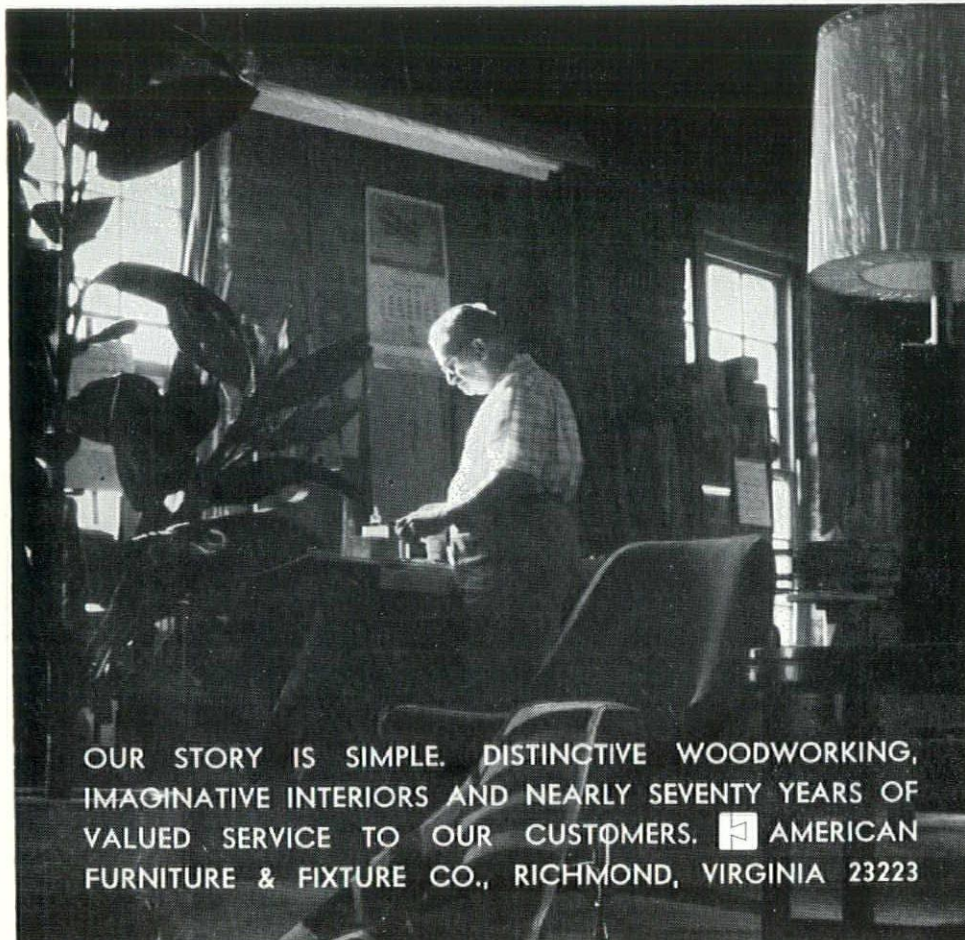
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LAPRADE BROS., CONSULTING ENGINEERS, CIVIL

BASS CONSTRUCTION CO., INC., GENERAL CONTRACTORS

The facility is on the fringe of a rapidly expanding shopping area in eastern Henrico County. Earth-red handmade bricks, brown tones of washed gravel set in beige epoxy matrix for fascia and soffit panels and bronze aluminum entrance frames were selected.

Bass Construction Co., Inc. of Richmond was general contractor.

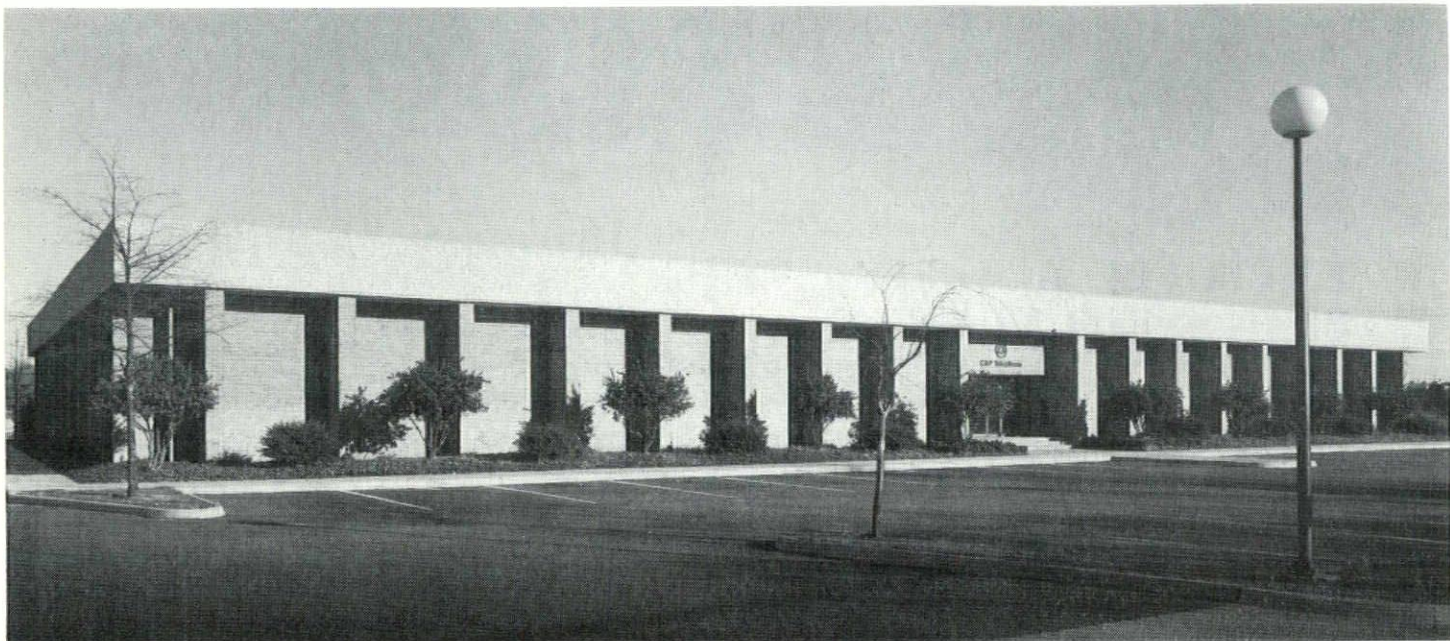
Subcontractors & Suppliers
(Richmond firms unless noted)

E. G. Bowles Co., earthwork & paving; Bowker & Roden, Inc., reinforcing

steel; Lone Star Industries, Inc., concrete; Garrett Bros., masonry; Cruickshanks Iron Works Co., structural steel; Whitley Roofing Co., roofing; W. H. Stovall & Co., Inc., aggregate panels; SDG, Incorporated, aluminum entrance & glass; and, E. S. Chappell & Son, Inc., sealant.

Also, J. S. Archer Co., Inc., steel doors & frames; F. Richard Wilton, Jr., Inc., partitions, drywall, acoustical ceiling & resilient flooring; H. Beckstoffer's Sons, Inc., millwork; General Tile & Marble Co., Inc., ceramic tile; Waco Insulation, Inc., foam insulation; Roanoke Engineering Sales Co., Inc., toilet partitions; The Dages Co., movable partitions; Pleasants Hardware, finish hardware; Lane Bros., Inc., painting & wall covering; Catlett-Johnson Corp., plumbing, heating & air conditioning; Schermerhorn Electric Co., Inc., electrical; Stamie E. Lyttle Co., Inc., septic system; and, Atlantic Pump and Equipment Co., Inc., well.

THIS telephone facility houses information operators for the central Virginia area. Requirements were for a windowless building providing security and pleasant working conditions during the 24-hour, seven-day-a-week schedule.



HENRICO VOLUNTEER RESCUE SQUAD

ALVIN W. DUNBAR, CONSULTING ENGINEER, STRUCTURAL

EMMETT L. SIMMONS ASSOCIATES, INC.
CONSULTING ENGINEERS, MECHANICAL/ELECTRICAL

LAPRADE BROS., CONSULTING ENGINEERS, CIVIL

FRANK B. McALLISTER, INC., GENERAL CONTRACTOR

THIS two-story building, located in eastern Henrico County near Byrd International Airport, houses all of the organizational and support facilities for the Henrico Volunteer Rescue Squad.

On the first floor is a five-bay garage with space for ten rescue vehicles, dispatcher's position overlooking the garage, bunk room, kitchen, first aid room, lounge and recreation rooms. Meeting rooms, training rooms and group kitchen facilities are on the second floor.

Colonial gray brick, precast concrete lintels and matte-black steel window frames are the exterior building materials. The brick walls are load bearing with prestressed concrete double tee panels used for the second floor and roof construction.

Frank B. McAllister, Inc. of Richmond was general contractor.

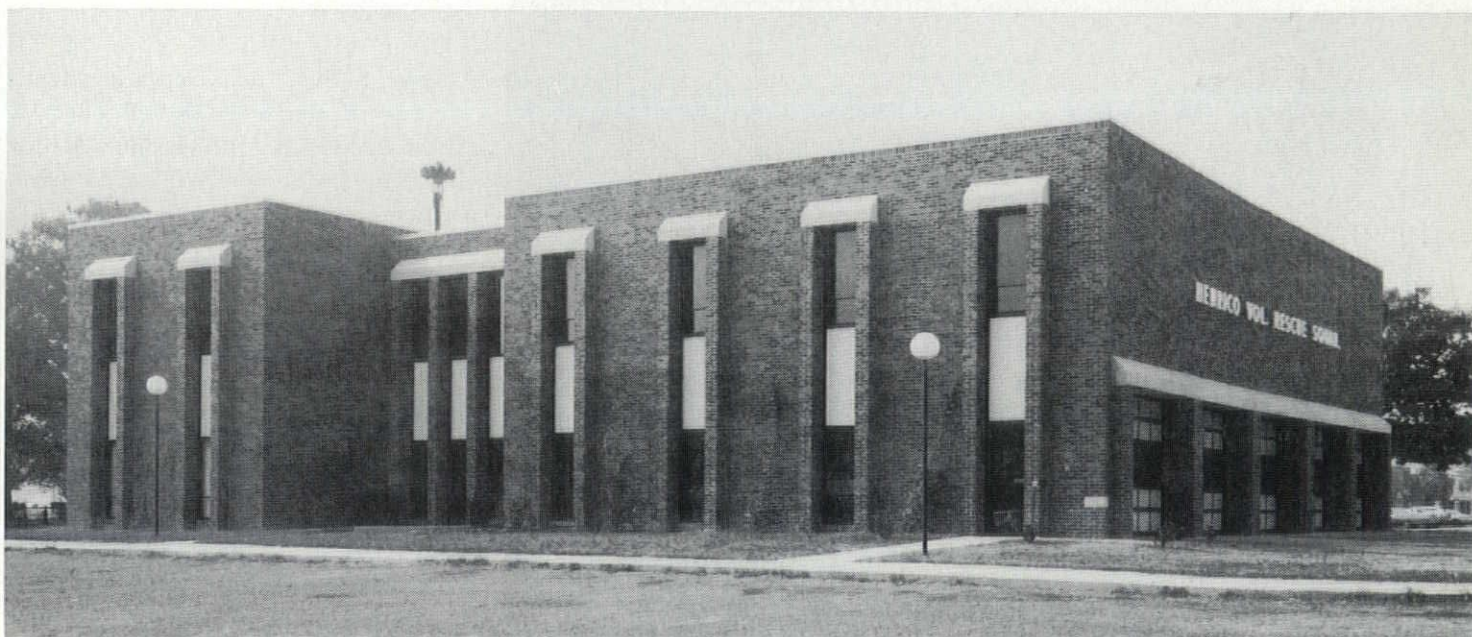
Subcontractors & Suppliers
(Richmond firms unless noted)

Nelson Harless, Powhatan, earth-

work; Lone Star Industries, Inc., concrete; Lee Roy Boschen Masonry, Inc., Ashland, masonry; Concrete Structures, Inc., prestressed concrete; Hanover Steel & Iron, Inc., Ashland, miscellaneous steel; Joe M. De Shazo Roofing Co., roofing; Roanoke Engineering Sales Co., Inc., steel doors & frames; W. H. Stovall & Co., Inc., steel windows.

Also, SDG, Incorporated, aluminum entrance & glass; E. S. Chappell & Son, Inc., sealants and caulking; Miller Mfg. Co., millwork; Joe Prezioso, dry-wall & plaster; Richmond Tile & Mar-

ble, ceramic tile; W. Morton Northern Co., acoustical ceiling & resilient flooring; Garbers, Inc. T/A Overhead Door Co. of Richmond, overhead doors; Pleasants Hardware, finish hardware; Bradley Mechanical Co., Chesterfield, plumbing, heating & air conditioning; and, Hogan Electric Co., electrical.



TWO PROJECTS BY ARANYI, MURRELL AND ASSOCIATES, ARCHITECTS

WILLIAMS VILLAGE

LANGLEY, McDONALD & OVERMAN
CONSULTANTS, SITE & UTILITIES

EDWARD G. CARSON & ASSOCIATES
LANDSCAPING

CHANDLER & GIBSON
CONSULTING ENGINEERS, MECHANICAL/ELECTRICAL

INTERIOR DESIGN BY THE ARCHITECT

SPRING CONSTRUCTION CO., INC.
GENERAL CONTRACTOR

WHAT impresses one about the Williams Village apartment complex is the grouping of the forty-eight Garden and forty-two Townhouse units in semi-circular clusters, providing an interesting variation of apartment-style living with an eye-appealing approach to practicality.

Several of these buildings have a view of a lake and wooded area which has been landscaped for safety with an unobtrusive looking fence.

Each of the town houses is a three-bedroom unit with an "A" type room with a net area of 918 square feet.

The twenty-four one bedroom garden type apartments and twenty-four two-bedroom garden type apartments have a net area of 798 and 918 square feet

respectively. These are located in two-story buildings, with flat roofs.

The town houses of Williams Village are composed of brick on the lower level and of grooved plywood siding with wood trim on the second. The wood trim has varying shades of grey, beige and brown.

The garden apartments have an open central stairhall (breezeway) with brick veneer facing for easy maintenance.

The exterior finish of the buildings is composed of brick on the first floor and Mansard type roofing on the second floor.

There are three centrally located play areas with basketball court, swings, teetherball, riding animals and benches.

Williams Village contains an ample

size and centrally located building, housing laundry and storage facilities, a meeting room and a rental office.

Each apartment has electrically controlled central air conditioning, along with range, refrigerator, water heater and range hood.

The locale of Williams Village coupled with the architectural projection by Aranyi, Murrell & Associates, answered well the guidelines of the Department of Housing and Urban Development, Section 236 program without compromising aesthetic qualities. The proximity of the project to the many highways and shopping centers gives the "suburbanite" the sense of "getting away from it all" without the loss of conveniences.

Spring Construction Co., Inc., Chesapeake, was general contractor.

Subcontractors & Suppliers

Chesapeake firms were: Sprinkle Masonry, Inc., masonry contractor; M. W. Roberts Steel Co., steel pan stairs; and, Brooks Electric Co., electrical work, air conditioning, heating & ventilating.

From Virginia Beach were: M. M. Gunter & Son, Inc., excavating, foundations & concrete; Fett Roofing & Sheet Metal Co., Inc., roofing; Redco Industries, windows; William O'Brien, carpentry; Ayers Insulating & Supply Co., Inc., insulation; and, Contractors Paving Co., Inc., paving.

Norfolk firms were: Jayen Tile Corp., ceramic tile & resilient tile; W. D. Sams & Son, Inc., plumbing; and, Seaboard Paint & Supply Co., Inc., hardware.

Others were: IXL Furniture Co., Elizabeth City, N. C., kitchen cabinets; Thomas Industries, Inc., Louisville, Ky., lighting fixtures; and, Peerless Pottery, Inc., Evansville, Ind., plumbing fixtures.



MECKLENBURG MANOR

QUIBLE ASSOCIATES
CONSULTANTS, SITE AND UTILITIES

EDWARD G. CARSON & ASSOCIATES
LANDSCAPING

CHANDLER & GIBSON
CONSULTING ENGINEERS, MECHANICAL

INTERIOR DESIGN BY THE ARCHITECT

HUGHES & DALTON CONSTRUCTION CO.
GENERAL CONTRACTOR

THE rolling terrain of South Hill, Virginia, presented an interesting locale for a government subsidized housing complex completed in March of 1974 by Aranyi, Murrell & Associates, Architects.

Composed of pre-finished aluminum siding, alternating shades of dark grey and dark blue, with white wood trim, the Mecklenburg Manor apartments do not have the commonplace appearance of public housing.

Residents of South Hill, were offered workable apartment layouts, and an unusually low density, even with the strict limitations of size imposed under Federal regulations for Section 236 program. In this 5.2 acreage, there are only ten apartments per acre which gives the occupying family the feeling of added privacy yet maintains the comfortable features of a community. This is a first project of this calibre for the residents of South Hill and its outlying areas. There is ample land reserved for a similar size second phase project.

Located on East Ferrell Street in South Hill, Mecklenburg Manor has seven garden-type apartment buildings, with a total of fifty-one units. (8 1-bedroom, 18 2-bedroom, and 15 3-bedroom apartments.) There is a centrally located building that houses the rental office, storage and laundry facilities. Total area under roof is 40,000 square feet.

Each apartment has electric, central air conditioning, gas heat, gas water heater and gas cooking equipment.

The bathrooms feature fiberglass bathtub to eliminate maintenance problems. All floors are covered with off-white color vinyl asbestos tile. Paint colors were kept in neutral shades as well, to blend in with any kind of decor. The light colors also tend to enlarge

the visual size of the apartments.

There is one central stairhall per four units and each garden apartment is of two-story composition with flat roof. The stair halls are left open and are lined with brick for easy upkeep.

The ample asphalt covered play areas contain a basketball court, swings, riding animals, slides and benches. The landscaping boasts the crape myrtle tree and the pine, and shrubs such as holly, azalea and juniper variety.

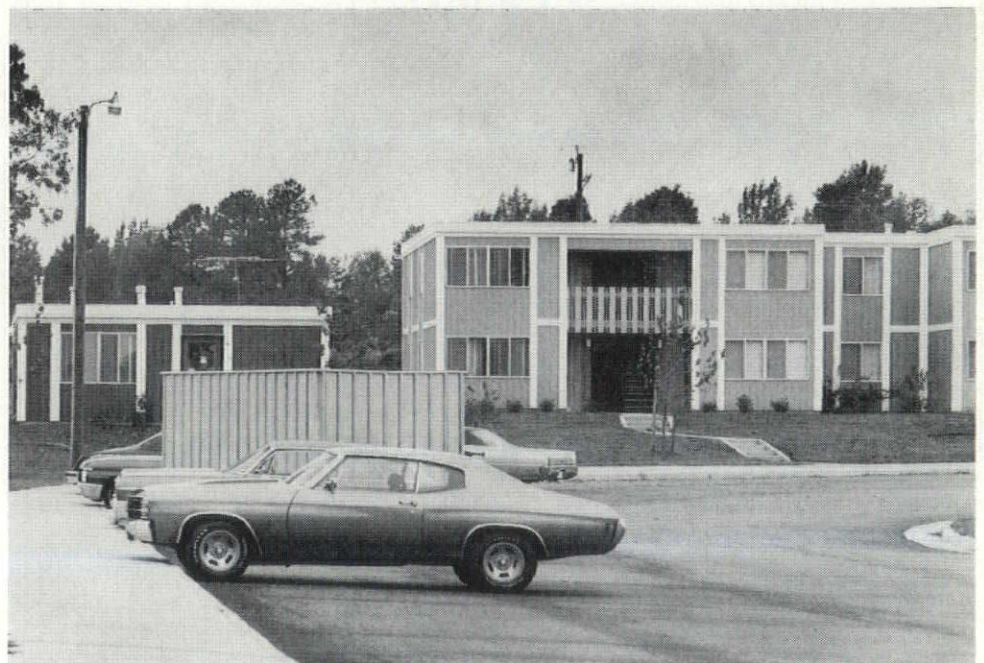
Hughes & Dalton Construction Co. of Danville was general contractor.

Subcontractors & Suppliers

Central Builders, Inc., Rocky Mount, N. C., site work; Solomon & Barker Construction Co., South Hill, site utili-

ties; Carolina Steel Corp., Greensboro, N. C., steel pan stairs; Clarksville Roofing & Sheet Metal, Clarksville, roofing, air conditioning, heating & ventilating; Binning's, Inc., Lexington, N. C., windows; and, Production Construction, Inc., Clarksville, carpentry.

Also, M & M Protective Coating, Norfolk, painting; Dan Valley Building Specialties, Danville, aluminum siding; Gupton Insulation Co., Clarksville, insulation; Karpel Kingdom, Norfolk, ceramic tile & resilient tile; IXL Furniture Co., Elizabeth City, N. C., kitchen cabinets; Lightcraft, Los Angeles, Cal., lighting fixtures; Gatewood Electrical Co., Danville, electrical work; and, Rhodes Plumbing Co., Henderson, N. C., plumbing.



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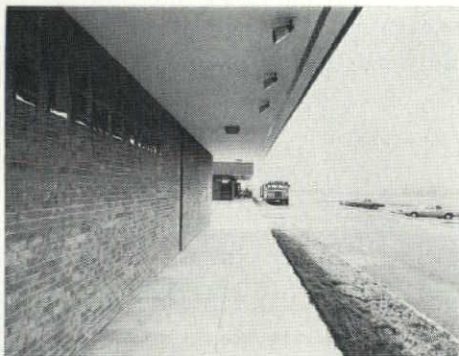
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BUCHANAN ELEMENTARY SCHOOL

GRAVES CONSTRUCTION COMPANY, INC.
GENERAL CONTRACTOR

OVER the past few years, a very energetic and innovative building program has been developing in Bote-tourt County. Each building was designed within an individualized program, as specified by the faculty and local communities.

A site well above and overlooking the James River in Buchanan is the



setting for this school. It was completed in August 1974, and is designed on one level as a brick veneered steel structure enclosing 35,000 square feet. As a primary school, it contains the grades kindergarten through third. A planned future expansion is to contain the grades four through six. These are presently being held in the existing Buchanan School.

The building contains the following four main areas:

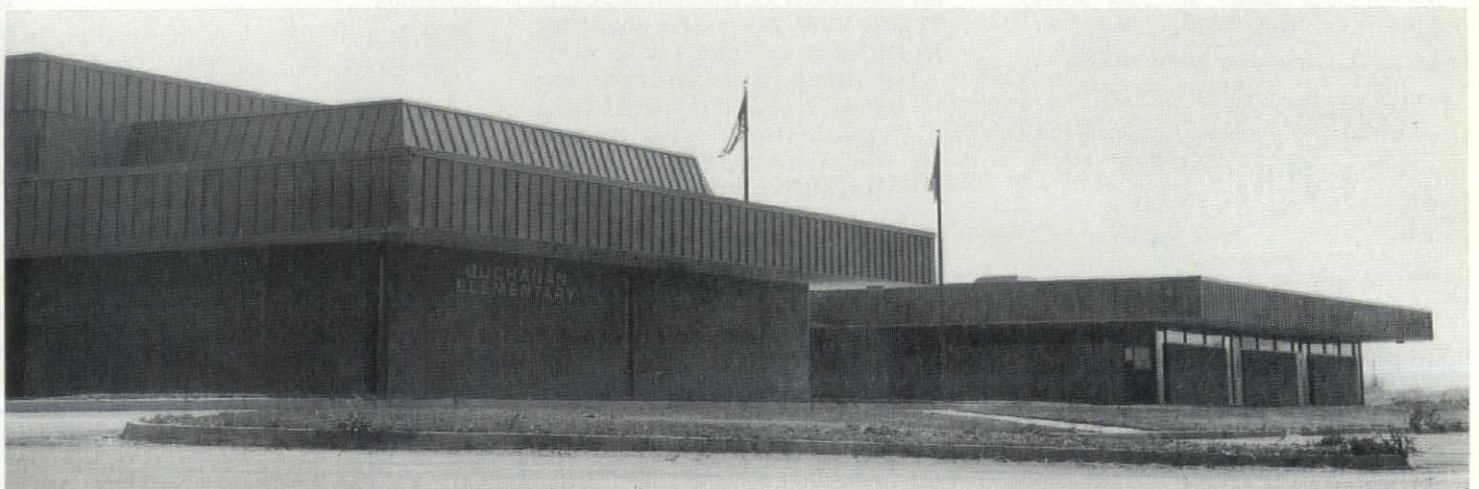
1. An enclosed Kindergarten area that contains four open classes with planning room, toilets and project areas in the center.
2. The main instructional space, which contains eleven open class areas, planning rooms and toilets—all of which surround three sides of the Instructional Materials Center. The remaining side of the Instructional Materials Center is to be removed for expansion when the other grades are added in the future.
3. The noisy areas are located at the opposite end of the building. They are the stage and music room, multi-purpose room, which serves

as play room assembly and cafeteria, and the kitchen.

4. The Administrative Area is in the center of the building. It contains the general office, work room, principal and assistant principal offices, faculty lounge, toilets, clinic and a general purpose or self contained classroom.

All areas are carpeted except the stage, multi-purpose room, kitchen and toilets.

The instructional areas are equipped with movable furniture that will pro-



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vide such functions as seating, screens, storage and work surfaces.

Brick, glass and aluminum fascias are used extensively on the exterior. The low roof is cantilevered to provide sun control, pedestrian weather protection and three-dimensional character.

The structural system consists of steel columns, beams and joist. The plant is all electric and totally air conditioned.

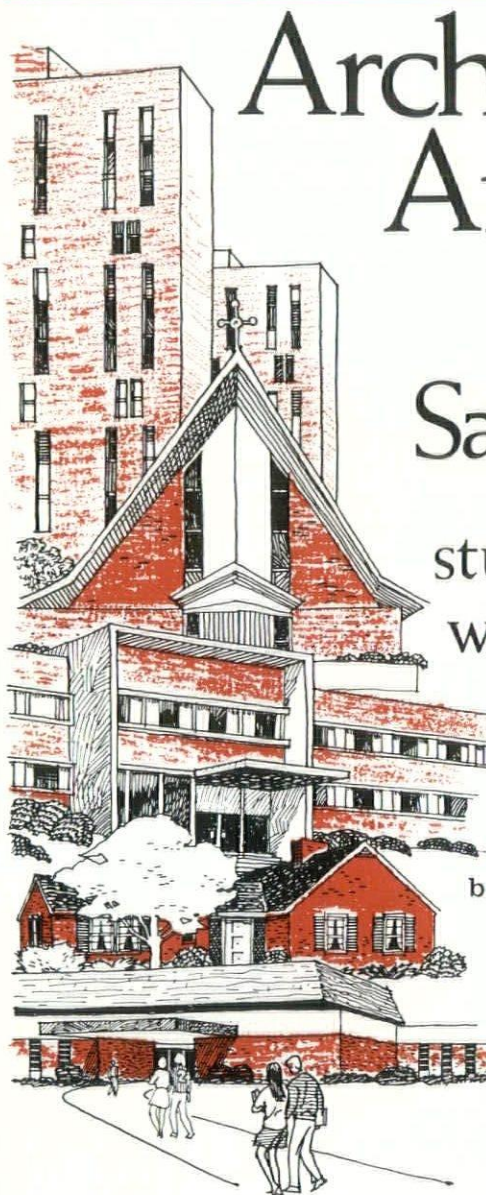
Graves Construction Co., Inc. of Blacksburg, was general contractor and handled foundations, masonry work and carpentry.

Subcontractors & Suppliers

(Roanoke firms unless noted)

Harry T. Bowling, Inc., Radford, excavating; Coffey's Ready Mix Co., Buchanan, concrete; Webster Brick Co., Inc., masonry supplier; Roanoke Iron & Bridge Works, Inc., steel; Tauscher Roof Deck Co., Inc., Bristol, Tenn., steel roof deck; Leonard Smith Sheet Metal & Roofing, Inc., Salem, roofing; PPG Industries, glazing; L. R. Brown, Sr., painting; Stout Door Co., special doors; Ralph O. Johnson Co., Charlotte, N. C., structural (glazed) tile; Schalow Manufacturing Co., Inc., Powhatan, chalk & tackboard; and, Eastern Sales & Equipment Service Corp., food service equipment.

Also, Lynchburg Steel & Specialty Co., Monroe, operable wall; Bell's Carpet Fashions, Salem, carpeting; Harman Ceiling & Partition Co., acoustical & resilient tile; A & H Contractors, Inc., plaster; Standard Tile Co., Inc., Verona, ceramic tile; Virginia School Equipment Co., Inc., Richmond, basketball backstops; J. H. Pence Co., miscellaneous equipment; John N. Yauger & Co., aluminum fascias; Valley Lumber Corp., millwork; Roanoke Engineering Sales, Inc., steel doors & bucks; General Electric Supply Co., lighting fixtures; Cross Electric Co., Inc., electrical work; Noland Co., plumbing fixtures; Herman Harlow, Buchanan, plumbing, air conditioning, heating & ventilating; Graves-Humphreys, Inc., hardware; and, Adams Construction Co., paving.



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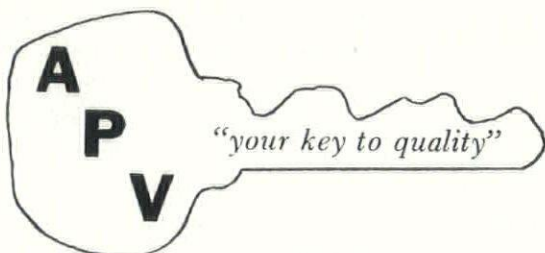
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E. E. PAINE, INC., CONSULTING ENGINEERS, CIVIL

MRS. E. E. PAINE, INTERIOR DECORATOR—MODEL

LYN CONSTRUCTION CORP., GENERAL CONTRACTOR

LAKE ONE TOWNHOUSES, Hampton, was conceived as a higher priced "Townhouse for Sale" project designed to appeal to a limited market with a product unlike any other currently available on the Peninsula.

The site, while conveniently situated near the intersection of Interstate 64 and Mercury Boulevard, is nicely isolated and quite rural in atmosphere. Fourteen of the total eighteen acres consist of a fresh water lake known locally as Lynnhaven Lake and the twenty-eight three-bedroom homes are arranged in fourteen duplex buildings lining the banks of the lake.

Generous sized rooms including an entrance foyer, powder room, kitchen, utility room, dining and living room, on the first floor, are arranged to provide gracious living with the maximum orientation to the view of the lake. A large patio with access from the living room is sheltered by a large sun deck which extends the space of the master

bedroom both visually and physically. In addition to the master bedroom, the second floor contains two large secondary bedrooms and two baths.

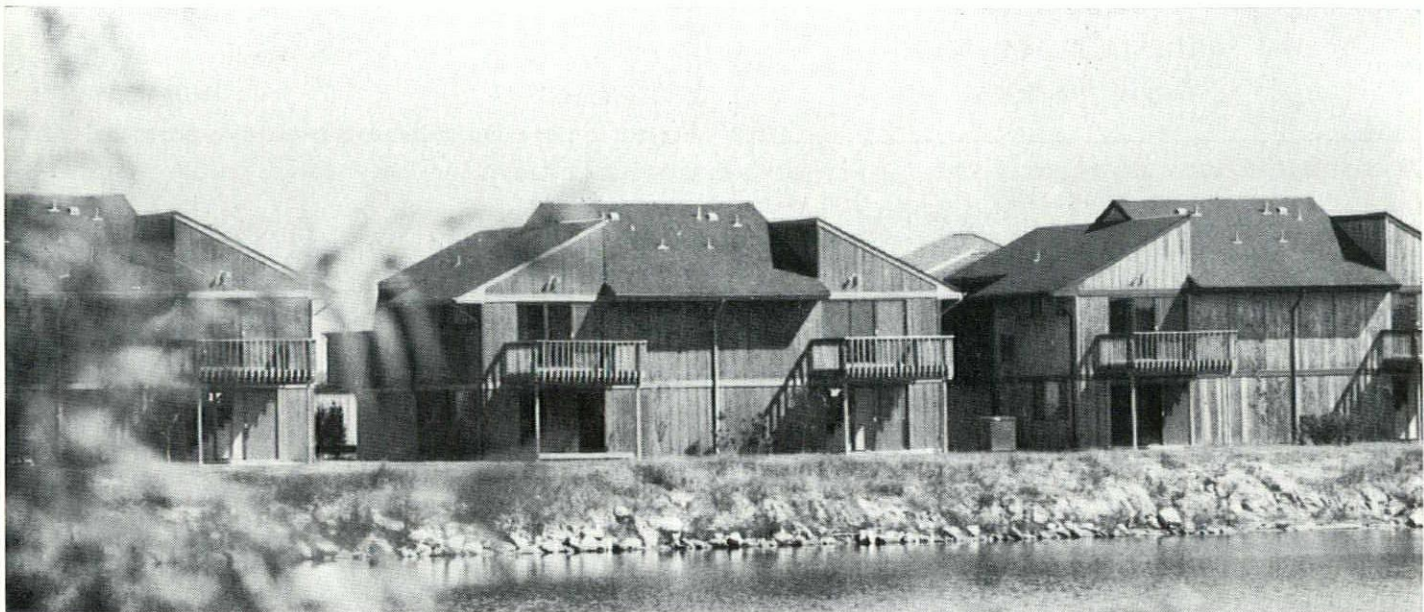
The units are individually heated and cooled by an all-electric ducted system and the kitchens are fully equipped including range, refrigerator, dishwasher, trash compactor and garbage disposer.

Exterior materials including natural stained plywood siding, brick and anodized aluminum were selected to reduce maintenance to a minimum. A Home Owners Association will provide maintenance for landscaping and the commonly owned open spaces.

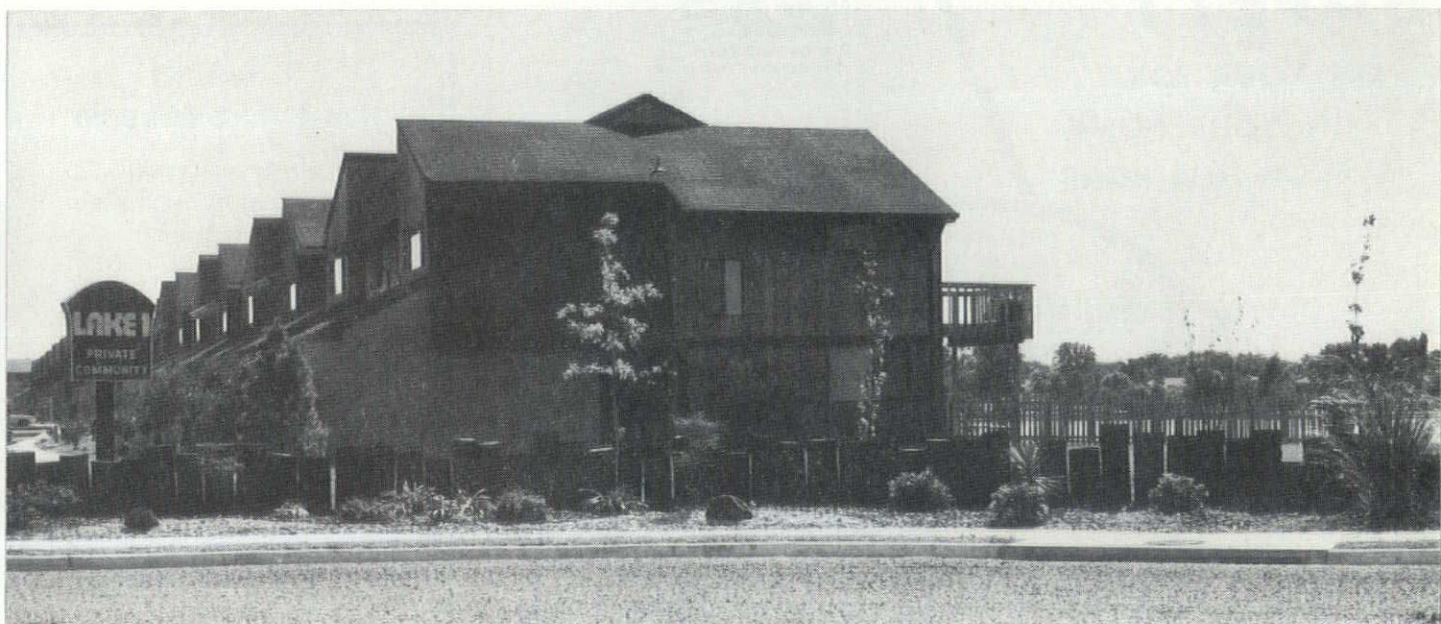
Lyn Construction Corp. of Virginia Beach was general contractor and handled excavating and piling.

Subcontractors & Suppliers

Benson-Phillips Co., Inc., Newport News, concrete; J. E. Stephenson Masonry Co., Norfolk, masonry contractor; Concrete Pipe Products, Chesapeake, masonry supplier; Newport Roofing Corp., Yorktown, roofing; Capitol Products Corp., Mechanicsburg, Pa., windows; Chevelle Enterprises, Ltd., Virginia Beach, carpentry; and, McLaughlin Painting Co., Virginia Beach, painting.



Also, Colonial Insulation, Inc., Norfolk, insulation; Fowler Tile Co., Chesapeake, resilient tile; General Products Co., Inc., Fredericksburg, steel doors & bucks; Boise Cascade Building Materials and Services, Newport News, handrails; W. H. Lassiter Sales Co., Inc., Charlotte, N. C., lighting fixtures; Mallory Electric Co., Newport News, electrical work; J. P. Blythe, Inc., Hampton, plumbing (American Standard fixtures), air conditioning, heating & ventilating; Kwikset Sales & Service Co., Anaheim, California, hardware; and E. W. Muller Contractor, Inc., Newport News, paving.





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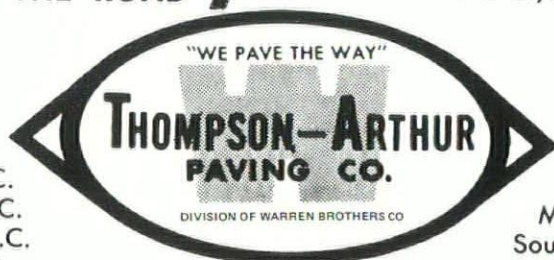
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DAYS CONSTRUCTION CO., INC., GENERAL CONTRACTORS

Days Construction Co., Inc. of Salem was general contractor and handled foundations, concrete, masonry work and carpentry.

Subcontractors & Suppliers

From Salem: Thomas Brothers Contractors, Inc., excavating; Leonard Smith Sheet Metal & Roofing, Inc., roofing; Marion Glass & Aluminum, Inc., windows, window walls & glazing; and, Landmark Lumber & Supply, plastic wall finish & millwork.

From Roanoke were: Webster Brick Co., Inc., masonry supplier; Structural Steel Co., Inc., steel, steel roof deck, roof deck & handrails; Hess & Hurt, Inc., painting; John H. Hampshire, Inc., acoustical, plaster & resilient tile; Feather Tile Co., Inc., ceramic tile; Skyline Paint & Hardware, Inc., steel doors & bucks & hardware; Newcomb Electric Service, lighting fixtures & electrical work; Lowe & Nelson Plumbing & Heating Co., plumbing fixtures, plumbing, air conditioning, heating & ventilating; and S. R. Draper Paving Co., paving.

docks. These docks will have the capability of handling four rail cars, and four tractor trailers simultaneously.

The office area is an exterior masonry bearing wall and interior steel frame structure, with a white brick veneer; while the remainder of the plant is completely steel framed and clad in white metal siding.

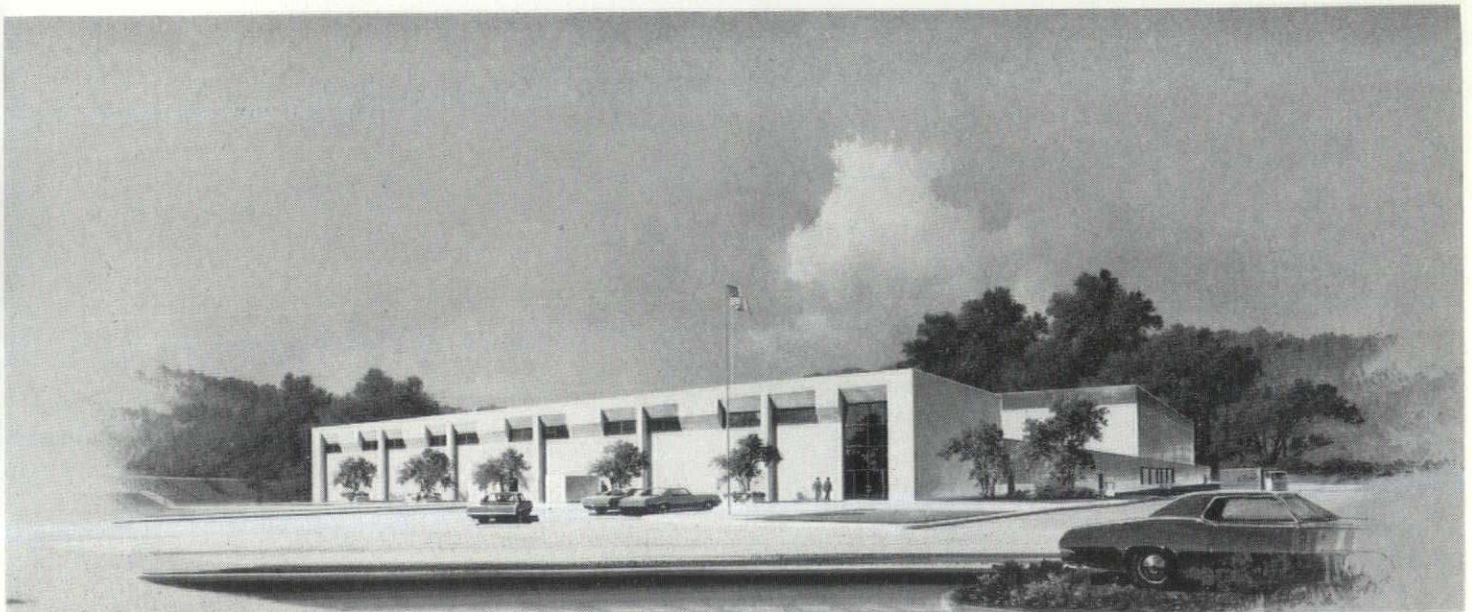
A clear height of 55 feet will be maintained in the single story storage area. This area will be filled with steel storage racks, loaded by an automated system requiring only a single individual to monitor the controls

Site development includes an outdoor plaza which is an extension of the first floor lunch room, parking for 140 vehicles, and the preservation of two log tobacco barns located on the north corner of the site. The barns are in remarkably good condition and will provide an interesting contrast to the modern Burroughs Facility.

THE Burroughs Corporation expects to occupy its new 115,000 square foot business forms plant on June 1, 1975. The printing plant is located on a 12 acre site in a rapidly expanding industrial area on State Street, in Rocky Mount, Virginia. Construction began on June 15, 1974 and is progressing on schedule.

The plant is expected to employ 75 men and women when it opens initially and within two years the full labor force will number 200.

Four basic functional areas combine to form the printing facility: a two-story office/administration area at the front; a single story manufacturing area in the middle; and, at the rear, a rack storage area with adjacent loading



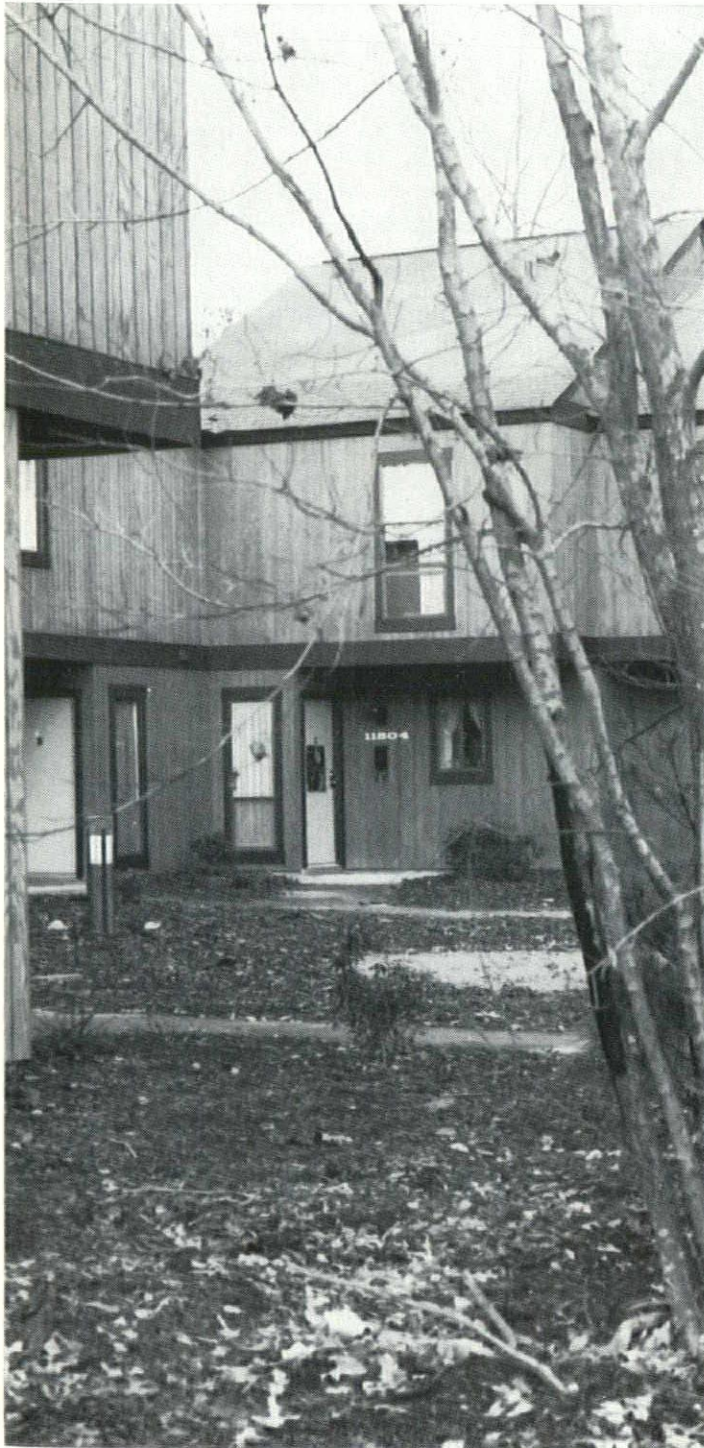
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GENERAL CONTRACTOR

R. A. BOYNTON, PHOTOGRAPHY



WITH mounting pressures from local indicators, The Covington Company has rallied to supply "middle income" housing for the condominium market in South Richmond.

One dwelling unit next to another, across from another, behind another, devoid of vegetation, and provided with abundant pavement, with each unit selling in the low \$30s,

Other areas receiving personal attention by the developer's "yard" crew were selective planting, manicured mulch beds, and railroad-tie retaining walls in the yard areas. The site is punctuated with several play areas. Pedestrian traffic is handled by a network of walkways constructed of asphalt. The choice of asphalt for the walkways lends itself to the meandering character desired, which, in turn, compliments the preservation of the natural environment and further contributes to leisure time activity.

An olympic size pool, two tennis courts of tournament caliber, and a complete program of maintenance (until take-over by the community association) add to entice home buyers to the low \$30s price tags.

Each dwelling boasts wall-to-wall carpeting, air conditioning, all appliances, including washer and dryer, trash masher, refrigerator, range, and dishwasher. Features such as a fireplace and a sunken living room contribute to an intimate atmosphere in the living space.

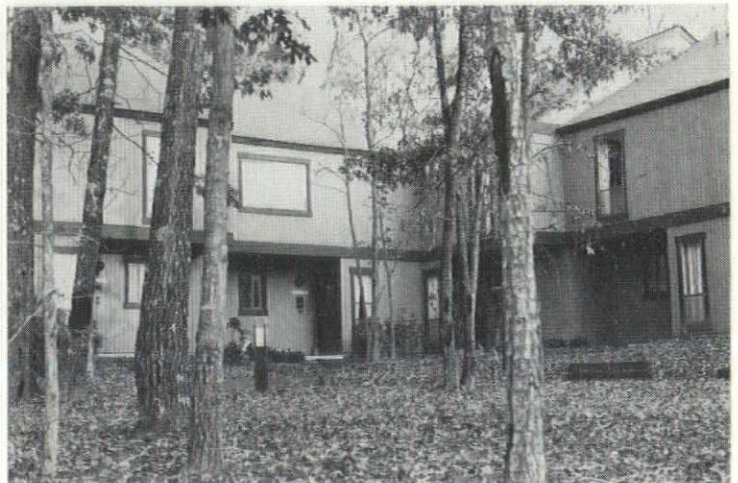
The Covington Company has exhibited its interest in the preservation of the natural environment by limiting the density of this project to 8.6 units per acre.

The success of the project is confirmed by sales of ninety percent of the dwellings during a period of economic depression and tight mortgage financing.

Walthall Construction Corp. of Colonial Heights was general contractor and handled foundations, concrete, roofing and carpentry.

Subcontractors & Suppliers

Daniels & Ingram, Colonial Heights, masonry contractor; Lawrenceville Brick & Tile, Lawrenceville, masonry supplier; Capital Products Corp., Charlotte, N. C., windows; G. M. Clements Co., Petersburg, painting; Manson & Utley, Inc., Richmond, weatherstripping & resilient tile; G. F. Duke Co., Richmond, insulation; Costain Lumber Co., Richmond, wood flooring; Builders Supply Co. of Petersburg, Inc., Petersburg, millwork; Hungerford, Inc., Richmond, electrical work, plumbing, air conditioning, and heating; Howlett Hardware & Specialty Co., Colonial Heights, hardware; and, Shoosmith Brothers, Inc., Chester, paving.



was simply not the intent and, definitely not the result at Briarwood Hearth.

The developer, architect and contractor have worked closely together to save a well-treed site and provide housing nestled discreetly among the trees and apart from the paved parking areas. The use of wood siding with natural color tones was complemented with timber light posts, road signs, and mail distribution centers.

THREE NEIGHBORHOOD SHOPPING CENTERS BY MUSOLINO & HUNTON, AIA, ARCHITECTS, P.C.

JOHN LAWRENCE ASSOCIATES, CONSULTING ENGINEERS

COMBINED PROPERTIES, INC., OWNER/BUILDER

THE architects, Musolino and Hunton, AIA, Architects, P.C. met with the owners, Combined Properties, Inc., to work out the basis for design of several neighborhood shopping centers that were in the offing. They had done numerous jobs for the owner over a span of many years. The past projects had all been "service" type centers on sites that dictated the strip approach.

In the meeting, it was acknowledged that the public wanted more in terms of relation to the neighborhood and shopping environment and Combined Properties, Inc. was willing to meet that commitment.

Three of the Virginia sites were conducive to the "mall" type solution.

Chantilly Mall: Is a 100,000 square foot center. A&P and Dart are the anchors, with a mall of small shops between. A wood shingled mansard type roof was used in order to present the visual impact desired by the anchors and yet to provide visual scale for the shopper.

Fair City Mall: Has 342,000 square feet at present. It is designed for a department store (future) vs. Dart-Home, Dart Drug and A&P, with a mall of small shops between. The mall makes use of natural daylight through skylights, has three court areas for focus of displays, and is laced with planting and seating areas for the shoppers.

Rolling Valley Mall: Contains 206,000 square feet and is similar in concept to Fair City Mall.

Combined Construction of Fairfax was general contractor for all three projects, and handled carpentry.



SUBCONTRACTORS & SUPPLIERS

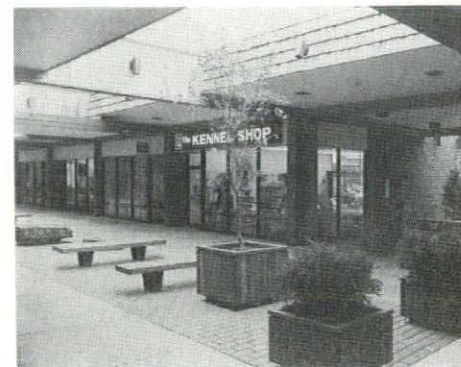
Fair City Mall

Homart Construction Co., excavating; T. T. Hardee Concrete Co., Alexandria, foundations & concrete; T. D. Fraley & Sons, Inc., Alexandria, masonry contractor; Fabricators Steel Corp., Bladensburg, Md., steel, steel roof deck, roof deck; The Mathy Co., Inc., Fairfax, roofing; Associated Glass Co., Inc., Fairfax, windows, window walls & glazing; Artcraft Decorating & Contracting Co., Inc., Alexandria, painting, insulation, ceramic tile & resilient tile; Acoustical Ceilings, Inc., Merrifield, acoustical; Peter Bratti Associates, Inc., Arlington, terrazzo; Columbia Building Products Co., Inc., Alexandria, steel doors & bucks; Coastal Electric Corp., Fairfax, electrical work; Marumsco Plumbing & Heating, Inc., Manassas, plumbing; Wallmark Bros., Inc., Washington, D. C., air conditioning, heating & ventilating; and, Yorkshire Paving Co., Manassas, paving.

Rolling Valley Mall

Arbor Construction Co., Wheaton, Md., excavating; T. T. Hardee Concrete Co., Alexandria, foundations & concrete; T. D. Fraley & Sons, Inc., Alexandria, masonry contractor; Fabricators Steel Corp., Bladensburg, Md., steel, steel roof deck, roof deck; The Mathy Co., Inc., Fairfax, roofing; As-

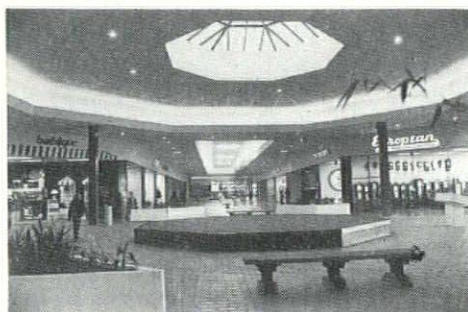
sociated Glass Co., Inc., Fairfax, windows, window walls & glazing; Artcraft Decorating & Contracting Co., Inc., Alexandria, painting, insulation, acoustical, ceramic tile & resilient tile; Peter Bratti Associates, Inc., Arlington, terrazzo; Columbia Building Products Co., Inc., Alexandria, steel doors & bucks; Coastal Electric Corp., Fairfax, electrical work; Wallmark Bros., Inc., Washington, D. C., plumbing, air conditioning, heating & ventilating; and, Yorkshire Paving Co., Manassas, paving.



Chantilly Mall

Earhart Construction Co., Inc., Charlottesville, excavating; T. T. Hardee Concrete Co., Alexandria, foundations & concrete; T. D. Fraley & Sons, Inc., Alexandria, masonry contractor; Fabricators Steel Corp., Bladensburg, Md., steel, steel roof deck, roof deck; The Mathy Co., Inc., Fairfax, roofing; Associated Glass Co., Inc., Fairfax, windows, window walls & glazing; Artcraft Decorating & Contracting Co., Inc., Alexandria, painting, insulation, ceramic tile & resilient tile; Acoustical Ceilings, Inc., Merrifield, acoustical; Peter Bratti Associates, Inc., Arlington, terrazzo; Columbia Building Products Co., Inc., Alexandria, steel doors & bucks; Coastal Electric Corp., Fairfax, electrical work; Wallmark Bros., Inc., Washington, D. C. plumbing, air conditioning, heating & ventilating; and, Haines Paving Co., Inc., Herndon, paving.

"Bowmanite" was used in all malls.





Rolling Valley Mall



Fair City Mall



Chantilly Mall

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Va.-N. C. Peanut Trade Show March 4 & 5

● The 1975 Virginia-North Carolina Peanut Trade Show to be held at the General Vaughan Armory in Franklin, Virginia, March 4 and 5, is rapidly developing into the best in the history of the show according to show chairman, Ernest Wrenn.

"We have found a great interest among exhibitors and space is rapidly filling up," said Wrenn. "We also have a number of added attractions that will not only be of interest to people in the industry, but to all consumers of peanuts."

This cooperative effort of Virginia and North Carolina peanut industry representatives will get underway on Tuesday, March 4 at 4 p.m. with official opening ceremonies and continue through 10 p.m., March 5. Exhibits will be on display from 100 agribusiness companies who provide goods and services to peanut farmers. The armory will contain some of the exhibits, others will be on display in a tent, and larger equipment will be outside.

One of the events that has proven of great interest has been the Cook-A-Peanut contest. All non-professional cooks who have a favorite recipe that includes the use of peanuts are invited to enter. Categories of competition will be appetizers and breads, main dishes, and desserts.

ECONOMICALLY SPEAKING

By ALLEN P. STULTS,
Chairman of the Board,
American National Bank and Trust Co. of Chicago

● Behaviorists have long studied the impact of general consumer attitudes on each individual's many economic decisions. The *real* consequences of these psychological reactions both positive and negative, affect virtually all sectors of the economy.

Recently, there has been an abundant evidence of the fact that even leading representatives of the various economic sectors have misinterpreted and consequently misrepresented both the facts and the effects of our current imbalances and maladjustments. I find it most unfortunate that many of these well-meaning but misdirected individuals do not recognize the consequences of their actions. Some examples and effects can be categorized as follows:

GLOOM AND DOOM THEORIES:

Current commentaries of business leaders, economists, educators and government officials seem to be laced with fears that the very foundation of the U.S. economy is doomed. Continuing negative assessments obviously cannot produce any positive reaction. What these promulgators fail to include in their comments is that, in fact, our economy is basically sound and remains the strongest in the world, in spite of a period of ill health.

RIPLING EFFECTS:

Last year our country experienced the greatest test in the history of the

world. There was an unprecedented coincidental occurrence of five major shocks—double digit inflation, the energy crisis, a President resigning in disrepute, a new President who was unelected and unprepared and an all-time recorded low in consumer confidence. The effects of these shocks create an understandable fear in the minds of the citizenry. Most seriously affected key industries such as automobile and housing produce substantial rippling effects which have widespread impact on other industries dependent on their welfare. Auto manufacturers are not only a key economic factor within themselves, but also support hundreds of dealers and small suppliers as well as being a major customer of other significant basic industries such as steel, glass, rubber and plastic. As goes the housing industry's welfare so goes the welfare of furniture, floor covering and appliances as well as the welfare of certain of the same significant basic industries.

Any one of these shocks alone would be staggering to any other country. However, we not only took them pretty much in stride, but in nominal terms had the best economic year in history and even in real terms were off less than 2% from our best performance.

GOVERNMENT INTERVENTION:

Real fears are well founded when government intervenes in trying to solve economic problems. The administra-

Correction . . .

● Work on the stained glass window, focal point of the New Sanctuary for Chestnut Hills Baptist Church, featured on our November 1974 cover and on page 33 of that issue, was incorrectly credited.

It was designed, furnished and installed by OLD DOMINION STAINED GLASS COMPANY of Ashland.

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tion's recent attempt, through a public relations campaign to the masses to help whip inflation was even counterproductive in my estimation because it failed to deal with the basic factors which cause and perpetuate inflation. A catchy slogan, a graphically vivid button and a conglomerate of somewhat disjointed proposals cannot distract an individual's concern about comprehension, capacity and dedication of his government. To mobilize a nation on the basis of voluntary effort and restraint without offering and effectively relating a comprehensive program for both the public and private sector with the incentives to encourage that action, will not work.

REASSESSMENT:

What is needed to cure the imbalances we currently experience is to let the free enterprise system, unhampered by governmental restrictions, regulations, administration, reporting requirements, etc., function with the market place dictating and the law of supply and demand governing. Government cannot solve anything. They certainly will not cure the economy by suggesting a tax decrease. That is a sad diagnosis, for by the time the measure reaches fruition and begins to have an impact, more often than not it is counterproductive.

The private and public sectors must redefine their approach in wielding influence on economic policy. Certainly it is time to by-pass Washington in establishing standards and procedures for the production of goods and services and convince our elected representatives and the rank and file of the adverse results assured whenever the government tampers with the economy. History has proven that our economy functions best when provided with a totally free enterprise environment. To talk of the benefits of that type of system coupled with the rewards and incentives it offers, in my opinion, is both psychologically and, *in fact*, more effective than what we are hearing too often today.

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Good Reading:

Latest Volume On Old Virginia Houses

• **Old Virginia Houses, The Heart of Virginia** by Emmie Ferguson Farrar and Emilee Hines; Hastings House Publishers, New York; \$15.00.

Emmie Ferguson Farrar and Emilee Hines have done it again in their new book **Old Virginia Houses, The Heart of Virginia**. This is the fifth book in the series, the third of the Farrar/Hines collaboration, and even a brief glance indicates the vast amount of research and "heart" involved.

This volume details, editorially and pictorially, homes located in a triangular area of our state, west of the Fall Line and east of the mountains known as the "Heart of Virginia." The apex of the triangle is Albemarle County; the base is the border with North Carolina. The authors take us from Jefferson's Monticello in Albemarle County down to the Sutherlin Mansion—Last White House of the Confederacy in Pittsylvania County. There are stops between at some well known and some lesser known homes including "The Oaks" in Halifax County where Mrs. Farrar was born.

Throughout, photography is excellent and, though necessarily brief, the descriptions are immensely informative both architecturally and historically. They are particularly interesting as we approach our nation's bicentennial since many of the locations and historical figures involved in "The Heart of Virginia" of 200 years ago are captured within the 247 page chronicle.

Again our thanks to the Mesdames Farrar and Hines for continuing in their efforts to preserve Virginia in print for everyone to treasure. A.R.B.

Yorktown Book Reprinted

• A Northern Virginia publishing company has recently reprinted, in a limited Bicentennial edition, Henry P. Johnston's classic book on the decisive Revolutionary War victory which confirmed American independence, *The Yorktown Campaign and the Surrender of Cornwallis*. Originally published in 1881, toward the close of the Revolutionary War Centennial, Dr. Johnston's book remains one of the best on the subject and has been recognized as an authority for almost a hundred years.

This book contains 206 pages, and in addition to an outstanding text, it features maps of military operations and pictures of Revolutionary War heroes, both Continental and British, by such artists as Trumbull, Copley, Sir Joshua Reynolds and Gilbert Stuart. Its lengthy appendix contains copies of a number of letters regarding the Campaign, extracts from Washington's journal, Lt. Col. Harry Lee's account of the surrender, Lord Cornwallis' report of the surrender, and data from other important primary materials too numerous to mention here.

Bound in a fine-quality Bristol board, the cover of this book features an illustration of Colonial Yorktown under the British flag. Copies at \$8.95 each, postpaid, may be ordered from: Honford House Publishers, Box 7029, Arlington, Virginia 22207. (Virginia residents are reminded to add 4% State sales tax.)

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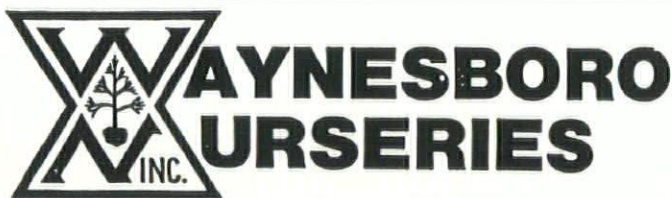
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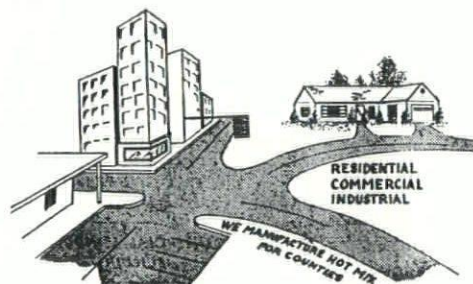
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Treat and Jackson Retire From Highway Unit

L. R. Treat, Jr., the state's Richmond District highway engineer since 1962, retired January 3, and was succeeded by L. E. Brett, Jr., formerly an assistant state secondary roads engineer, according to the Virginia Department of Highways and Transportation.

At the same time, one of Treat's assistants, L. A. Jackson, also retired. Jackson was succeeded by William R. Davidson, fleet manager for the state government's car pool administered by the department.

The Richmond highway and transportation district encompasses a broad area extending from Hanover County on the north to the North Carolina line, and includes the Richmond metropolitan region. The district office, located at Colonial Heights, is responsible for the operation and maintenance of more than 6,600 miles of interstate, arterial, primary and secondary highways.

Treat, 65, is a native of West Point, and was graduated from Virginia Tech with a bachelor of science degree in civil engineering. He joined the former Department of Highways as a survey party member in 1931, became chief of a survey party in the state's Lynchburg highway district in 1938, and was promoted to resident engineer at Wise in Southwest Virginia in 1947.

He later was in charge of the depart-

ment's Chatham residency office, and became assistant district engineer for the Lynchburg District in 1957. Treat assumed the chief administrative duties for the 14-county Richmond District in September of 1962.

Among the major construction projects completed in the district during his tenure are segments of Interstate Routes 64, 85, and 95, the Benjamin Harrison Bridge across the James River near Hopewell and the new Manchester Bridge over the James in downtown Richmond, Chippenham Parkway in Chesterfield County, and the dual-laning of Va. Route 10.

His successor, Brett, is a 48-year-old native of Como, North Carolina. He attended elementary and high schools in Franklin, attended Carson-Newman College in Jefferson City, Tenn., and was graduated from Virginia Tech with a bachelor of science degree in civil engineering in 1949.

He worked for the Highway Department on a survey party, in its testing and location and design divisions, and as a construction inspector prior to his promotion to assistant resident engineer at Warrenton in 1951.

Brett served as assistant resident engineer at Fairfax from 1953 to 1956, worked in the department's secondary roads division in Richmond in 1956 and 1957, and was promoted later in 1957

to resident engineer at Accomac, a position in which he directed the department's road operations on the Eastern Shore.

From 1963 to 1971, he was in charge of the Fairfax residency office in heavily urbanized Northern Virginia. Since that time, he has been an assistant secondary roads engineer in Richmond, helping to administer planning and operations for the state's 42,700-mile secondary road system.

Jackson, 64, is a native of Lebanon in Russell County. He joined the Highway Department as an equipment operator in the Bristol District in 1932, and later held a variety of engineering assignments prior to his promotion to resident engineer at Tazewell in 1953.

Jackson was resident engineer at Abingdon from 1956 to 1959, when he became assistant district engineer for the Richmond District. During most of his service in this position, he has had direct responsibility for construction activities, and has aided Treat in directing the large road-building program which has been completed and is under way in the district.

His successor, Davidson, 40, is a native of Cincinnati, Ohio, who grew up in Jonesville in Lee County. He was graduated from Virginia Military Institute with a bachelor of science degree in civil engineering in 1955, and joined the Highway Department's graduate engineer training program in 1959.

Davidson was assistant resident engineer at Wytheville from 1963 to 1965, was resident engineer at Bedford from 1965 to 1968, and served as engineer in charge of the department's Chesterfield residency office from 1968 to 1971. He has directed the state's car pool operations since that time.

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The Jefferson Hotel Appoints Hood

• The Hotel Jefferson Corp. has announced the appointment of William E. Hood as general manager of The Jefferson Hotel. Mr. Hood previously has been associated in executive positions with the Sir Walter Hotel, Raleigh, N. C., The White House Inn, Charlotte, N. C., the Penn Harris Motor Inn, Harrisburg, Pa., and other hotel and motel properties.

While general manager of the Sir Walter Hotel, he helped create and produce the innovative "On Stage" dinner theater production.

Mr. Hood is a past director of the North Carolina Innkeepers Association and a member of the Hotel Sales Managers Association International.

Also newly appointed as executive secretary to the general manager is Mrs. Lynch Tyndall, whose background includes service with The William Hilton Inn, Hilton Head Island, S. C.

Miss Dorothy Lee Nelson continues as catering manager for the Hotel.

Norman Hall Is Award Recipient

• At a National Sales Meeting held in November at their office and plant in Burlington, New Jersey, Merchant & Evans Company, suppliers of architectural products since 1866, and more popularly known for their Customforming of Reynolds Metals Aluminum for mansard systems, fascia panels, grave stops, etc., made a special award to Norman Hall of W. Norman Hall Associates, a Richmond marketing firm, as their "Outstanding No. 1 Salesman for the Entire United States."

Mr. Hall has been well known among the architectural and industry trade for many years. He is married to the former Sylvia Dahn, and they have two children.

He was associated at one time with the Department of Mental Hygiene, Commonwealth of Virginia, as Assistant Director of Capital Outlay for Architectural Projects. Also, he was Director of Architectural and Technical Services for Buckingham-Virginia Slate Corporation for many years.

Mr. Hall has been very active in the local Chapter of the Construction

Specifications Institute for many years, having traveled all over the United States with his wife attending various meetings on a local and national level representing the Richmond Chapter of the C.S.I.

He is a member of Masonic Lodge No. 127, and also serves as a Director of American Legion Post 125.

Two of Merchant & Evans Company's outstanding projects in the Richmond area for which Mr. Hall was responsible are the Howard Johnson's Motel on North Boulevard, and the new St. Luke's Hospital on Parham Road.

McDanel Joins Richmond Architectural Firm

● Highfill & Associates, Inc., Richmond architectural, engineering and planning firm, announces that Mr. Robert L. McDanel has recently joined the firm.

Mr. McDanel, a Virginia registered architect, graduated from the University of Richmond with a BA in English in 1947 and from Virginia Polytechnic Institute with BS in Building Construction in 1950.

He has more than 20 years experience in architecture with firms ranging from one man offices to large, multi-faceted offices. His experience has involved design, production, administration and inspection of construction for a wide range of building types for both public and private clients.

Mr. McDanel is married to the former Jewell Slusher of Floyd County and has two children. The family resides in the west end of Richmond.

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CSI Awards Go To Graugaard And Bosserman

Two area men were recipients of awards presented at the annual conference of the Construction Specifications Institute, Region 3, held in Wilmington, Delaware. Receiving awards were Jorgen Graugaard and Donald Bosserman, both members of the architectural firm of Saunders, Cheng & Appleton of Alexandria, Virginia.

Mr. Graugaard received the region's Technical Award and was cited for his "outstanding performance as chairman of the Technical Committee in organizing, coordinating and supervising the committee's high level of technical work in the area of specifications documentation." In addition to his service as Technical Committee chairman, Mr. Graugaard has been director of the D. C. Metropolitan Chapter, C.S.I., and is currently serving as second vice president. He heads the specification and material research department of the SC&A firm.

Mr. Bosserman received the region's Publications Award and was cited for his "outstanding efforts in initiating, organizing, editing and publishing the Master Index of Government Guide Specifications for Construction." Mr. Bosserman serves as education committee chairman and director of the D. C. Metropolitan Chapter. He is projects architect with the SC&A firm.

The Construction Specifications Institute, a national technical organization of architects, engineers, contractors, and building product manufacturers and distributors, is primarily interested in the promotion of excellence in construction specifications and construction communications. Region 3 of C.S.I. includes the states of Virginia, Maryland, Delaware, Pennsylvania and the District of Columbia.

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Alexandria Hosts Washington Birthmonth Festivities

The historic city of Alexandria, hometown of George Washington, will celebrate the birthday of America's forefather during February with a George Washington Birthmonth Festival.

The month long festival, sponsored by the George Washington Birthday Celebration Committee, will feature tours of privately owned 18th century and newly built homes, special ceremonies and film showings, a Colonial costumed banquet and ball, costumed church visiting at 18th century churches and the traditional George Washington Birthday parade.

The festival will begin with church visiting every Sunday at Alexandria's 18th century churches: Old Presbyterian Meeting House, Christ Church, St. Mary's Catholic Church and Trinity Methodist Church. Parishioners and visitors are encouraged to wear Colonial costumes in honor of George Washington and his fellow patriots who once attended the same churches.

A New Homes Tour will be held Saturday, Feb. 15 from 11 a.m. to 5 p.m. A \$5 ticket includes entry into ten new Alexandria homes built in the federal style. Many are modeled after colonial homes and are furnished with antiques. One neo-colonial home on the tour, Carriage Square West, contains the complete furnishings of a home in Chelsea, England. An 1811 grandfather clock and 1780 serpentine fronted English serving table are featured. The tour will end with a tea.

A special film showing of "George Washington's Mt. Vernon" will be shown Feb. 15, 16, 17 at the George Washington Bicentennial Center. The Center opened in July as the nation's first state bicentennial center and includes a museum, a museum shop with 18th century reproductions and a state travel information service.

On George Washington's Birthday, Monday Feb. 17, the Friendship Veterans Fire Company will hold their annual ceremony at 11:45 a.m. in front of the Friendship Fire House honoring several great living Americans who have performed outstanding deeds for their country.

The afternoon of Feb. 17, the city's traditional George Washington Birthday Parade will begin at 2 p.m. at First and Washington Streets. George and Martha Washington will review the parade in front of Gadsby's Tavern. The two-hour parade will feature the U.S. Army Band, 1400 men of the

Third Infantry Regiment, U.S. Marine Corps Drum and Bugle Corps, Air Force Band, tanks from World War I to present, Third Infantry Fife and Drum Corps, Commander in Chief's Guard of the Third Infantry Regiment (a colonial costumed bicentennial unit modeled after George Washington's own Revolutionary War guard unit), Mt. Vernon Guards, and many others.

On Saturday, Feb. 22 an Old Homes Tour will be held from 11 a.m. to 5 p.m. A \$5 ticket will include entry into nine homes built in the colonial and Revolutionary War period. One 18th century home is situated on a lot sold to the original owners in 1749 and reportedly surveye'd by one of George Washington's assistant surveyors. Another home is over 200 years old, located on the cobbled stone street of Captain's Row. The tour ends with a tea at Old Presbyterian Meeting House.

The evening of Feb. 22, a George Washington banquet and Birth Night Ball will conclude the festival. The traditional banquet and ball honoring George Washington's birthday stems from British tradition celebrating the birthday of the King or Queen of England. It is recorded in the Alexandria Gazette as early as 1791 that a Birth Night Ball was held at Gadsby's

Tavern in Alexandria celebrating George Washington's birthday. Washington himself attended the ball in 1798 and 1799.

The banquet will be held at Christ Church Parish Hall at 7:30 p.m. Guests will be greeted by George and Martha Washington and his military aides dressed in Colonial costume. During the candlelit dinner, the traditional 16 champagne toasts will be proposed to George Washington, repeating the 16 original toasts which were presented at one of the first 18th century banquets. The Birth Night Ball begins at 9:30 p.m. at the George Washington Bicentennial Center. The costumed or black tie ball will feature entertainment by the P.Q. Orchestra. Tickets are limited and are \$25/couple or \$15/single for the banquet and ball.

Festival tickets and information may be obtained from the Ramsay House Visitors Center, 221 King St. The center is open 10 a.m. to 4:30 p.m. daily. Free parking passes for visitors, brochures on the city's 13 historic landmarks and nearby plantations, accommodations and dining reservations, daily film showings, restaurant and shopping guides and walking tours are available at the center. Call 703-549-0205.

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(From page 41)

PARIS MONUMENT WINS MEDAL FOR MEMORIAL ARCHITECTURE

The American Institute of Architects announced in January that a 12-year old Paris memorial to French victims of Nazi concentration camps, designed by distinguished French architect Georges-Henri Pingusson, has been awarded the Henry Bacon Medal for Memorial Architecture.

La Memorial des Martyrs de le Deportation occupies the eastern tip of Paris' Ile de la Cité, a prestigious site directly behind the gardens of Notre Dame.

Cited by the AIA Jury on Institute Honors as a "poignant monument of utmost simplicity," the memorial consists of a sunken enclosure and a crypt reached by two flights of narrow stairs leading downward from the public gardens. From the enclosure, nothing is visible but the sky and the river, seen through a sculptured portcullis and an iron grille. The crypt's two wings house urns containing ashes of concentration camp victims and an illuminated gallery; each of the 200,000 tiny lights in the gallery represents a French deportee.

In its spaces, forms and textures, the memorial captures the oppression and isolation of the concentration camps, and the memorial, according to the jury "succeeds in expressing dramatically the highly emotional impact associated with the recollection of the

suffering of thousands of victims of brutal oppression."

Born in Clermont-Ferrand in 1894, Georges-Henri Pingusson graduated from the E'cole des Beaux Arts. Once an associate of Mallet-Stevens, he collaborated with le Corbusier on the master plan for Breiy-en-Forêt. From 1946 to 1963, he was chief consulting architect and planner to the Ministry of Construction. He has been associated with the E'cole des Beaux Arts since 1949, first as an instructor and most recently as Professor and Chef d'Atelier.

His works include cinemas, schools, churches, agricultural communes, and large scale housing and urban projects. Among his many honors is the gold medal of the Cercle d'Etudes Architecturales.

The award will be presented at the 1975 convention of The American Institute of Architects, to be held in Atlanta, Ga., May 18-22.

Established in 1966 in honor of Henry Bacon, designer of the Lincoln Memorial in Washington, D. C., the medal is given only for memorial architecture symbolizing a high spiritual concern, a stipulation that rules out memorial buildings or other "living" memorials. The award is made once every two to five years. In 1966 it was given for the Gateway Arch in St. Louis; in 1969 for Fosse Ardeatine Caves in Rome, Italy.

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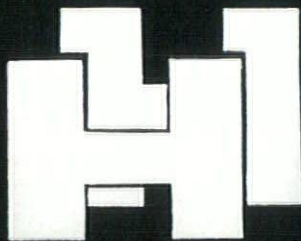


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■ The AIA Research Corporation (AIA/RC) has subcontracted with eight architectural firms and two schools of architecture to develop housing design concepts incorporating the use of solar heating and heating/cooling systems

AIA/RC and its subcontractors are assisting the Department of Housing and Urban Development and the National Bureau of Standards to respond to the general objectives of the Solar Heating and Cooling Demonstration Act of 1974. The subcontractors will prepare solar design concepts for single family, low-rise multi-family, and mobile homes. The designs will be included in a document for use by HUD and other federal agencies, researchers, designers, builders, home owners, and the general public concerned with incorporating solar heating and heating/cooling in houses

The ten subcontractors were chosen from more than 350 firms and 30 schools submitting preliminary proposals. The firms selected are: Community Design Associates, Cos Cob, Conn.; Donald Watson, AIA, Guilford, Conn.; Giffels Associates, Detroit, Mich.; Join Venture, Denver, Colo.; Massdesign, Cambridge, Mass.; RTL, Inc., Paramount, Calif.; The Architects, Taos, N. M., and Total Environmental Action, Harrisville, N. H. The two schools are the School of Architecture and Environmental Studies of the University of Detroit and the College of Architecture of Arizona State Univ.

Each subcontractor will develop conceptual housing designs modified for or adapted to either different solar systems or different climatic regions. The concepts will include original housing designs as well as modifications of traditional and developer-oriented residential designs, and will examine both existing and innovative solar systems.

The AIA Research Corporation is a non-profit organization founded in 1971 by The American Institute of Architects. Its president is John P. Eberhard AIA.

SATTERLEE MEMORIAL COLLECTION ESTABLISHED

The AIA Foundation has announced the establishment of a special fund to create a collection of books and slides on historic preservation and Washingtoniana in memory of the late Nicholas Satterlee, FAIA.

Nucleus of the collection will be Satterlee's own collection of books, reports, and slides on historic preservation and the architectural history of Washington, D. C. which is being given to the AIA Foundation by his family.

The material will be housed in the AIA Library for the use of architects and organizations working in the field of historic preservation. Memorial contributions to the Foundation will be used to add to the collection.

Satterlee, who practiced architecture in Washington from 1949 until his death in November 1974, was highly regarded for his work in the adaptation of historic buildings to contemporary needs, and in the preservation of the urban environment.

In association with Turner Associates Satterlee had recently completed a master plan for the preservation and rehabilitation of Washington's Logan Circle area.

His plans for the renovation of the Executive Office Building were described by Washington Post architecture critic Wolf von Eckardt as "ingenious, imaginative, tasteful and in reverent keeping with the character of the building's spirit and architecture."

Satterlee also prepared a feasibility study for renovation of the Treasury Building and designed many new structures, chiefly in the Washington, D. C. area. He was a prominent member of many civic, preservation, and planning organizations.

Tax deductible contributions in memory of Nicolas Satterlee may be sent to the AIA Foundation, 1799 New York Ave., N.W., Washington, D. C. 20006.

The Foundation is also seeking information on books, slides and other documents on historic preservation and the architectural history of Washington that might be added to the memorial collection

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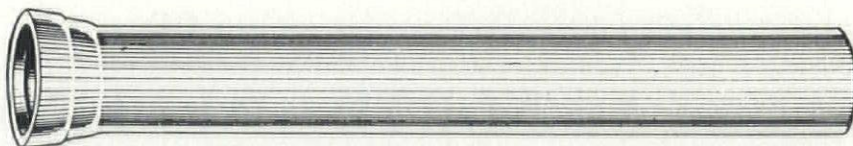
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(Continued from page 17)

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(From page 43)

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SECOND BAPTIST CHURCH (From page 47)

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ing & millwork; James H. Carr, Inc., Kensington, Md., structural wood; Harris Painting Contractors, painting; Manson & Utley, Inc., weatherstripping; W. K. Hawkins Engineering Co., insulation; M & P Construction, plaster; Stonnell-Satterwhite, Inc., ceramic tile and slate; J. S. Archer Co., Inc., steel doors & bucks; Petersburg Electric Corp., lighting fixtures & electrical work; K & M Plumbing & Heating Co., plumbing fixtures, plumbing, air conditioning, heating & ventilating; Pleasants Hardware, hardware.

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Man's Vision:

A Nation's Nightmare

(Continued from page 7)

Since New York is the paradigm of American cities, it is natural that urban problems — such as governing, transportation and traffic—would there be concentrated and exaggerated to the point of being well nigh insoluble. Also, since New York is a pacesetter, it follows that the city and its environs were the most advanced in the nation in building inter-urban parkways and urban expressways, as well as parks and public works, including “urban renewal.”

So far advanced was New York in urban renewal that in 1957 when \$133,000,000 in public monies had been spent on all the cities of America with the exception of New York, \$267,000,000 had been spent in New York—twice as much as in all other American cities together. According to biographer Cato, by 1960 urban renewal in New York under Moses “had produced more physical results . . . than in all other American cities combined.”

Also in expressways: ten years after World War II, while politicians in most American cities were struggling in the planning stages of urban expressways, Moses had practically completed six great expressways he had rammed through the city's massed apartment houses. This pioneering feat looms as the more remarkable when it is realized that the Bronx is the only one of the five boroughs attached to the mainland, the others being islands, and even the Bronx is separated from Manhattan by a river.

When other cities got around to building their own expressways, engineers from all over the country came to Moses for his secrets, the chief secret of which was how to remove people from the expressways' paths. The basis of Moses' success was his lack of hesitancy in uprooting people. He removed 250,000 people from their homes in order to make way for automobiles; he also removed an estimated 300,000 plus persons for his public projects,

such as Lincoln Center, the United Nations, etc.

The bulk of the dispossessed were black, Puerto Rican and poor. The housing he rebuilt to replace that demolished was predominantly for the well-to-do. That which Moses built specifically for the nonwhite poor was bleak and sterile, in locations that contributed to the ghettoization of the city. The uprooted inhabitants reacted with rage and bitterness, and defaced their new cheap public buildings. Cato summarized, Moses “had built more housing than any public official in history, but the city was starved for housing.”

It is difficult to describe briefly the source of Moses' awesome power. Basically, the Triborough Bridge and Tunnel Authority (referred to as “Triborough”) formed the center for the autonomous sovereignty he built of a loose confederation of four public authorities plus the New York City Park Department and the Long Island State Park Commission. No one in New York City or Albany had ever intended that such power be concentrated in a single authority. Moses, a master draftsman of legislative amendments, buried apparently innocuous amendments in the body of authorizing acts and slipped past the mayor and the General Assembly acts which solidified and perpetuated his command of billions of dollars, including the right to issue bonds and refund bonds, and control all revenues. Instead of being the creature of the city, Moses' Triborough was responsible only to him.

Robert Moses was born of modestly rich parents. His mother, an aggressive woman who fancied herself as “Lady Bountiful” to distressed immigrants, gave Moses the solid encouragement of supporting him and his family most of his life in order that he might devote himself to public service. Tall, handsome and arrogant, educated at Yale and at Oxford, through family connections he was appointed in his early twenties to the prestigious Bureau of Municipal Research. The Bureau, supported by the city's businessmen, was primarily concerned with developing an efficient system for New York's government which would eliminate the possibility of corruption and its wastefulness. Secondly, as Moses wrote in his thesis for the Bureau's Training School, they were to produce “the system of the future in American cities.”

In this period, Moses was a ball of fire of youthful idealism and impatient zeal. He produced all manner of suggested reforms, some striking at the heart of the practices of graft and wastefulness. The big wheels of Tammany watched these threatening goings-on without protest. All the while these eminently practical politicians were quietly using all their corrupt powers to sabotage, and even make ridiculous, the young zealot's reforms. Within a few years Moses was a figure of futility, surrounded by ill wishers.

From this humiliating desuetude he was snatched in 1918 and at the age of thirty began his true career. Al Smith had just been elected governor and,

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while a devoted Tammany-ite, he sincerely wanted to make good on his campaign promises of reorganizing the state's political machinery and of sweeping social welfare reforms. To this end Smith had appointed the usual commission of distinguished citizens but for the commission's executive head he had appointed the most unusual Mrs. Belle Moskowitz. This quiet, plump motherly looking matron possessed an unmatched political acumen. For reasons never explained, Mrs. Moskowitz picked Moses to be "chief-of-staff" of her active force of about fifty assistants.

Having already learned the uselessness of ideals that could not be put into practice, from his mentor Moses learned "the art of the possible." In those heady years with Al Smith, Moses did not abandon his ideals, as Mrs. Moskowitz was a true reformer. He learned slowly, and sometimes painfully, how to compromise, how to gather allies and how to avoid stepping on toes: he learned how to make deals. And he learned every trick in drafting legislation.

In or about 1924 Moses, with Smith's support, started on what became his public works career. Oddly for such a cold man, though not untypical of those rich who never had to be self-supporting, he first interested himself in a project for New York's masses. Almost as if looking for an objective for his public service ambitions, he settled on the huge portions of Long Island's eighty miles that were kept inaccessible to the tens of thousands of New York families who on Sundays sought escape from the sidewalks' heat on a beach or picnic grounds.

The fashionable North Shore, facing the Sound, was blocked off by the large walled estates of multi-millionaires, whose private police forces kept out intruders; the south shore, on the Atlantic, was largely the preserve of the "baymen," a fierce independent breed who for generations had worked the ocean for oysters, clams and smelts, and were hostile to all outsiders, especially the "foreigners" from the city. Toward the eastern end of the south shore were several large preserves held by a few rich men.

Although there were relatively few cars in America in the mid-twenties, among the millions of New York's inhabitants, there were thousands of cars available for the Sunday outings. But the roads were few, narrow and primitive, mostly kept in a state of disrepair at the behest of the North Shore barons to discourage the public. On a typical Sunday, four hours was required by the

desperate fugitives from the city to go 32.4 miles, and nowhere near either shore. The barons also controlled the Long Island Rail Road, whose North Shore lines were kept in particularly wretched condition.

So Robert Moses' first dream of making beaches (he later had built Jones Beach), and woodsy parks available for masses of people, involved road-building and all the struggles that were to characterize his fully burgeoned career—finagling for favorable legislation, acquiring rights of way, evicting people from their property, dismissing customers and local preference, and confronting formidable enemies. In this first big fight in the Long Island arena Moses' high-handedness caused him a lot of trouble, including court trials, and he might well have been finished right there except for the support of Al Smith.

Of course, victory fed his natural arrogance and refined his techniques. Going way beyond Tammany, which he won voters by giving Christmas turkeys and passing out bags of coal to the needy, Moses developed allies among the 40,000 who, he discovered, enjoyed big favors as much as the poor enjoyed turkeys. Yet, when he first enlarged his dream from Long Island to the five boroughs in the early going he was acting still for the common good—at least, according to his lights. That is, he built parks and playgrounds, but they were not in the neighborhoods to benefit the poor.

It was after World War II, when the multiplicity of his suburban parkways and urban expressways brought the swarms of cars into New York's already congested streets, that Moses' power seemed to have become an end in itself. In his obsession with power Moses' building mania no longer related to the needs of the city. As he totally neglected mass transformation as a critic noted, the only thing as "awesome" as Moses' inter-urban highway system was the traffic congestion on the parkways, bridges and tunnels leading to Manhattan, where city traffic could be described as bedlam. Partly as a result of his urban renewal, the spread of ghettos, with their concentration of the poor and nonwhite, narrowed the tax base while the welfare burden grew and crime flowed out of the ghettos. The consequence was that the high costs, the nerve-wracking inconveniences and the fear of crime in the streets, caused an exodus of affluent middle class citizens and business firms.

In being the first American to transform a city into a place for automobiles, Moses suffered one supreme irony: the

ty parks of which he was so proud became as inaccessible as the old stretches of Long Island, because New Yorkers were afraid to use them. The first park of his dreams, back in the early twenties, was Riverside Park.

The inside of Riverside Drive is packed solid with apartment houses and a few houses which had once been private residences. The far sidewalk adjoins a grassy, tree-shaded slope at the bottom of which the New York Central tracks ran between the hillside and the river. In the pre-Moses era, this hill was a pleasantly restful oasis frequented by Columbia University students and people of all ages from the neighborhood. In the spring afternoons it was an ideal spot to study or read, and many a discussion for solving the problems of the world was held between converging groups above the broad, beautiful Hudson. In summer evenings, couples would stroll there and sit on the benches or sprawl on the grass.

Moses had the railroad tracks handsomely covered, although this beautification did not extend northward beyond the Columbia neighborhood into the less affluent and finally poor sections. By this access to the river, he created yacht basins and such like. Additional landscaping was done on the informal hillside, deepening the shadows after dark. The public buses going downtown stop on this far side of the street. But at night the residents of the apartment houses on the inside of the Drive, and from the neighboring side streets, are *afraid* to cross the Drive to use the buses. The formerly charming oasis has become a stamping-ground for muggers and rapists and an aggressive form of sick perverts. Only the brave live on Riverside Drive as in much else of the city that once offered so many, stable, attractive neighborhoods, like a collection of small cities.

This concatenation of dismal effects of Moses' obsessive destruction and construction was caused at least in part by his consistent defeat of every attempt made to create a master plan which, as biographer Cato states, "would have enabled the city to develop on a rational, logical, uniform pattern." Of course, no one man could have ruined a once great city in forty years. Many of their problems are endemic to the modern American city. But many of New York's problems, and of those cities which followed in Moses' wake, would have been avoided, or at least ameliorated, if the compulsive urban renewer and highway-expressway builder could have been persuaded to exercise some restraint in

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the play of his obsession and to relate his "public works" to the other needs of the city in some master plan.

During the past decade when, as Cato believes, "it was too late for it to do much good," a master plan was finally adopted after Moses was shown of his power. During the 1960s Moses' wings began to be clipped by Governor Nelson Rockefeller. Early in Rockefeller's governorship it was evident to observers that the state was not big enough for two men of such colossal arrogance. Rockefeller himself wanted to be the big spender and here Moses in the past fifteen years, independent of any control, had spent nearly four and one-half billion dollars on public works, almost one billion more than the government of the financially strapped city had spent on all its services. The Rockefeller was genuinely interested in mass transportation, which was obviously the trend of the future, while Moses (who never drove an automobile) was still in thrall to his highway dreams that had been so advanced in 1924.

As a reviewer of *The Power Brokers* wrote, despite all pressures and evidence of changing needs, "visions of cloverleafs danced in his head."

The Rockefeller-Moses showdown occurred over Moses' centerpiece of power, the Triborough, in June 1967 when the autocrat of forty-four years was seventy-nine. Rockefeller got Moses to hold still for a merger of Triborough into the governor's state Metropolitan Transportation Authority by giving the old man a promise he later broke and by evading legal technicalities, which would have prevented the merger through his brother David, whose Chase Manhattan bank became trustee for Triborough's \$367,200,000 in unredeemed bonds.

Moses' megalomaniacal career would appear to provide lessons for other cities. But Moses' heritage is not entirely ashes: as incredible as it might seem, there are actually cities at present copying those policies which Moses first envisioned to meet the traffic conditions of 1924. Maybe these modern power brokers have a death-wish for their cities. Or maybe they are in cahoots with suburbanites in a tacit plan to hurry the total liquidation of the central cities. There doesn't seem to be any other explanation for following a lead, now generally being repudiated across the nation's cities, that ended in spectacular disaster in the once great city where it originated.

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