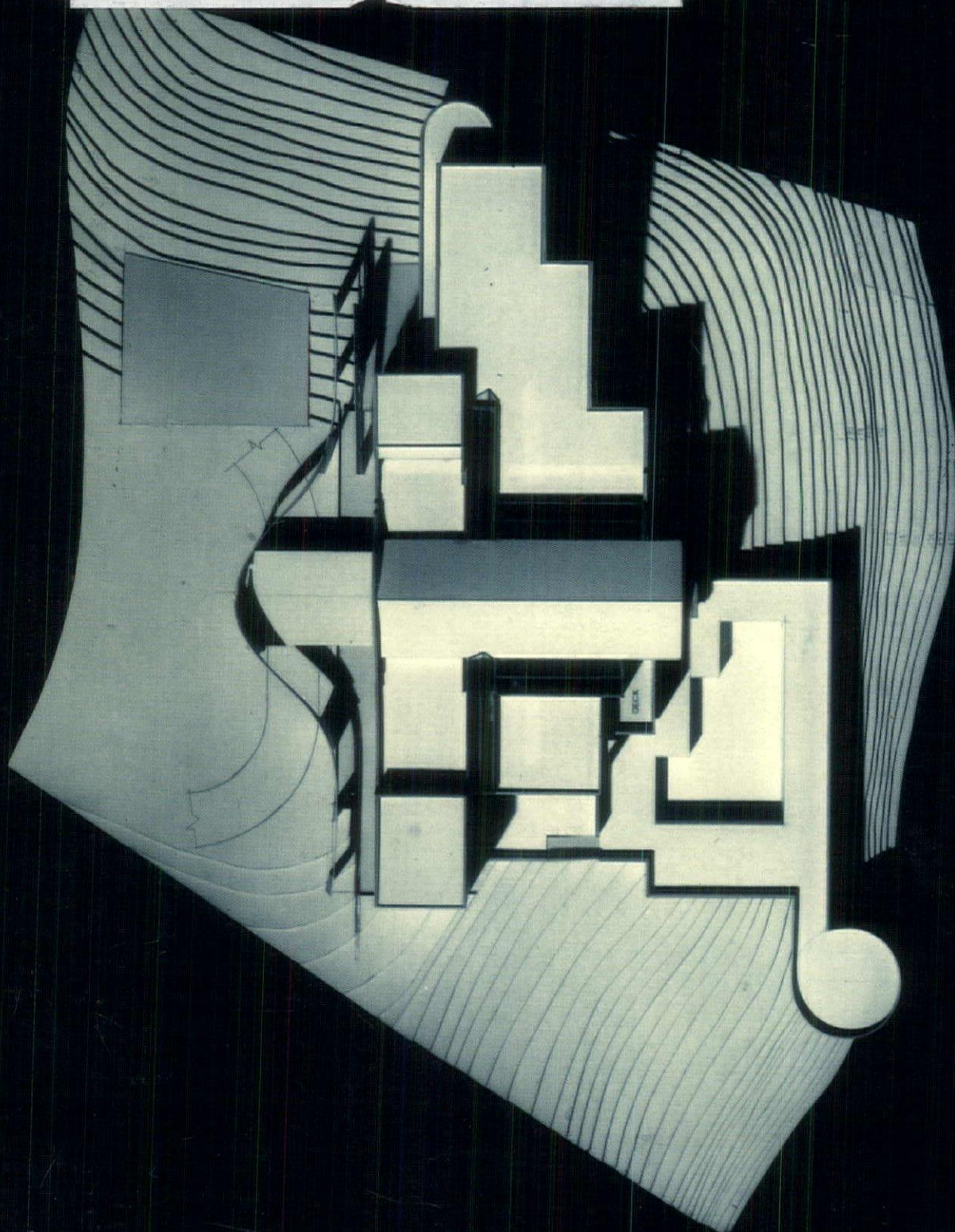


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C.M.S.S. Architects

COVER

On our cover is a model of the Private Residence in McLean, presented on page 12 of this issue by Thomas G. Georgelas & Associates, P.C.—Architect.

architectonica

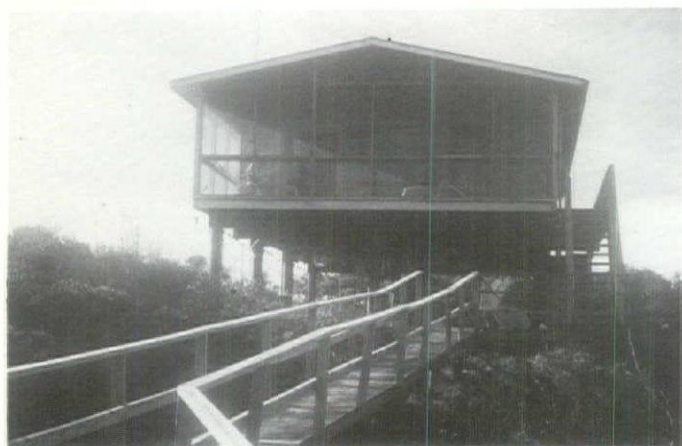
'Housing by the Bard'



Mor-mor's Swedish girlhood farmhouse near Trollhatten, which projects unwritten history . . . of Trolls.



The 19th century wooden Washington Street house in Thomasville, Georgia which has the image of Home.



The beach house on Dog Island, which echoes with laughter.



The so-called Bard's Birthplace, which never the less is genuine.

First the infant, bound to a padded, walled and
Roofless box, canopied o'er with jiggling plastic
butterflies, shared with a fuzzy bear, and reeking
Clouds of talk and ammonia. Zounds!

* * *

The toddler next upon the scene, trailing his clacking
Centipede. He's intermittently dropped into his barred
Enclosure by his Ma, too pooped to cope. Cage floor's
Invisible beneath a mound of geometric trash.

* * *

And then the child, sharing a room with older sergeant
Sibling. Anxious of dark-time demons and dripping sheets,
Never sure but not intimidated, cocky, curious, eager
Repeating reader of dog-eared picture books.

* * *

Old enough to dwell in one's own closet cell, 'mid
Private thoughts and posters popular upon the walls.
The teen-aged denizen spends long tormented hours, contemplating
Ruefully the horrid mirror and its lies.

* * *

When once released from home, and far from all the
Rash reminderings of parents, blossoms forth the Man;
(Or woman if that case)—The dormitorian student, bloats
On junk foods, dotes on hunk dudes, longs for quiet now and then.

* * *

Once sprung from academia then, the group house offers
Urban sociability, economies, and opportunity, where
Kitchen duties interfere with yuppy love, and life-long
Friendships bloom.

* * *

Or view the bachelor pad apartment too, so lonely
Yet so full of false bravado, boasts, and beer. Where
Laundry clean becomes an act gargantuan, and all
the aspidistras withereth and die.

* * *

But transmutation comes; the pad becomes a home in
Tune with wedding bells, and lo, we see new domesticity
And order too, the furnishings are joyous song and vast imaginings.

* * *

What have we here? An heir, with all the baggage
Parenthood demands. More space! This cramped hovel here
Will do no more. Be off with us to mortgage land anon!

* * *

Tad two and trey appear, the family grows apace; additions
Sprout upon the Basic House, and dusty attics change
To decorator lofts. The roof begins to leak.

* * *

A second nest then often comes to pass—a yacht perhaps;
A mountain cabin near the lift; and sandy shack upon a sandy shore,
Where bad romantic novels oft are read and writ and lived.

* * *

And just when all is ripe and full and fun the kids are gone.
The bedrooms empty out. The grass grows high. The stairs are
Steep. The paint is flaking off, and memories soon inhabit
More than flesh. 'Tis then we go a-traveling.

* * *

So let us find our perfect condominium, that compact
Place which shelters taxes too, as well as homo sapiens,
And framed photography upon the clavier's lid.

* * *

Afraid of future terrors, some will buy a life-long certitude,
Where, swapped for nigh the ransom of a lord, the
Home provides till all is turned to dust—
Clean sheets, clean nooks, clean bank account.

* * *

And so it goes, as strength and will depart,
So does our need for space and all the artful artifacts
of eighty springs. Give but a bed, close by a bath,
With nurses near. Sans Teeth, sans ganglia,
Sans enervating work, sans joy, sans everything.

Eason Cross, Jr., FAIA

<< COMMENTARY >>

by Marvin J. Cantor, AIA

Housing — Government or Private Enterprise?

The most elemental form of the built environment is housing. Long before man needed temples of worship, temples of banking, office buildings, factories and the like, man needed a roof over his head. You would think then, with this long period of experience, that society would finally know how to successfully tackle this segment of design. Not so!

Government has probably been responsible for larger, taller and more ill-designed housing than any other single entity. Prerequisites for government designed or influenced housing seem to include as absolutes—monotony, reduction of human dignity to a non-entity, and an absurd sense of scale. The epitome of this school of design was reached in the early 1960s with the St. Louis Pruitt-Igoe low income housing development. After much ballyhoo at its inception,

new "skip-floor" design, ultimate in "social" programming for the disadvantaged, etc., it began a slow steady decline to its eventual denouement. Near its end, a series of ludicrous proposals were made to ostensibly re-introduce human scale. I remember one particularly interesting solution where the top five floors of the 15-story structures would be demolished—the rubble spread around the perimeter of the structure to serve as a base for earth fill to form a mound approximately five stories high. Result? A new five-story building out of an existing 15-story building. This may have been the straw to break the camel's back, leading to the final decision to raze the entire totally socially and functionally unacceptable structure.

Lest private enterprise sit back and revel in its self-imposed smugness, one need only take the

new tourist trip through New York's South Bronx or mid-Brooklyn and view block after block of vacant, burnt-out six-story and mid-rise apartment buildings that private industry couldn't save, maintain or encourage use of. The once proud monarchs of the Grand Concourse, Bedford Avenue and Morris Avenue (this dubious honor roll goes on and on) were left to the arsonists, drug dealers and drug users before being totally bombed out, burnt out or just razed!

If architects can be instrumental in designing multiple housing that would make the residents, the owners, the landlords, the government and the neighbors all proud to keep such buildings from the claws of the graffiti artists and the slumlords, then architects indeed can become the new saviours of man's built environment.

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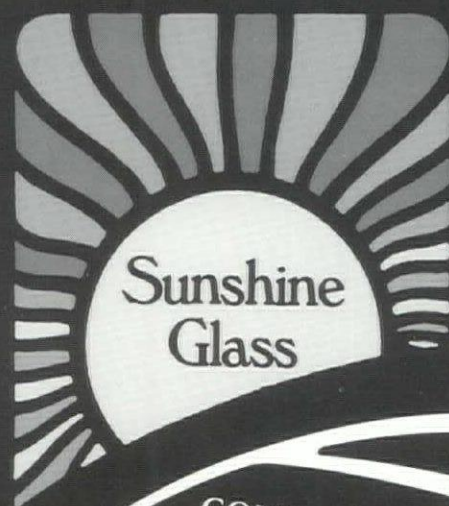
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VIRGINIA SOCIETY AIA NEWS

The AIA Elects David P. Reynolds To Honorary Membership

David P. Reynolds, chairman of the board and chief executive officer of Reynolds Metals Company, has been elected an Honorary Member of The American Institute of Architects, headquartered in Washington, D.C.

Reynolds and 11 other individuals will receive their Honorary Memberships during the 1985 AIA National Convention in San Francisco, June 9-12.

Reynolds, a leader and innovator in the aluminum industry for over 40 years, "has made significant contributions to the cause of architecture, the arts and the environment," said his nomination.

"From his early leadership in urban renewal efforts to his advocacy of recycling materials, he has demonstrated a consistent concern for our environment. He was instrumental in establishing the earliest international award for distinguished architecture, the R.S. Reynolds Memorial Award for Distinguished Architecture, presented annually since 1957; as well as the Reynolds Aluminum Prize for Architectural Students, presented annually since 1961. Both awards enhance the public appreciation of architectural excellence around the world."

According to the nomination, Reynolds Metals Company, under the leadership of Reynolds, has introduced "a host of innovative and high-

quality aluminum products and applications for the building and construction industry."

Reynolds Metals Company was also one of the first basic materials companies to become involved in urban renewal and development, sponsoring and building several projects around the country. "Today, the combined impact of Reynolds and other companies that followed it into urban renewal has greatly accelerated and expanded the transformation of slum neighborhoods and archaic downtown areas into modern healthy environments," said Reynold's nomination.

Reynolds pioneered consumer recycling of aluminum, especially aluminum cans. Can recycling is now a major industry. Reynolds began advocating the recycling of materials in the early 1960s as a solution to the nation's problems of litter and resource depletion. He even built a home completely of recycled materials to demonstrate their marketability.

Besides helping to establish the R.S. Reynolds Memorial Award and the Reynolds Aluminum Prize for Architectural Students, he helped set up the R.S. Reynolds Memorial Award for Community Architecture. Awarded from 1967 through 1976, it recognized the design of a community in which architectural planning and design had made a significant contribution. These awards "have been a hallmark of corpo-



David P. Reynolds
1985 AIA Honorary Member
(Karsh, Ottawa photo)

rate commitment to expanding public information and awareness of quality architecture," said his nomination.

Reynolds, a graduate of Princeton University, lives in Richmond.

Eight of the 11 other individuals receiving Honorary Membership in the AIA are from the general public. They are Michael L. Ainslie, president and chief executive of Sotheby's Holdings Inc.; U.S. Senator Alfonse M. D'Amato (R-N.Y.); James P. Groton, Atlanta attorney; U.S. Senator Claiborne Pell (D-R.I.); Mayor William Schaefer of Baltimore; Dr. James and Mrs. Mary D.B.T. Semans, North Carolina philanthropists, and writer and artist William Walton.

The three Honorary Members elected from the AIA staff are Francis X. Brown, administrator of convention, conferences and special events; Donald Canty, editor in chief of *Architecture*, and Ronald J. Panciera, administrator of systems management.

Dean Hilfinger, FAIA, of Bloomington, Ill., chaired the AIA Jury for Honorary Members, with William A. Rose Jr., FAIA, of White Plains, N.Y., and Leroy E. Bean, AIA, of Petaluma, Calif., serving as jury members.

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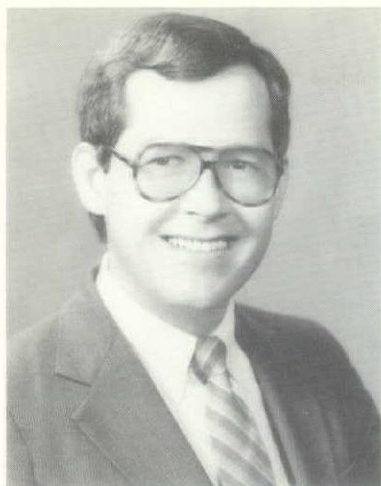
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Osborne Leaves Virginia Society of Architects



Thomas L. Osborne

Thomas L. Osborne, Executive Vice President of the Virginia Society of the American Institute of Architects (AIA), has resigned that position effective April 30, 1985. On May 1, he became

Executive Director of the Southeastern Independent Oil Marketers Association (SEIOMA), headquartered in Atlanta, Georgia. SEIOMA is a 12-state regional trade association representing the interests of non-major-brand retailers of gasoline and petroleum products.

The Virginia Society AIA is the statewide professional association for licensed architects and for those preparing to become licensed. Headquartered in the historic Barret House in downtown Richmond, the Society's purposes include promoting the continuing education of its members, representing the profession to state governmental agencies, and assisting the public with information about architects and architecture.

During Osborne's tenure of slightly over five years, the Society has grown from 650 to nearly 1,250 members, has nearly tripled its annual budget, and has added a wide range of new programs and services to its membership and to the general public.

The committee formed by the Society to select Osborne's successor hopes to have the position filled by July 1.

COMPETITIONS AND AWARDS



W. Cox photo

Centers of Excellence Award Goes to Richmond Firm

SWA Architects, Inc. of Richmond has been given the Centers of Excellence Award by the National Mall Monitor for the design of Celebration Station Mall in Roanoke. Celebration Station's award was for the category of outlet centers under 200,000 square feet.

According to the National Mall Monitor Celebration Station's design "captured its name." Through the use of bright festive banners, glass block, and classically detailed columns, a bright and colorful shopping environment was created. The Mall, owned and developed by Area Corporation of Richmond, opened in October 1984 and contains 30 stores, six international food pavilions, and six kiosk spaces. Mark Lindsey served as project manager for Celebration Station's design.

Celebration Station is one of three retail outlet centers designed by SWA. The firm is currently serving as both architect and developer of a 160,000 square foot train station into the Marketplace at Main Street Station in downtown Richmond, a similar outlet mall project.

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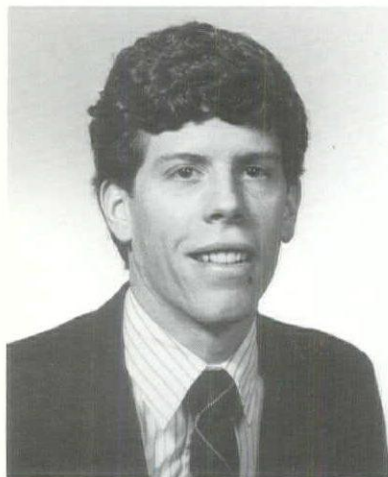
Michel Ashe (left) and William Walsh (far right) of Walsh Ashe Associates, Inc., recently presented a bronze plaque award to Virginia Beach Mayor Harold Heischöber for their design of the Pavilion arts and conference center in Virginia Beach.

The award was from the Virginia Society of the American Institute of Architects for one of the 11 best architectural designs in the state during the past five years.

Pavilion is the only building in the Hamoton Roads region that was cited for the Society's biennial Design Awards.



PERSONNEL AND OFFICE ACTIVITIES



William F. Crigler, Jr.

William F. Crigler, Jr. Joins Rancorn, Wildman and Krause

William F. Crigler, Jr. has joined the Landscape Architecture Department of Rancorn, Wildman and Krause located in Newport News.

Mr. Crigler is experienced in both landscape architecture and community planning. Since joining RWK he has been involved with the design of a 30-acre housing and recreational project in Williamsburg.

He was previously employed by the Planning Departments in Chesterfield County and the City of Williamsburg.

TDFB Announces Two Promotions

Torrence, Dreelin, Farthing & Buford, Inc. (TDFB), a Richmond-based engineering and architecture firm, has announced the promotion of a staff engineer and a staff architect to fill two newly-created positions of Project Manager. Thomas E. Simpson, PE and Lanny N. Mahone, AIA will take up their new management duties, effective immediately.

Mr. Simpson, a 1977 Virginia Tech graduate, has a background in mechanical engineering, with a special emphasis on energy conservation and management. His experience in project management includes the supervision of contracts with various federal agencies and utility companies.

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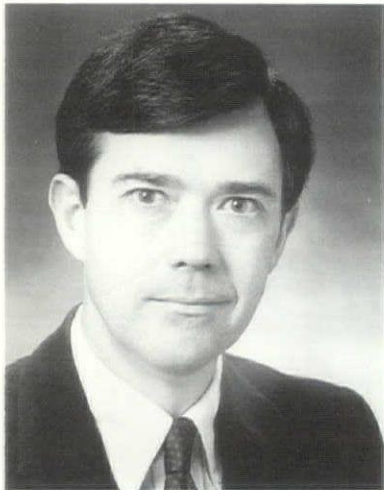
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institutional and industrial facilities. He has been with TDFB for one year.

Mr. Mahone has been with TDFB since 1965. During that time he has moved from draftsman, to staff architect, to Assistant Director of Architecture and Principal of the firm. During his tenure with the firm, he has been responsible for the design, coordination and management of numerous architectural and multi-discipline projects.



D. Dennis Duff, AIA

Richmond Firm Relocates Offices

The Richmond-based firm of Marcellus Wright Cox & Smith Architects, P.C. has moved their offices to 100 Shockoe Slip, Richmond, Virginia 23219.

The move was effective April 19, 1985. The firm's new telephone number is (804) 780-9067.

Virginia Beach Firm Adds Principal—Changes Name

Dills • Ainscough & Associates is pleased to announce that D. Dennis Duff, AIA has joined the firm as a principal.

The firm will continue to offer Professional Services for Architecture, Planning and Interior Design under the name of the Dills • Ainscough • Duff Partnership.

Dennis holds a Bachelor of Science degree from the University of Kansas and a Bachelor of Architecture degree from the University of Oregon. He is actively involved in the Tidewater Virginia Chapter, of The American Institute of Architects as the Vice-President/Program Chairman.

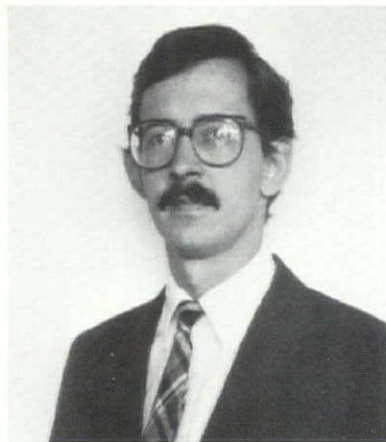
As an architect Dennis has been involved with office, commercial, health care, residential and military projects throughout the mid-Atlantic states, Europe and Iceland.

SWA Architects Appoints New VP

Robert E. Comet, Jr., AIA has been appointed vice president of SWA Architects, Inc., a Richmond based architectural firm. Mr. Comet will direct the firm's business development activities.

With an undergraduate degree from the University of Virginia and a Master of Architecture from the University of Michigan, Mr. Comet has been with SWA since 1979. He has been an Associate of the firm for the last two years and is a registered architect in the state of Virginia.

One of Mr. Comet's chief objectives will be to promote the firm's strengths in multi-family housing, office buildings, retail facilities and renovation. One current project is the 10 million dollar renovation of the historic Main Street Station in Richmond into an urban shopping center.



Robert E. Comet, Jr., AIA

CORRECTION

In addition to the wall insulation, for which they were credited, Sea Shores Insulation Co. Inc. of Point Harbor, NC, provided the Suspended Acoustical Ceilings in all units of the Pirates Quay Shopping Center, featured in our March/April 1985 issue.

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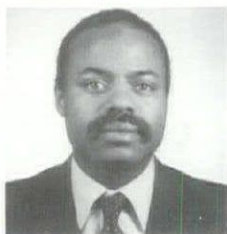
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CARL F. PURDIN, Associate
James River Chapter
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MICHAEL P. FOTOPOULOS, Associate
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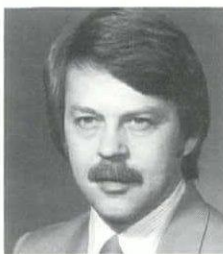
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phy, Jon R. Kline.

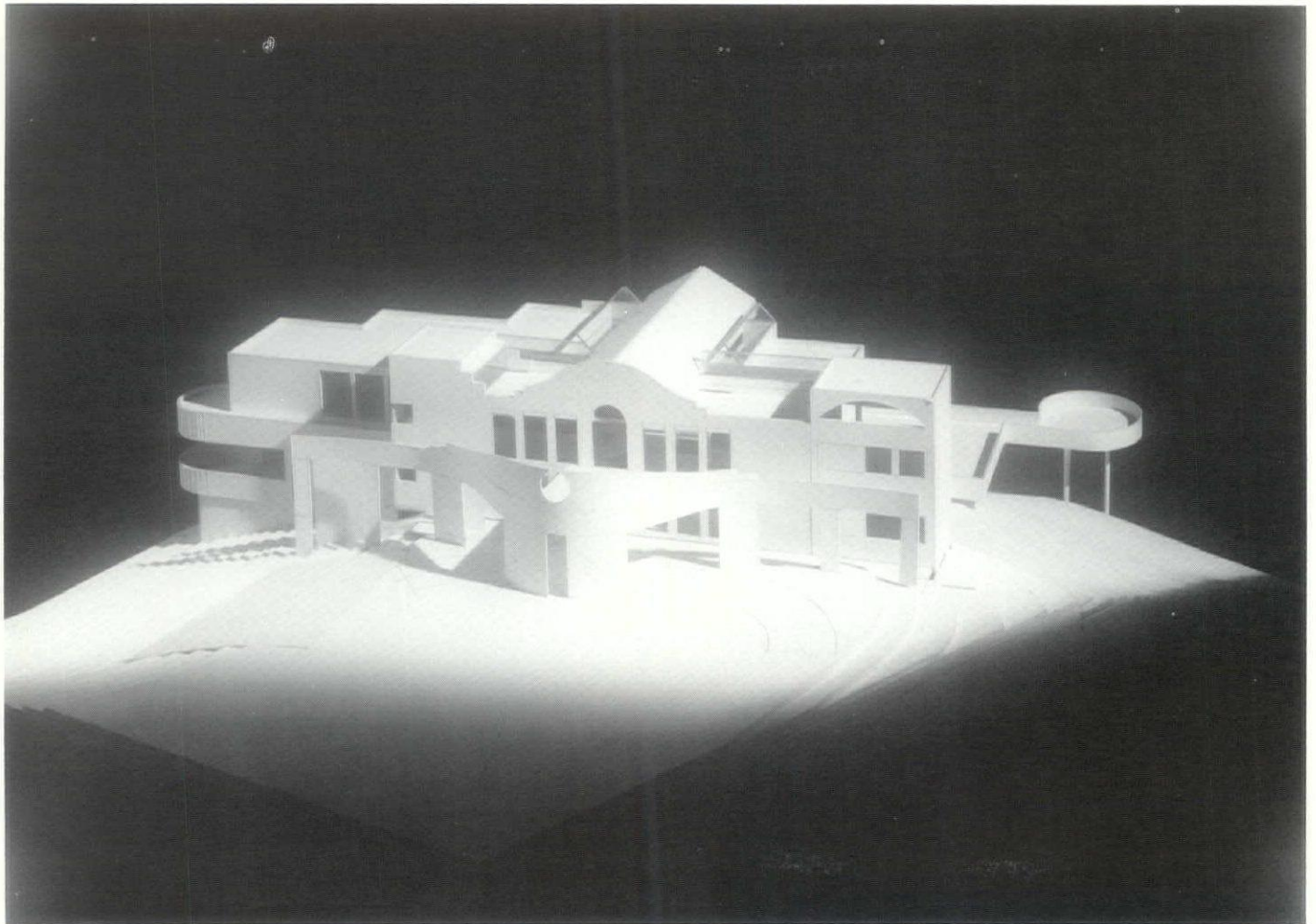
The client, a constantly traveling middle-eastern businessman, assembled three one-acre Potomac River front lots for his Washington home. The assemblage provided a site on a promontory 100 feet above the Potomac and an orientation that enjoys long vistas up-river.

The design solution takes advantage of the River views while satisfying the need for privacy



from the close-by public street on the entry side of the residence.

Entry is effected by passage through layers of structure symbolic of the walled villas of the Arabian Peninsula. Inside the structure, the interior spaces were ordered around courtyards and pathways that provide the illusion of traditional Arabic designs. However, the mix of







"pieces of space" occurs totally inside the residence with the illusion of outdoor space infused between indoor space.

John G. Georgelas & Sons, Inc. of McLean was general contractor and handled foundations and carpentry.

W. T. Weaver & Sons, Inc., Washington, DC, hardware supplier.

And, Edgar K. Jones Jr., Inc., Arlington, plaster contractor & gypsum board contractor; Weller Tile & Mosaics, Inc., Ashburn, ceramic tile; Franklin Marble & Tile Co., Capitol Heights, MD, special flooring; GERAL T. Foster, painting contractor; Lewis Swimming Pool & Construction

Co., Inc., Chantilly, swimming pools; Groves Plumbing & Heating Co., Herndon, plumbing fixture supplier & plumbing contractor; Raul Associates, plumbing fixture supplier; Jones/Rogers, Inc., Vienna, heating/ventilating/air conditioning contractor; Dominion Electric Supply Co., Arlington, lighting fixtures supplier; and E. R. Appleton Electric, Inc., Great Falls, electrical equipment supplier & electrical contractor.

SUBCONTRACTORS & SUPPLIERS

L. W. Jager & Co., Inc., Vienna, excavating; Gardens International, Inc., Rockville, MD, landscaping materials & landscaping contractor; Annandale Asphalt & Paving Corp., Alexandria, paving contractor; Springfield Concrete Construction Co., Inc., Springfield, concrete contractor/supplier; Sheats, reinforcing; Kelly's Masonry, masonry contractor/supplier & mortar; Kings Mountain Brick, Kings Mountain, NC/L. C. Smith, Inc., Alexandria, masonry manufacturer; Hamilton Iron Works, Inc., Woodbridge, steel supplier/erection; and Bethesda Iron Works, Inc., Rockville, MD, miscellaneous metal & handrails.

Also, R. D. Bean, Inc., Beltsville, MD, built-up roof; Dex-a-Tex, roof deck & other roofing; Davenport Insulation, Inc., Springfield, roof/wall/foundation insulation; Arlington Woodworking & Lumber Co., Inc., McLean, structural wood; Herndon Lumber & Millwork, Inc., Herndon, structural wood, millwork & wood doors; Contract Kitchen Specialists, Inc., Beltsville, MD, cabinets & equipment; Bethesda Asphalt & Bituminous Co., Rockville, MD, waterproofing; Duron Paints, Beltsville, MD, caulking & paint supplier/manufacture; Tom Jones Hardware Co., Inc., Richmond, sheet metal; Pella Virginia, Inc., glass, glazing contractor & windows; and

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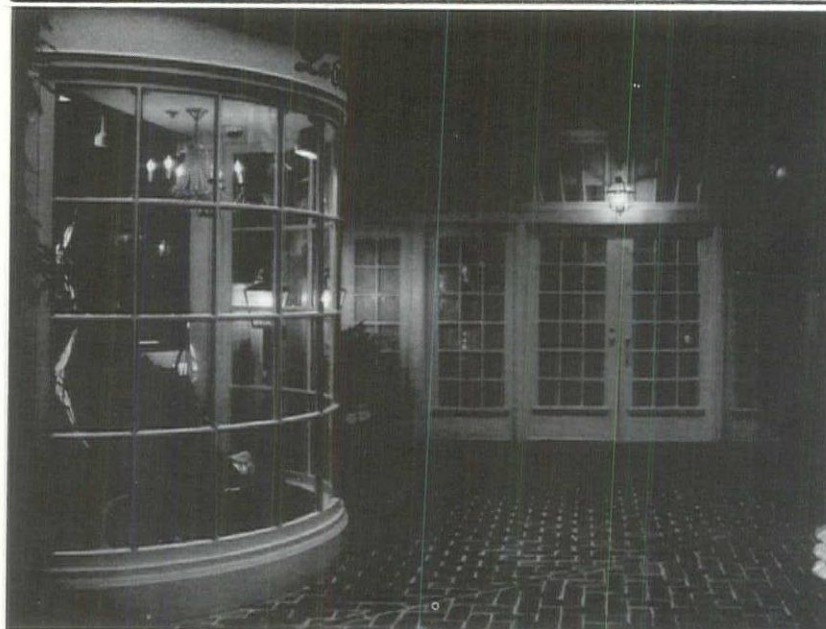
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Canterbury Center

The Design Collaborative—Architect

Location: Norfolk

Project Architect/Designer, Edward G. Lazon, AIA • Interior Designer, Candace Altschul • Site Engineer/Surveyor, C. Alan Bamforth • Electrical Engineer, Webb Chandler • General Contractor, Meredith Construction Co., Inc. • Photography, John M. Ritger.

The Canterbury Center for Campus Ministry at Old Dominion University opened August 27, 1984. Sponsored by the Episcopal Diocese of Southern Virginia, it houses a variety of activities for students of all denominations and religions. "We are open to anyone and everyone," offered Chaplain David LaSalle, who was busy during much of the summer helping foreign exchange students get settled into their new quarters around the campus.

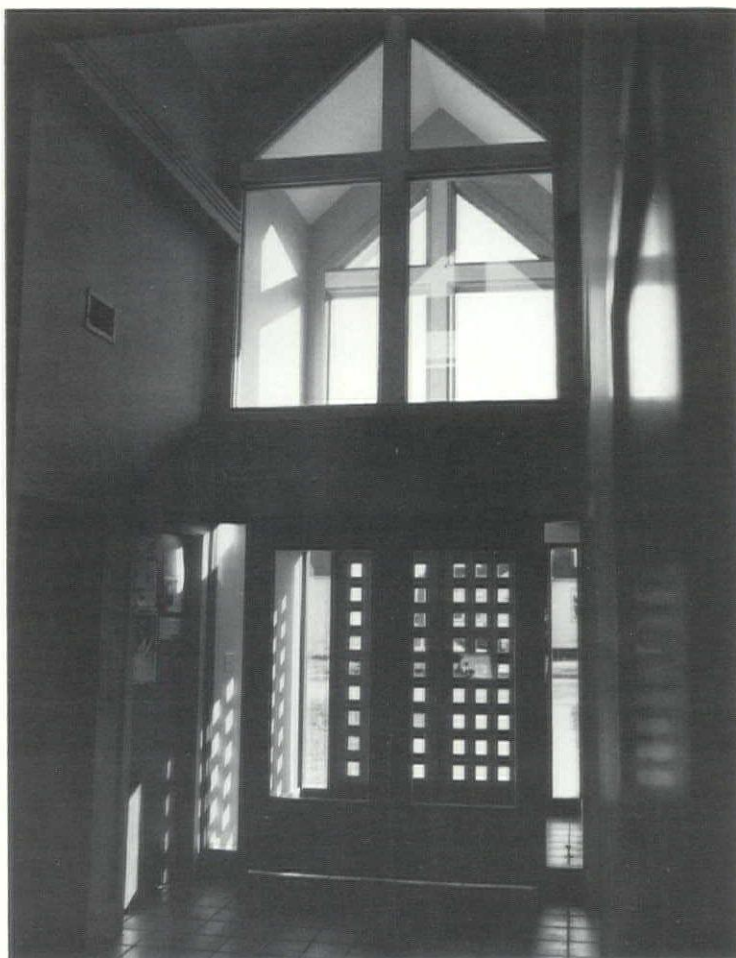
The size and shape of the building were dictated by the dimensions of the property and a desire to reserve land for a future building. The Diocese bought two houses which contained a "paper street" between them, that is, a street that was to have been paved but was never completed. However, by buying the two lots and the rights to the street from two neighbors, the Diocese acquired the land where the street would have been to erect their 3,700 square foot Center. The two wood frame houses already existing on the lots provide rental quarters for seven students.

The one-story building is scaled to the residential neighborhood of one- and two-story houses, and the large gabled entrance recalls those of surrounding structures. An unadorned cross under the gable is painted green to blend with the roof and trim. Exteriors of brown brick and painted wood trim are highlighted with green mortar between the bricks, matching the trim. The ecclesiastical identity of the Center is clear, yet it is in harmony with the adjacent houses.

Inside, the building contains a living room with large, south-facing windows and a fireplace where faculty, students and administrative staff may meet informally for conversation and fellowship. A great room of 1,500 square feet on the north side serves many purposes such as social hall for special dinner parties, lectures, dances and other large gatherings, as well as games and services of various types. There is also a study, chapel, kitchen, and offices for the chaplain and administrative staff.

The facility is used frequently during the day, and the natural daylight brought in by south-facing windows, clerestories and skylights reduces the electric lighting load considerably. The rooms feel larger than they really are because of the high ceilings and natural lighting. Indirect electric illumination provided by six high-intensity discharge lights in the great room has much the same quality as daylight. Operable windows throughout the building and strategically placed skylights help fill the building with fresh air and sunshine.

An innovation in the roof line boosts the daylighting. Both the north and south roofs slope up



toward the center, but instead of meeting at a point, are separated by a flat roof between the two, allowing a south-facing clerestory directly behind the separation. This clerestory lights the great room. A north-facing clerestory opposite lights the living room, chapel and study.

The Center is located on 49th Street, a campus boundary of the University, and is visible from the nearby student housing facilities. About 500 faculty, administrative staff and students use the center on a regular basis.

Meredith Construction Co., Inc. of Norfolk was general contractor and handled excavating,

concrete work, foundations, roof deck, wall and foundation insulation, carpentry, structural wood, millwork, paneling and cabinets. The firm also handled waterproofing, caulking, and painting.

SUBCONTRACTORS & SUPPLIERS (Norfolk firms unless noted)

Winn Nursery, Inc., landscaping contractor; Winkelman, Inc., paving contractor; Hall-Hodges Co., Inc., reinforcing; Capital Concrete, Inc., concrete supplier; S & R Masonry Co., Chesapeake, masonry contractor; Chesapeake Steel, Inc., steel supplier/erection/joists/roof deck;

and National Roofing Corp., Suffolk, built-up roof, other roofing & roof insulation.

Also, Nelson & Smith Co., Inc., Chesapeake, sheet metal & heating/ventilating/air conditioning contractor; PPG Industries, Inc., glass, glazing contractor & storefront; Door Engineering Corp., metal doors & frames, wood doors & hardware supplier; Pella Virginia, Inc., windows; Werner-Thompson Construction, Virginia Beach, gypsum board contractor; Jayen Tile Corp., ceramic tile, resilient tile & carpet; William E. Brown Corp., Virginia Beach, acoustical treatment; E. B. Sams Co., Inc., plumbing fixture supplier & plumbing contractor; and Beach Electric Service, Virginia Beach, electrical equipment supplier & electrical contractor.



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Location: Reston

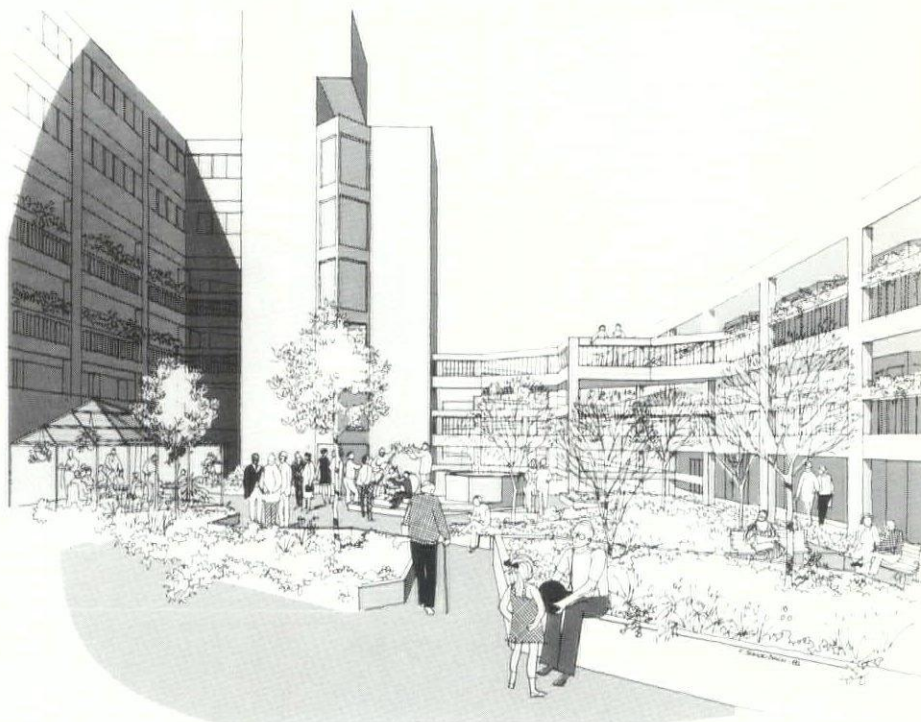
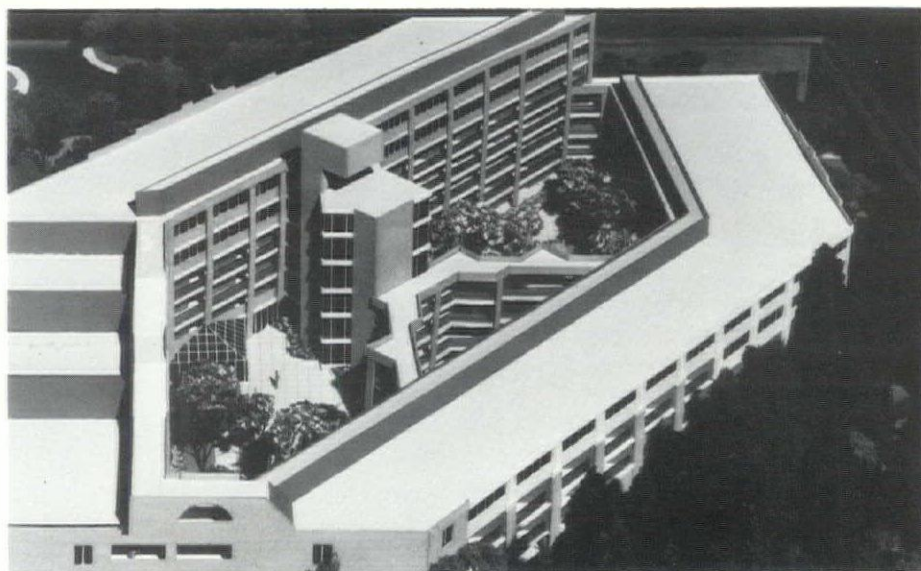
Landscape Architect, Mortensen Associates • Interior Designer, The Design Studio • Site Engineer/Surveyor, Runyon Dudley & Associates • Structural Engineer, Guldu & Fernandez, P.C. • Mechanical Engineer, Mendoza, Ribas & Associates • Electrical Engineer, Peri and Associates • Geotechnical Engineer, Atec Associates, Inc. • General Contractor, Glen Construction Co. of Virginia, Inc. • Photography, Harlan Hambright.

This 175,000 square foot 133-unit luxury retirement condominium is located on a site of approximately 2½ acres near Lake Thoreau in Reston, Virginia. It is being sold to active individuals of 55 years of age or older, who typically will be moving from larger residences.

This contemporary brick building steps down from seven stories to three creating a series of roof terraces while visually "scaling down" the exterior. The diamond shaped building's four connected wings surround an open, central courtyard. Each residence at Thoreau Place opens onto a covered walkway that overlooks this courtyard. The design concept behind the open central courtyard was to create a secure, interesting and animated central focus for all the residents.

The courtyard is comprised of two separate open-air plazas. The upper courtyard, with its "greenhouse" cafe, fountain, shade trees and benches invites property owners to enjoy a neighborly visit or maybe listen to a visiting music ensemble perform on the courtyard stage. The lower garden courtyard is accessible from the upper area by elevator or stairs and invites a quieter use. Water from the upper fountain courses its way down gently, into a reflecting pool on the lower level. Shade trees create a canopy covering seated alcoves. Raised planter beds where residents can grow their own gardens invite a village atmosphere.

With the help of an advisory panel comprised of Reston senior citizens, Environmental Design Group designed an elderly housing facility that will meet the changing needs of the residents as they move from their 50s into their 80s and 90s. For example, all of the doorways are wide enough for wheelchairs. One row of kitchen cabinets can be easily removed to provide enough space to maneuver a wheelchair. Besides the kitchens in each of the apartments, the building also has a much larger common kitchen. Initially, it will be used for an optional light food and beverage service for the residents. In



future years, that same facility can be used for full meals if the condominium association members decide that is what they want.

The building's other amenities include a large multi-purpose area, a holistic health center, underground parking for 72 vehicles, and a state-of-the art security system.

Glen Construction Co. of Virginia, Inc. is general contractor for the project. The firm's Masonry Division acted as masonry contractor, and its Site Division handled courtyard concrete, curb and gutter.

SUBCONTRACTORS & SUPPLIERS

S. W. Rodgers Co., Inc., Manassas, excavating; Chapel Valley Landscaping Co., Woodbine, MD, landscaping contractor; Tri-County Asphalt Co., Chantilly, paving contractor; Miller & Long Co., Inc., Bethesda, MD, concrete contractor; Hallmark Iron Works, Inc., Newington, miscellaneous metal; Beta Construction Co., Forestville, MD, roofing, roof insulation & waterproofing; Sherman & Goins Co., Inc., Silver Spring, MD,

wall insulation & gypsum board contractor; and Davenport Insulation, Inc., Springfield, foundation insulation.

Also, Gallimore, Inc., Pulaski, carpentry; Tri-Pak, Beltsville, MD, millwork & cabinets; Howe Caulking & Restoration Co., Alexandria, caulking; Service Glass Industries, Inc., Frederick, MD, glass, glazing contractor & storefront; Swingin' Door, Inc., Rockville, MD, metal doors & frames; Arlington Woodworking & Lumber Co., Inc., McLean, wood doors; Binning's Building Products, Kensington, MD, windows; Builders Hardware Corp., Rockville, MD, hardware supplier; B & F Ceramic Tile, Inc., Springfield, ceramic tile; Sterling Carpet Shops, Inc., Sterling, carpet & special flooring; Madison Coating Systems, Inc., Davidsonville, MD, painting contractor; and Sears Contract Sales, Bethesda, MD, residential equipment.

And, Dover Elevator Co., College Park, MD, elevator; United Sprinkler Co., Inc., Alexandria, sprinkler contractor; Krick Plumbing & Heating, Inc., Hyattsville, MD, plumbing contractor; Ait-

ken Co., Inc., Rockville, MD, heating/ventilating/air conditioning contractor (high efficiency ComfortMaker Heat Pumps, 9.3 SEER); Hara Electrical Contractors, Inc., Landover, MD, electrical contractor; Alperstein Brothers, Inc., Washington, DC, site improvement; and Lawrence Barnes Co., Inc., Forestville, MD, folding partitions & compactor/waste.

Others are: Dixie Lite-Trol Co., Lexington, KY, drapery rods; Engineered Construction Products, Ltd., Frederick, MD, hopper transom windows; Giganti and Associates, identifying devices/mat; Herb Littman Associates, Ltd., Rockville, MD, food service; The Mat Works, Hyattsville, MD, entrance mats; Lawrence H. Musser, Gaithersburg, MD, seed/sodding; Overhead Door Co. of North Washington, Beltsville, MD, alum./garage door & coiling grilles; Ownsen & Dove, Inc., Merrifield, site utilities; Rudd's Pest Control, Inc., Annapolis, MD, soil poison; Schultz & Mellits, Inc., Bowie, MD, fire extinguisher & cabinets; Steel Products, Inc., Rockville, MD, toilet accessories & rolling wood grille; and Wee Line It, Rockville, MD, line striping.



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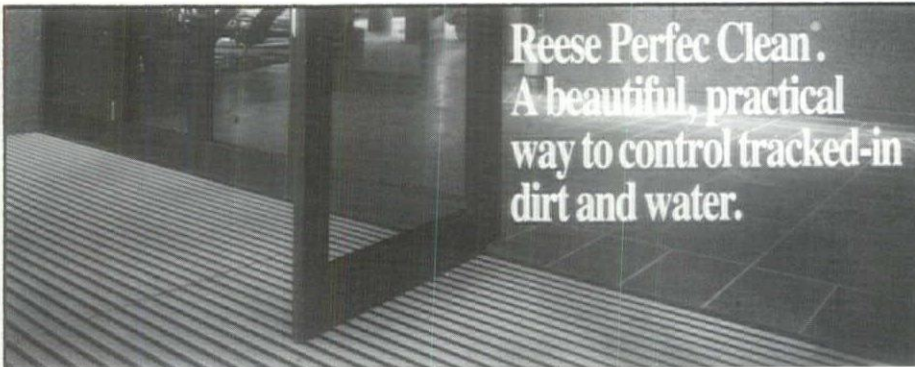
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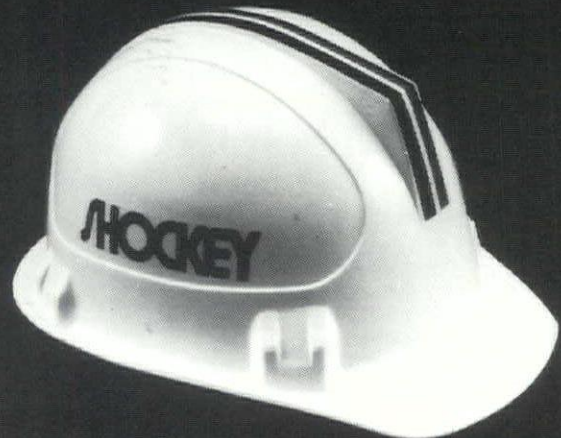
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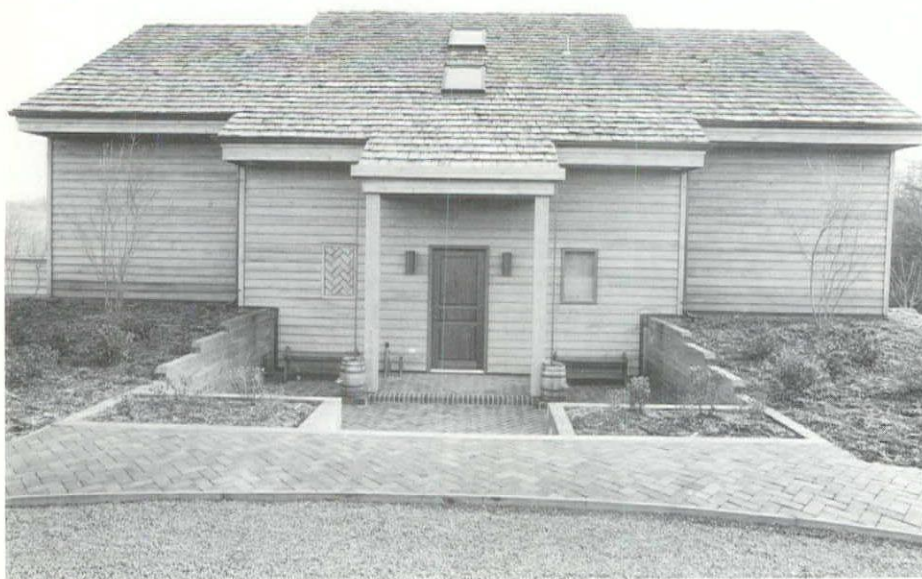
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Solar II

William A. Edgerton, AIA & Associates—Architect

Location: Albemarle County

Project Architect/Designer, Wm. A. Edgerton, AIA/Geo. T. Butler, III, AIA • Landscape Architect, Rieley & Associates • Structural Engineer, Dunbar, Milby & Williams • Mechanical Engineer, Systems II • Interior Architectural Design, Diane E. Miller • General Contractor, Stage Bridge Company • Photography, Tom Cogill.



Solar II is a three-bedroom custom passive solar residence in Albemarle County. The residence was sited on a southern exposure slope to capitalize on the magnificent view of the "Ragged Mountains" to the south and to allow for earth berming along the northern side of the house.

SOLAR DESIGN FEATURES (Passive & Active)

—Protected Entrance—The entrance to Solar II is incorporated into an entry courtyard that is well below grade to protect the residence from the cold north winds in the winter months.

—"Air-Lock" Entry—According to recent studies between 10% and 20% of all heat in a residence is lost just in the opening and closing of the front door. A double door "Air-Lock" entry has been incorporated into the plan of the residence to prevent this unnecessary loss.

—Orientation of "Living Spaces" To South—All living spaces (Bedrooms, Kitchen, Dining Room, Living Room, and Loft) are oriented to the south with a maximum amount of glass on the southern exposure to allow as much direct solar gain as possible into these spaces during the winter months. (See plan)

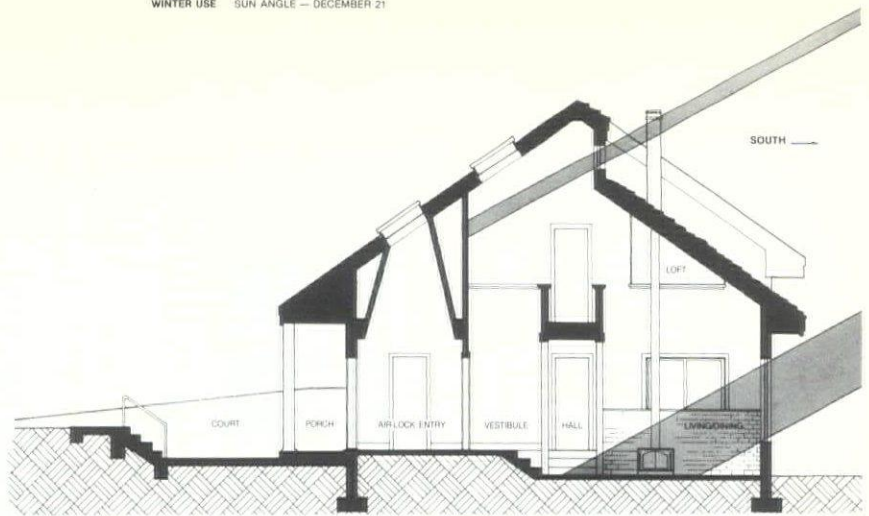
—Tile & Slate Floors on Insulated Concrete Slabs—All of the living spaces have tile or slate floors set on insulated concrete slabs. On the first floor these slabs are 6" thick and on the second level a 2" light concrete slab is used. These floors act as solar collectors and the concrete mass beneath them acts as a means of storing any heat collected during daylight hours. The principle is that heat collected through direct solar gain during daylight hours will be stored in the floors and re-radiated into the space at night when it is needed.

—Overhangs on South Side—The overhangs are projected on the south side so that they will protect the floor slab from unwanted solar gain in the summer but allow a maximum amount of solar gain in the winter. (See section)

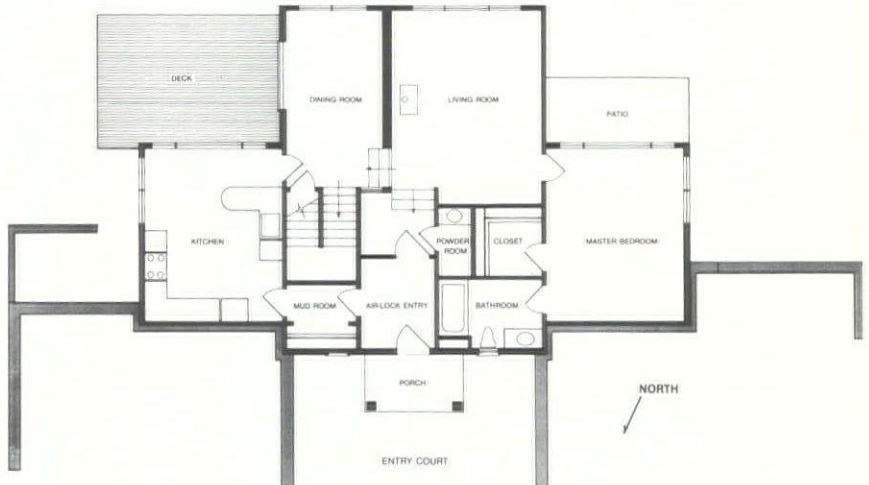
—Minimal Fenestration on North Side—Only one window and two skylights are located on the north side of the residence to prevent as much heat loss as possible during the winter months. All of the mechanical spaces and most of the closets are located along the north side to further increase the insulating capacity of this side of the residence.

—Operable Skylights & Awning Window Units in Clerestory—The window units in the clerestory and all of the skylights are operable so that during the summer months unwanted hot air can be vented from these high spaces. This function allows the residence to be cooled through the convective air currents that would develop when these units are opened during the evening hours of the summer months.

—Ceiling Fans with Reversible Blades—Ceiling fans were included in the living spaces to allow warm air collected in high areas to be forced down and circulated during the heating season. In the cooling season the blades of fans can be manually adjusted to reverse the flow of air and assist in exhausting the unwanted warm air through the clerestory units and the skylights.



—Night Insulation—All windows are equipped with "Window Quilts." These can significantly reduce the heating and cooling needs of the units if used correctly. In general all quilts on south oriented windows should be left open during daytime hours during the heating season to allow the maximum solar gain on the collector/storage system (the floors). At night and during extremely cold, cloudy days these should be left closed to retain as much heat as possible. During the cooling season (summer) the process would be reverse. The quilts on windows oriented to the south would be left in a closed position during daytime hours to shade the storage system. On summer nights all quilts, windows, doors, and skylights should be left



(Continued on page 25)



Tucker Residence

OSC Associates—Architect

Location: Norfolk

Project Architect/Designer, William F. Deal, Jr., AIA • Landscape Architect, Edward G. Carson, AIA • Interior Design, the Owner • Site Engineer Surveyor/Structural Engineer/Mechanical Electrical Engineer, MMM Design Group • General Contractor, Thomas P. Harkins, Inc. • Photography, Don Large.



Tucker House is an 80-unit HUD elderly housing project located in Norfolk. It provides moderate income apartments and a variety of controlled activity spaces for its occupants. The community room provides a multi-purpose activity area. The lounges and veranda provide an area to relax and socialize while the courtyard provides an outdoor area protected and screened from the public street.

Safety features provided include a phone entry system and entry camera allowing the occupants to recognize the visitor on their television before allowing entrance to the facility. The facility entrance is staffed 24 hours each day for occupant emergencies and general operations.

Thomas P. Harkins, Inc., of Silver Spring, MD was general contractor and handled painting.

SUBCONTRACTORS & SUPPLIERS

Edward Gosman & Associates, Inc., Chesapeake, landscaping contractor; Sadler Materials Corp., Norfolk, concrete supplier; Eastman Corp., Virginia Beach, masonry contractor; Addington-Beaman Lumber Co., Inc., Norfolk, roofing & metal doors & frames; Copeland Construction Co., Virginia Beach, carpentry; and Richmond Lumber Co., Inc., Richmond, cabinets.

Also, PPG Industries, Inc., Norfolk, storefront; Interior Systems, Inc., Chesapeake, gypsum board contractor; Bay Tile & Carpet Corp., Portsmouth, resilient tile; General Electric Co., elevator; Krick Plumbing & Heating, Inc., Hyattsville, MD, plumbing/heating/ventilating/air conditioning contractor; and D & M Electric Co., Inc., Virginia Beach, electrical equipment supplier.

Solar II

(From page 22)

open to vent the space and cool the storage systems.

—Added Insulation—The residence was "super-insulated" with 2 x 6 stud walls with added rigid insulation between the studs and the siding. The resulting "R-Factor" is in excess of 40. Particular attention was paid to insulating corners and around door and window units to minimize infiltration.

—Active Domestic Hot Water System—Three active solar hot water panels were incorporated into the design of the residence to provide 100% of the domestic hot water needed. These panels were roof-mounted with a southern orientation.

CONSTRUCTION CREDITS

Stage Bridge Company of Faber, Virginia was the general contractor and handled all layout, supervision, millwork, interior trim, and custom millwork.

SUBCONTRACTORS & SUPPLIERS

(Charlottesville firms unless noted)

R. S. Boyers Heating & Air Conditioning, Inc., Waynesboro, mechanical; Brunk Mechanical Corp., plumbing; Buck Creek Nursery, Faber, landscaping; BWB Electrical-Brad Boozer, electrical; Craftsmen Interiors, Broadway, drywall;

Davenport Insulation, Inc., Harrisonburg, insulation; Telford Dickey, Goshen, block mason; A. G. Dillard Jr. Paving, Inc., paving; Eagle Window Remodeling & Construction Co., Inc., glass & mirrors; Heartwood Design, Inc., Afton, cabinetmakers; Walter Hoffman, Roseland, excavator; Jackson Painting, Waynesboro, painting; Meadow Mt. General Contractors, Lyndhurst, excavator; Richard A. Oliva & Sons, Inc., tile setters; and "Nat" Perkins, Concrete Contractor, Waynesboro, concrete finisher.

Also, L. D. Perry, Faber, septic system; Rockfish Roofers, Afton, roofing; The Solar Group, Inc., window quilts; Adrian Stilson, Shipman, brick mason; Virginia Solar Contracting Services, Ltd., solar; T. Lavender, Amherst, framing & siding; Creative Building Associates, Afton, decks; T. E. Henry Guttering Co., guttering; L. Meadows & Son, Waynesboro, exterior staining; Better Living, Inc., windows & framing lumber; Brandywine Sales, Wilmington, DE, hardware; Charlottesville Appliances, Inc., appliances; Lowe's of Staunton, Staunton, exterior lumber; Maddux Supply Co., plumbing fixtures; Phillips Building Supply, Inc., interior lumber; Allied Concrete Co., brick & concrete; Valley Blox, Inc., Harrisonburg, concrete block; Gaston, Murray & Wyatt, Inc., custom front door; Rockfish Farm Supply, Nellysford, miscellaneous hardware; and Noland Company, plumbing fixtures.

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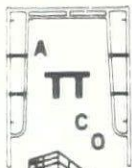
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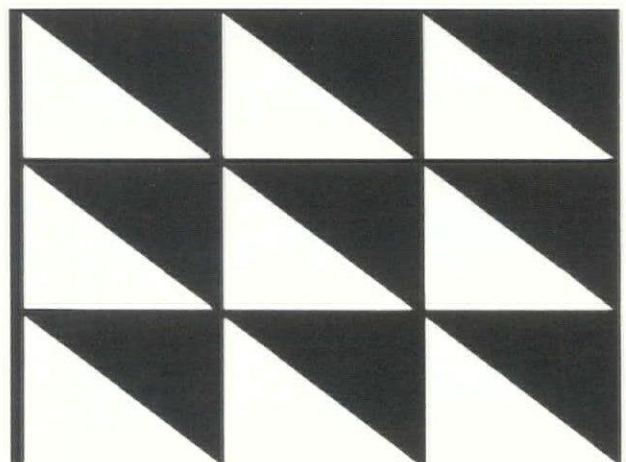
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Sanford Residence

Sheridan, Behm, Eustice and Associates, Ltd.—AIA—Architects

Owners, Dale and Bev Sanford • Location: Mineral, Louisa County

Project Architect/Designer, Michael C. Stevens & Brock C. Eustice • Model Builder, Single-Things, Ltd. • Drawings, Michael F. Schwartz • General Contractor, Dale Sanford and Weints Custom Contracting • Photography, Brock C. Eustice.

This newly remodeled farmhouse is located on a 30-acre site in rolling woodland, among farms in the Cuckoo District of Louisa County, just outside of Mineral, Virginia.

The original house, shed and barn, built in the 1800s, were located on a knoll at the southern end of the property. The barn, constructed using

heavy lumber and dowelled joinery, was partially collapsed and badly deteriorated. The house was in better condition; even though the windows had been removed and the interior finishes were exposed to weather extremes.

The house was constructed of hand-split oak framing, oak lath and plaster with wood clapboard siding on a stone rubble foundation. The interior consisted of one room on each floor, with a connecting stair. There was no indication of interior millwork or relief; and the fireplace at the end of the room on each floor was a simple one.

Both the owner and the architect felt that the existing house was salvable; so a major addition was designed to increase the living space and complement the original residence.

The new two-story addition, which houses the family room downstairs and two bedrooms upstairs, is connected to the original house with a one-story section. This section houses the kitchen, dining room and a galleria/breezeway. The upstairs of the original house became the master bedroom, and a bath and closet were added.

Most of the work is being done by the Sanford family and some of their friends. The foundation work for the new construction and the HVAC was done by others. The air conditioning system uses a high pressure ductwork that allows the small-diameter air supply tubes to be inserted through the existing structural system, eliminating major demolition of the walls and ceilings.

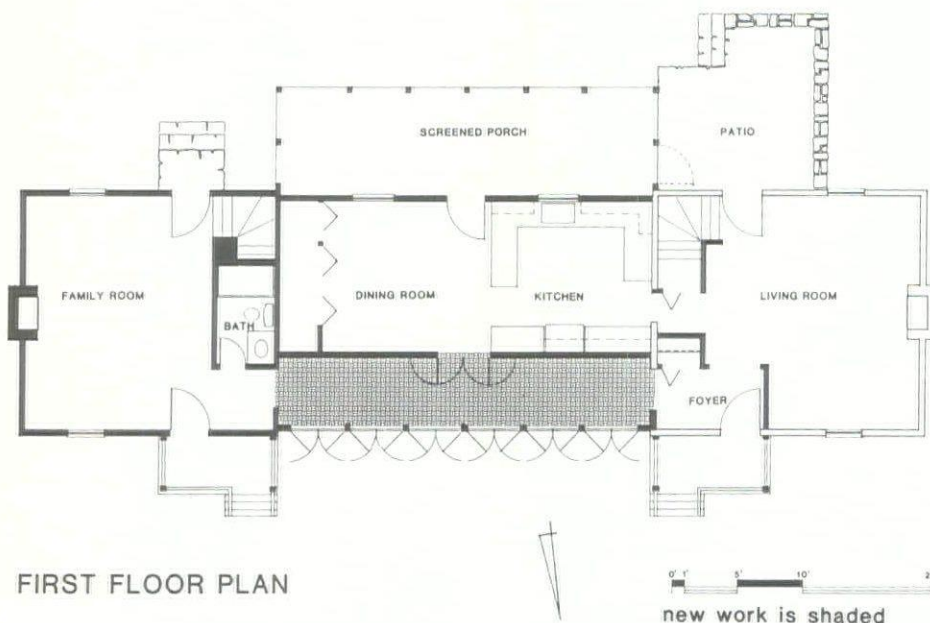
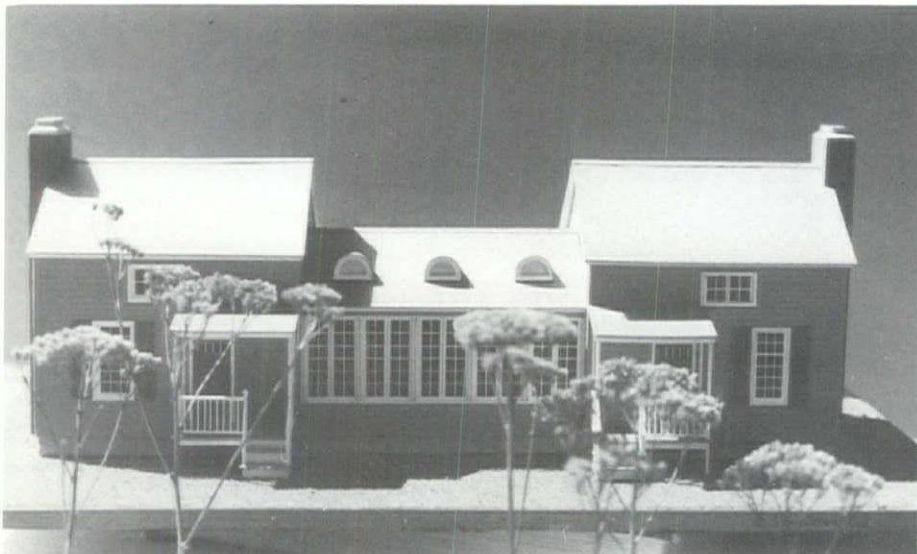
The Barn and Shed were demolished, and the area in front of the house has been cleared for a circular drive among the trees. Final site planning and landscaping will be done during the summer of 1985 at the time of the completion of the renovation/addition. Plans for this include a large garden and, if possible, a small pond.

All of the interior finishes and colors are being selected by Mrs. Sanford. The heavy timbers and some of the siding from the barn will be used throughout the house in keeping with the casual atmosphere of the interiors.

Dale Sanford, the owner, and Weints Custom Contracting of Mineral acted as general contractors.

SUBCONTRACTORS & SUPPLIERS

W. C. Taylor, Mineral, excavating; C. L. Kilpatrick, Alexandria, foundations; Berdine, Inc., Baltimore, MD, air conditioning contractor; and Purcell Lumber Co., Louisa, building materials supply.



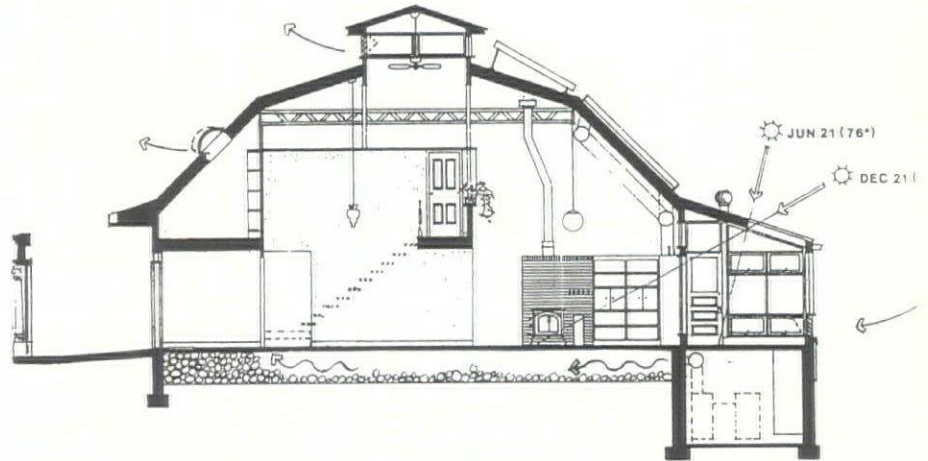
Residence for Mr. & Mrs. Leonard J. Currie

Leonard J. Currie & Associates—Architect

Owners, Mr. & Mrs. Leonard J. Currie • Location: Blacksburg

Project Architect/Designer, Leonard J. Currie, FAIA • Landscape Designer, William P. Bradley • Interior Designer, Virginia M. Currie • Mechanical Engineer, Oliver P. Strawn, Jr. • Recycling, William C. Baumann • General Contractor, Ralph C. Whitlock • Photography, Leonard J. Currie, FAIA.

Neither historical reference nor high-technology were major concerns of the architect in designing this house for himself and his wife. In fact, stylistic criteria were rejected at the outset. Having recently returned to Blacksburg from Chicago, the Curries were eager to build a comfortable and convenient "energy-efficient" house, capitalizing on their notable previous experience with so-called "passive solar" design. This time, they determined that they would incorporate solar collectors and other components of an "active solar" system. As energy





conservation advocates, the designer/owners sought to demonstrate to the public and to potential clients that a "solar house" need not be gadgety or ugly, that an energy-efficient house can be architecturally well-designed as well as compatible with conventional small town or suburban residences, and that this objective can be achieved within a modest budget.

Beyond the usual design determinates of an efficient plan and a consistent structure, the goal was to exemplify three special features: (1) *energy conservation*; (2) *barrier-free access*; and (3) *recycling* of elegant components from fine buildings of other eras.

ENERGY CONSERVATION

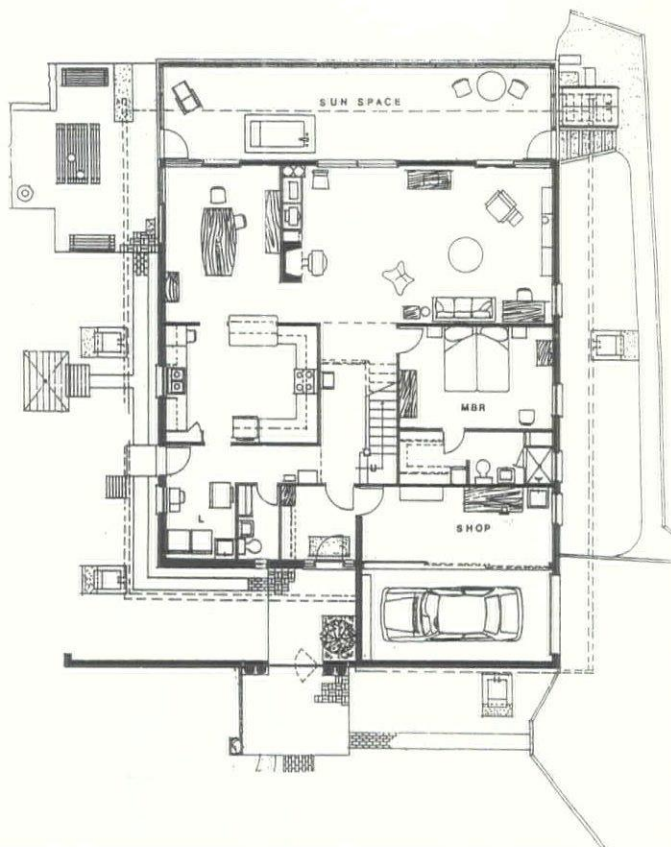
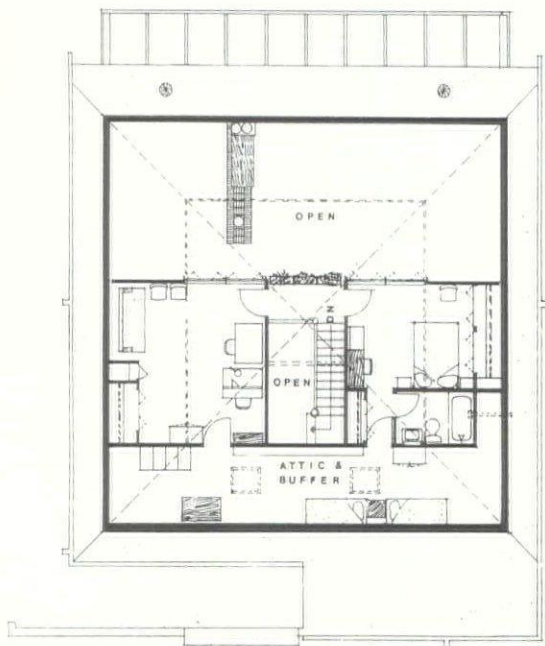
To minimize exterior surfaces subject to the loss or gain of heat, a compact enclosing envelope was adopted—somewhat similar to an igloo or a Bucky Fuller dome but hopefully without the inherent limitations of these prototypes. The passive-solar considerations led to the ample south-facing sun-space for direct solar gain, heavy insulation, minimum double-hung windows for light and ventilation on east and west, and virtually no windows on the north. The placing of the attached garage to protect from the cold northwest winds, and locating to the north those plan elements least dependent on even temperatures, were also considerations.

The air-lock entrance on the north side is sheltered by the garage and the garden wall that serves as a wind deflector. In the summer, the open living space acts as a wind-weir with air entering at ground level through louvers in the sun-space, flowing through the space, and being vented through the louvers in the belvedere and the operable skylights in the attic space. The reversible Hunter fan in the belvedere was



intended to assist in the evacuation of warm air in the summer, and to push the warm air down in the winter; however, it has proved to be unnecessary, so it has fallen into disuse. As it continues to be a well-designed artifact, its redundancy seems to be less than a fatal flaw.

Typically, with active solar warm-air systems, the heat is stored in a bin of rocks and then circulated through a network of conventional warm-air ducts. With this house, the architect decided to store the heat in a two-foot-deep rock bed under the entire main floor thus achieving a





gentle radiant heating effect, then releasing the warm air through floor grills on the north side of the house. The released air provides ambient heat while passing through the living space to the return-air grill, to the air-handling chamber under the west end of the sun-space, and thence back to the solar collector on the roof. For overcast days, a Vermont Casting Defiant wood-stove provides the first back-up. As the ultimate back-up, the infrequently used gas-fired furnace discharges its air into the rock bed just as does the solar collector.

The initial and separate domestic hot-water system proved to be unsatisfactory. After twice freezing and bursting, the system was replaced by Southwest Solar of Christiansburg. The new installation, a gravity drainback system utilizing water as the heat-transfer fluid, is now trouble-free.

Temperatures, humidity and fuel records have been monitored for most of a year by the technical staff of the Environmental Systems Laboratory of the Virginia Tech College of Architecture. The results show a pattern of remarkably stable temperatures due to the "high-mass" characteristics of the house. *Annual* heating costs were shown to be equal to or less than *monthly* heating costs of neighboring conventional houses built at nearly the same time.

BARRIER-FREE ACCESS

As anticipated, a number of the many visitors to the house have been handicapped or aged. Accessibility has been enhanced by bringing sidewalks, terraces, and driveway nearly flush

with the main floor level—which includes all facilities essential to the resident couple. The entire mezzanine serves as guest facilities when the extended family arrives for a visit. The attic/buffer space becomes the favorite "in-scale" bedroom for the smaller grandchildren.

RECYCLING

The most prominent recycled element is the limestone entry-way to the forecourt, a motif of the 1880s that formerly served as the entry to an abandoned apartment building in Chicago. It was saved from the wrecking-ball by the architect and his helpers, disassembled, and hauled to Blacksburg in a "U-Haul" truck. The recycling was not intended to save money; the process is frequently quite costly. The motive was to save old, attractive and well designed building elements and to see them juxtaposed with contemporary features. Embedded in the garden wall is a decorative terra cotta fragment from Frank Lloyd Wright's erstwhile Francis Apartments (1895). The only window on the front of the house is small and round with a stained-glass motif connoting the Inca Sun-God. Alongside the entry portal is a sculpture in Corten steel by Jerald Jacquard, which was moved from its original Chicago site on the terrace of the Currie's restored Victorian mansion.

CONSTRUCTION CREDITS

Ralph C. Whitlock of Blacksburg was general contractor and handled carpentry, millwork, concrete work, roofing, insulation, plumbing, waterproofing, caulking, cabinet-work, rock bed and part of solar collector (with the glazing contractor and heating contractor).

The architect/owner handled the recycled 1880s limestone entry (from Chicago), recycled, stripped and refinished wood doors, supply of recycled hardware, and painting.

SUBCONTRACTORS & SUPPLIERS

Vest Paving Co., Christiansburg, paving contractor; Atlantic Concrete, Inc., Blacksburg, concrete supplier; Richard C. Bower, Jr., Christiansburg, masonry contractor; Webster Brick Co., Inc., Roanoke, masonry manufacturer/supplier; William C. Baumann, Philadelphia, PA, recycled handrails & balusters (interior stair), and recycled iron gate (1880s); and Wood-Mode Cabinetry, Kreamer, Snyder County, PA, kitchen cabinets manufacturer.

Also, Quesenberry Sheet Metal Co., Christiansburg, sheet metal, copper flashing & hidden gutters; Precision Glass & Upholstery Service, Christiansburg, insulating glass throughout; Russell Alls, Jr., Blacksburg, glazing contractor, including sun-space & warm air solar collector; Andersen Windowalls, Bayport, MN, windows; DeHart Tile Co., Christiansburg, ceramic tile, quarry tile and Harris Tile parquet flooring on mezzanine; Hajoca Corp., Roanoke, plumbing fixture supplier; and Robert L. Chapman, Chapman Heating & Cooling Co., Radford, heating contractor.

And, Anthony Albert, Christiansburg, electrical contractor; Ventarama Skylight Corp., NY, skylights; Vermont Casting, Vermont, "Defiant" wood stove; Hunter Olde Time Ceiling Fans, ceiling fan; Hope Killen—Hope Stained Glass Studio, Philadelphia, PA, custom stained glass window; Jerald Jacquard, Bloomington, IN, exterior sculpture-Corten steel; Chafin Appliance, Christiansburg, kitchen appliances; and Southwest Solar, Christiansburg, solar domestic hot water system.

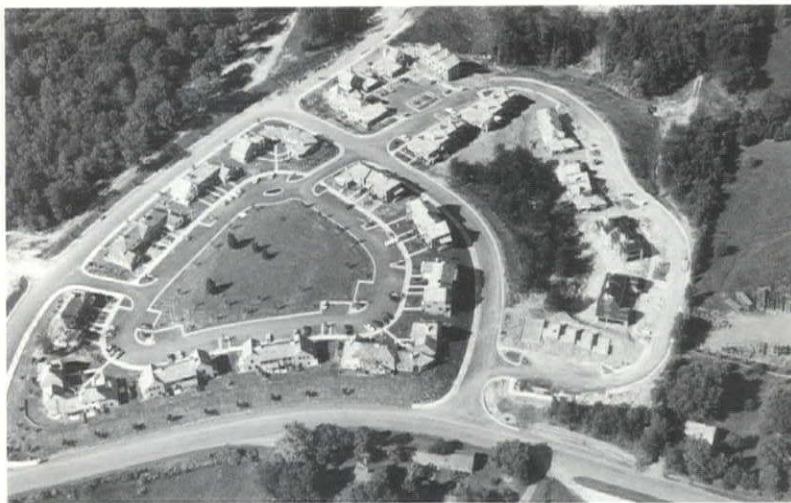


RiverRun Phase One/Merion Greene

Browne, Eichman, Dalglish & Gilpin, P.C.—Architect

Location: Albemarle County

Project Architect/Designer, Edward L. Eichman, Jr. • **Site Engineer/Surveyor,** Gloeckner/Lincoln/Osborne • **General Contractor,** Gercke Construction Co., Inc. • **Photography,** Joseph Garland.

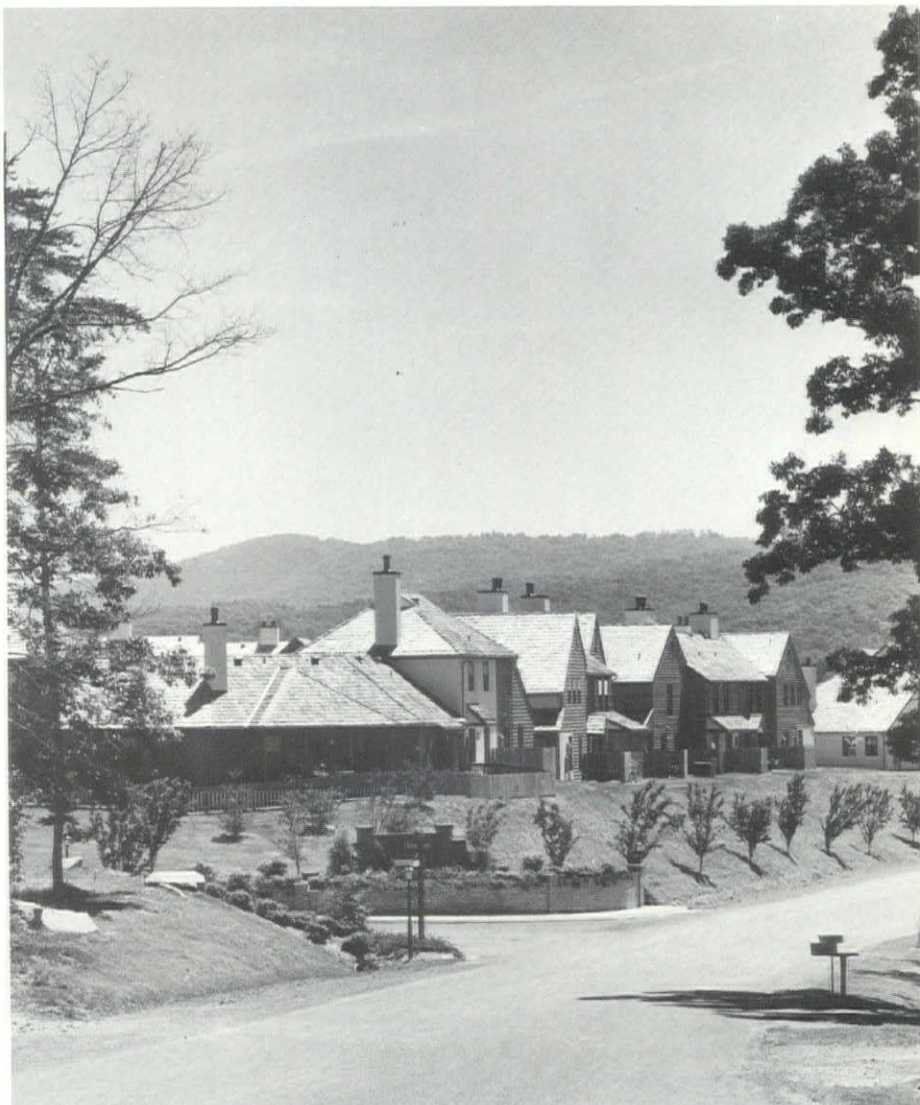


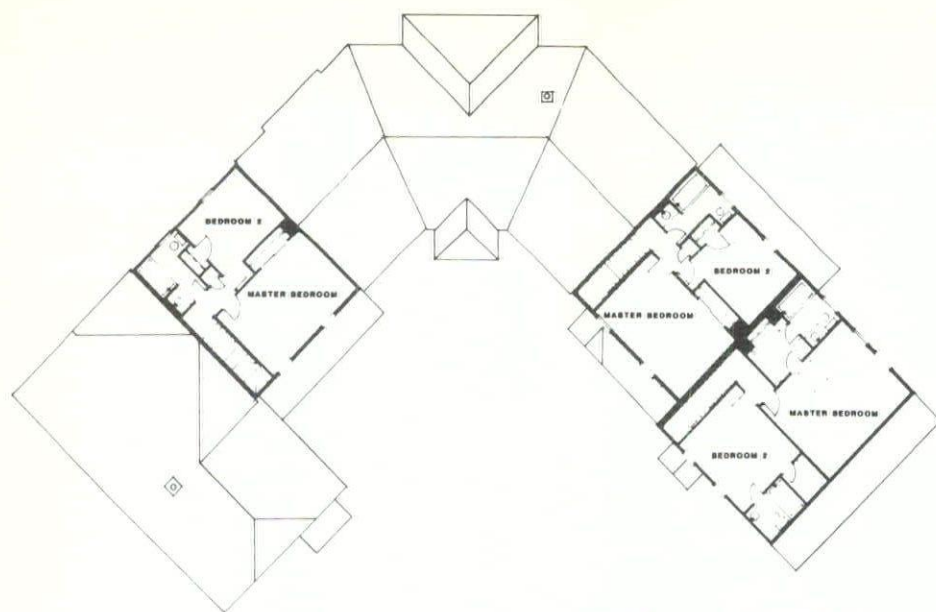
RiverRun is a planned residential community which, when complete, will contain 412 individually owned townhouses and condominiums. The 70-acre site is an urban setting which adjoins a public park containing golf, tennis, soccer, softball, picnic and exercise facilities. The community is also situated five minutes from both suburban shopping and the central downtown area of Charlottesville.

Comprehensive research indicated to Gercke Development Company that there existed a substantial market for sophisticated, high-quality, yet affordable housing in a medium-density format. The largest market segment was anticipated to be the 25-30-year-old, married or single, employed professional. A smaller segment projection included empty-nesters, divorced singles and retirees. Therefore, Merion Greene, the Phase One neighborhood, offered five townhouse models ranging from a one-bedroom/den/one bath unit containing 880 square feet to a three-bedroom/den/two-bath unit containing 1,345 square feet.

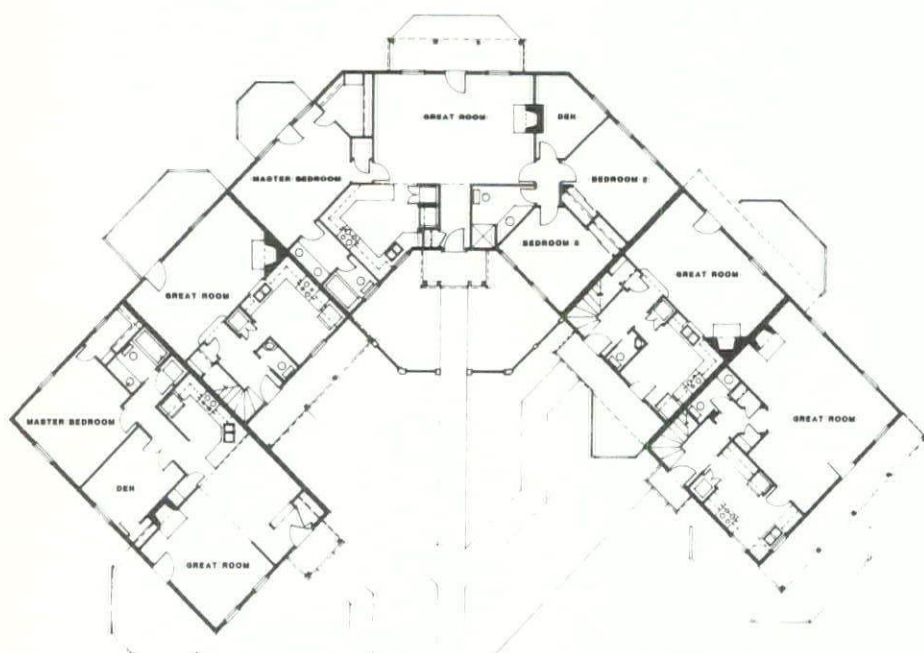
Sales officially began in January 1983, with a first-year projection of 25 units. In the first 12 months, a 48 unit "sellout" was achieved with additional pre-sales recorded for the second phase of RiverRun.

Merion Greene is a neighborhood of townhouses clustered around a central open space, reminiscent of an eighteenth-century village green. This planning concept produces three features: 1) each home has an unobstructed view of the surrounding countryside; 2) the open space reduces the visual impact of the nearly nine units per acre density; and 3) the "green" provides a convenient outdoor area for the enjoyment of the residents. Although the site plan orients the rear yard for each townhouse toward





FIVE TOWNHOUSE CLUSTER
SECOND FLOOR PLAN



FIVE TOWNHOUSE CLUSTER
GROUND FLOOR PLAN

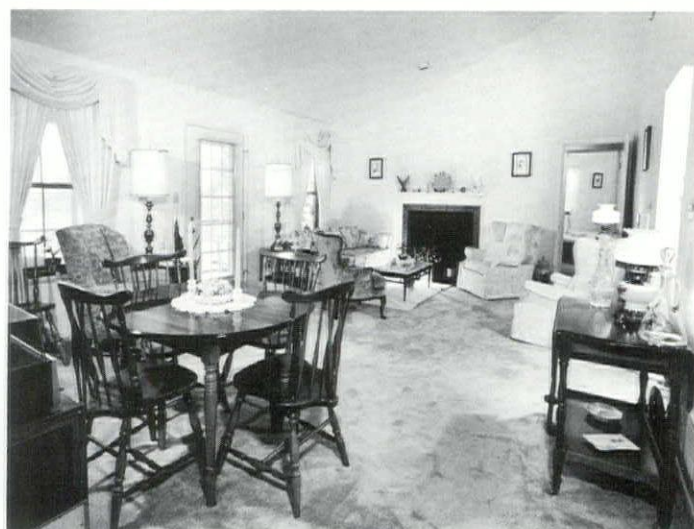
the surrounding streets, each yard is elevated above those streets so that fencing and landscaping provide appropriate privacy. The two private vehicular entrances to Merion Greene are also intended to contribute to the controlled use of the central open space by the neighborhood residents.

The architectural theme for Merion Greene is derived from the early domestic architecture of Pennsylvania. This country cottage style is expressed in the shapes of shingled roofs and stuccoed walls contrasted against rustic wood siding and trim. Details such as country porches, hoods sheltering entrances, shuttered windows, and wood-paneled entrance doors complete the architectural composition. Although the exterior theme is based on traditional design elements, the interior of each townhouse is contemporary, with open, free-flowing spaces; angular shapes in some locations; skylights in focal areas; and subdued colors and detailing.

Construction features include: low-maintenance exterior finishes and details; thermally efficient exterior walls, roofs, doors and windows; heat pump-based mechanical systems; and interior positioned wood-burning fireplaces to provide a potential supplemental source of heat for each townhouse.

The next two Phases of the RiverRun development are currently under construction. Based on continuing research, these phases will include small, high-style condominiums for entry-level buyers and luxury townhouse units with first-floor bedrooms to accommodate an increasing demand from the empty-nester and retiree segment of the market.

Gercke Construction Company, Inc. of Charlottesville was general contractor and handled excavating, foundations, concrete work, ma-



sonry work, carpentry, glazing, gypsum board, painting (Charles Beasley), and electrical work.

SUBCONTRACTORS & SUPPLIERS

(Charlottesville firms unless noted)

Dogwood Landscaping, landscaping materials & landscaping contractor; Faulconer Construction Co., Inc., paving contractor; Associated Steel Products, Inc., reinforcing; H. T. Ferron, concrete supplier; Allied Concrete Co., masonry manufacturer/supplier & mortar; Georgia Pacific, Atlanta, GA, roof deck & structural wood; W. A. Lynch Roofing Co., Inc., roofing; and Owens Corning, Toledo, OH/Johns-Manville, Denver, CO, roof, wall & foundation insulation.

Also, Phillips Building Supply, Inc., millwork, waterproofing, caulking & paint supplier; Hicky's Woodworking Shop, cabinets; Huttig Sash & Door Co., Roanoke/Peachtree, Norcross, GA, wood doors; Binnings Building Products, Lexington, NC/Plasteco, Houston TX, windows; Schlage, San Francisco, CA, hardware supplier; Armstrong, Lancaster, PA/Congoleum, Baltimore, MD, resilient tile; Evans & Black Carpet Mills, Arlington, TX, carpet; and Bruce, Dallas, TX, special wood flooring.

And, Olympic, Bellevue, WA/Benjamin Moore, New York, NY, paint manufacturers; Heatilator, Mt. Pleasant, IA, fireplaces; Maddux Supply Co., plumbing fixture supplier; George A. Dansey, Inc., Scottsville, plumbing contractor; R. E. Boggs, Inc./Robertson Electric Co., Inc., heating/ventilating/air conditioning contractors; and ECK Supply Co., lighting fixtures/electrical equipment supplier.

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Donald L. Moore Residence

The Design Collaborative/Edward R. Roehm, AIA—Architect

Location: Virginia Beach

Project Architect/Designer, Edward R. Roehm, AIA • **Landscape Architect,** David Campbell • **Interior Designer,** Linda Houghton Interiors • **Site Engineer/Surveyor,** John E. Sirene & Associates • **Structural Engineer,** Stroud, Pence & Associates Ltd. • **General Contractor,** Marsha-Lynn Building Corporation, Julian A. Greenough, Executive Vice President • **Photography,** Robert K. Ander.

The owner is a bachelor father with three young children. This house overlooking the oceanfront provides both shelter and recreation. In fact, one might say it is a playhouse for children of all ages.

Donald L. Moore is a prominent builder-developer in the area and wanted his home to be exemplary of his expertise in residential construction. The new residence is ideally suited to his family's lifestyle and demonstrates the kind

of quality he insists on. In order to apprise himself of the views he was going to have in his new home, he had scaffolding erected on the site at the levels of the front deck, east veranda and master bedroom deck. He studied the landscape in all directions. Then, with memories of the sights from many imaginary corners, he and his architect, Edward R. Roehm, began planning the structure.

Since the long axis of the 50' x 150' lot runs east-west, the site is a natural for the passive solar approach. Some south windows are shaded by overhangs, others have slim shades to eliminate solar gain in the summer time. Trees have been planted strategically to shade the south windows, as well.

A reflecting pond on the south side bounces light up into the walls and ceiling surfaces of the first and second floors, creating ripples of light all through the day as the water moves. The pond is edged with border plants and fitted with stepping stones of Tennessee orchard sandstone. It

has an interior planter box for lotus and other regional water plants. The dunes were preserved, along with some standing trees, but the lawn near the house is green, surrounded with luxuriantly planted berms.

Gleaming white against the sun and sand, its two stories are flanked with columns and trellised verandas on several sides. Exteriors of Dryvit and juniper lap siding are topped off by a cedar shake roof. Driveways and walkways were created with concrete brick pavers of dove grey surrounded by ribbon borders leading up to the front loggia.

The unusual fenestration was a "first" for both the builder and the architect. Standard Pella windows were used, but are set within specially designed frameworks creating bays recessed within square-framed openings.

The foyer and stairwell extend 34 feet high with exposed rafters (roof trusses) of clear fir, antiqued white to match all the interior trim,



which is antiqued white pine. Moldings were custom run to Mr. Moore's design and finish specifications.

The interior stairway is solid red oak, natural finish, with open treads to the landing and beyond. The land curves to conform to the shape of the bay windows in the foyer. Upstairs on the second floor, the living and dining rooms look out onto the ocean across an east-facing veranda. There is much light and freshness to the inside and a feeling of relaxed elegance among the rooms of this multi-level home. Interior colors were chosen from the beiges of sand and sea grasses, blues of sky and ocean, and the green and browns of the landscape.

The loggia entrance, formed by a row of large, precast concrete columns which support the deck above, leads into a stepped-down game room which is part of the children's domain. A game table, television set and lots of room for gamboling about gives the three children space to share, in addition to their own bedrooms which are all located downstairs on the first floor.

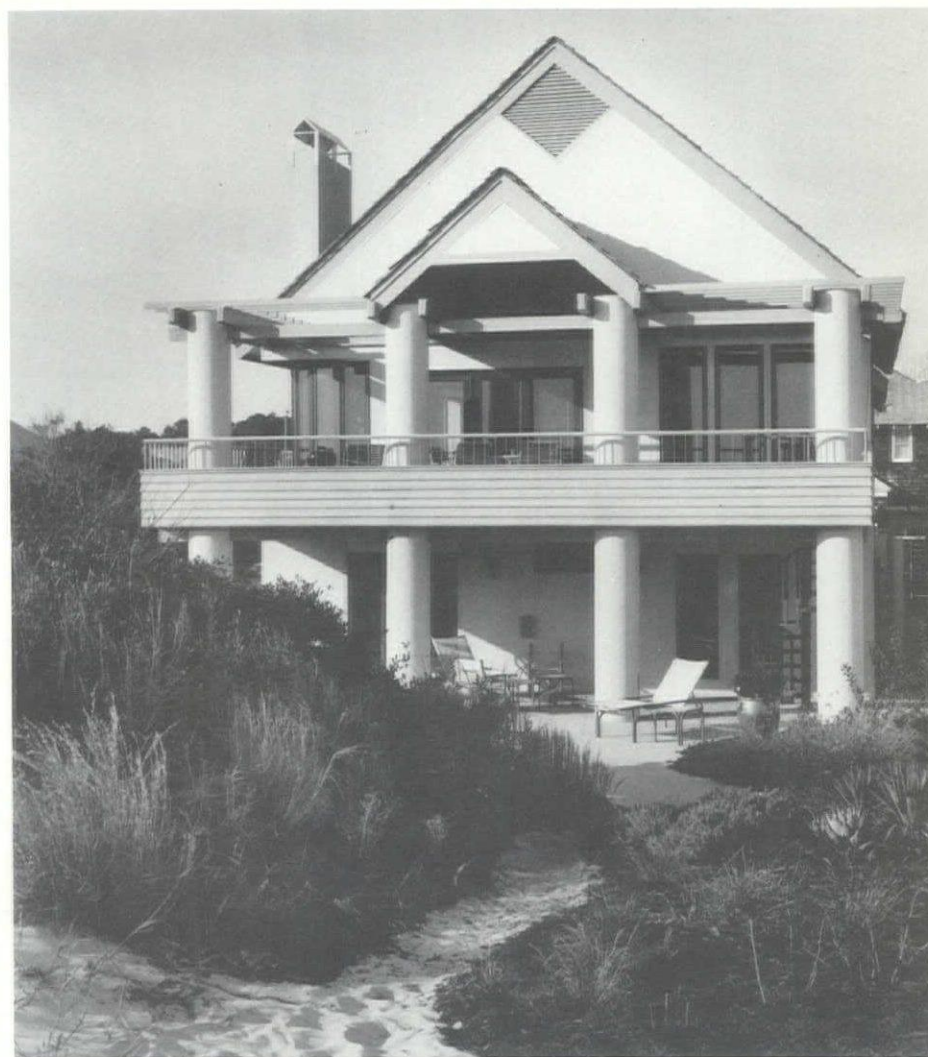
Marsha-Lynn Building Corporation of Virginia Beach was general contractor and handled painting.

SUBCONTRACTORS & SUPPLIERS

(Virginia Beach firms unless noted)

Ajax Co., Inc., Norfolk, marble work; North Landing Nursery, sodding, seeding & sprinkler contractor; Craig Siska, ASLA, landscaping contractor; George D. Coleman, Portsmouth, foundations & concrete contractor; Bartone Steel Fabricators, Inc., Chesapeake, reinforcing, steel supplier, steel erection & handrails; Lone Star Cement, Inc., Norfolk, concrete supplier, masonry supplier & mortar; Edward Davis, Chesapeake, masonry contractor; American Tile Co., stonework contractor & ceramic tile; Luck Stone Corp., Newport News, stonework supplier; Residential Commercial Systems, roofing; Colonial Insulation, Inc., wall insulation; and Weeks Construction Co., Suffolk, carpentry.

Also, Addington-Beaman Lumber Co., Inc., Norfolk, structural wood & millwork; Kitchen Concepts, Inc., cabinets; Pella Virginia, Inc., Richmond, wood doors, windows & window wall; Seaboard Building Supply Co., hardware supplier; Kemp Contracting (George Bernard Kemp), plaster contractor & gypsum board contractor; Interior Concepts, Inc., carpet & wall covering; McBroom Pool Products, Inc., reflecting pond; Schell Supply Corp., plumbing fixture supplier; Bruce Harrison Plumbing & Heating, plumbing contractor; Mechanical Service Co., Inc., heating/ventilating/air conditioning contractor; and Smith & Keene Electric Service, electrical equipment supplier & electrical contractor.



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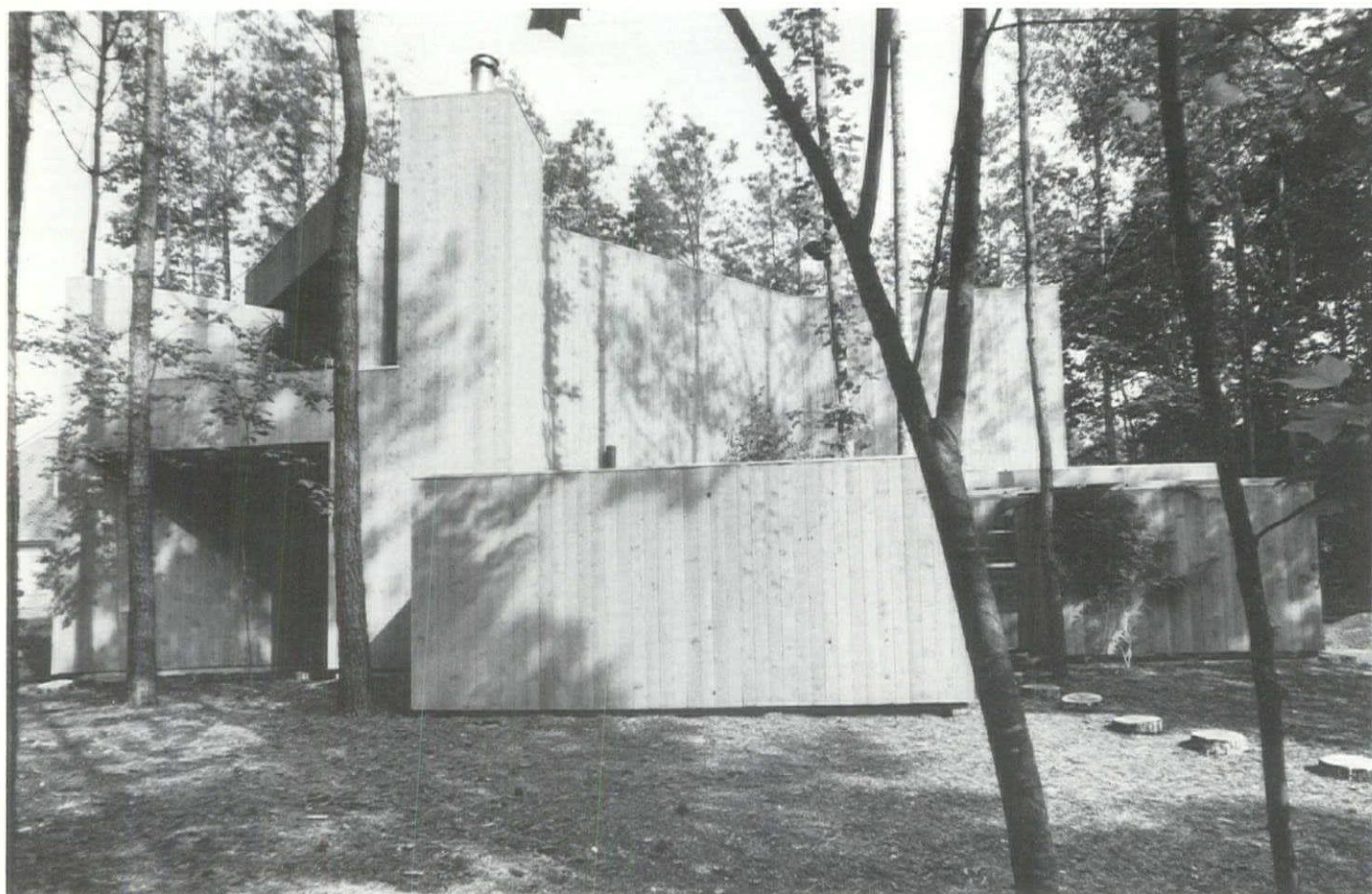
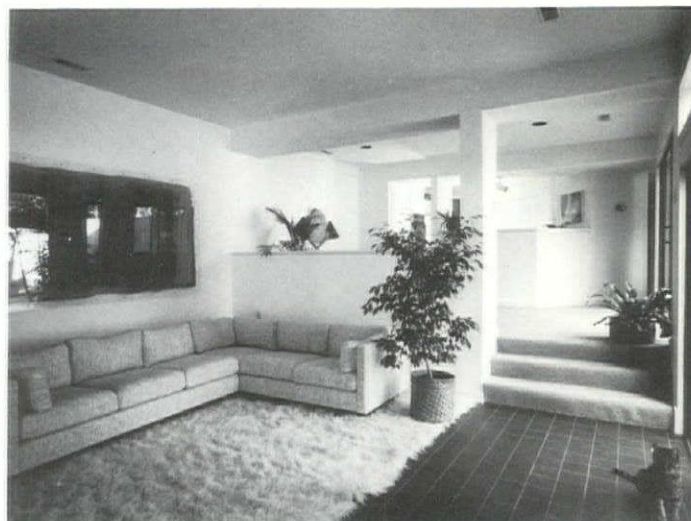
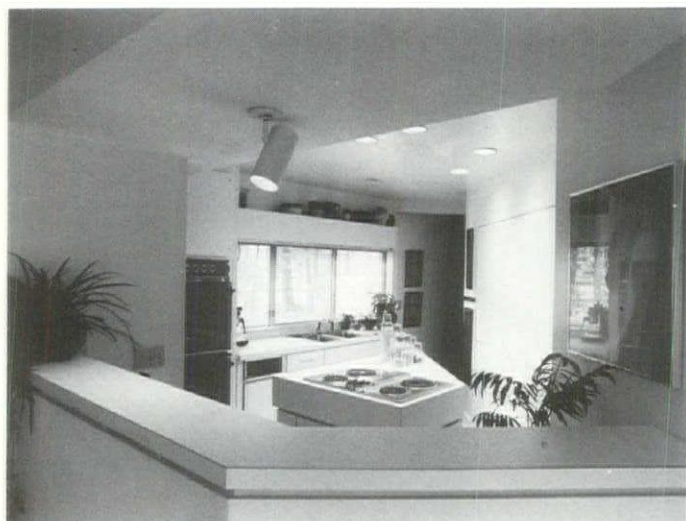
5223 Interport Dr., Richmond, Va. 23231

Walden Residence

Carlton Abbott and Partners, Inc., P.C.—Architect

Location: Williamsburg

Project Architect/Designer, Carlton Abbott, FAIA • General Contractor, J. B. Violette Construction Company • Photography, Carlton Abbott, FAIA.



PROGRAM

To build a 2,000 square foot contemporary home for a young couple on a narrow wooded lot in a planned residential community.

SITE

A 1/2-acre lot, located in Kingsmill on the James, a planned community on the James River.

SOLUTION

The creation of a narrow two-story wood frame building, which orients to the deepest existing woods to the front and back of the property. An exterior courtyard entrance was developed on the more public side.

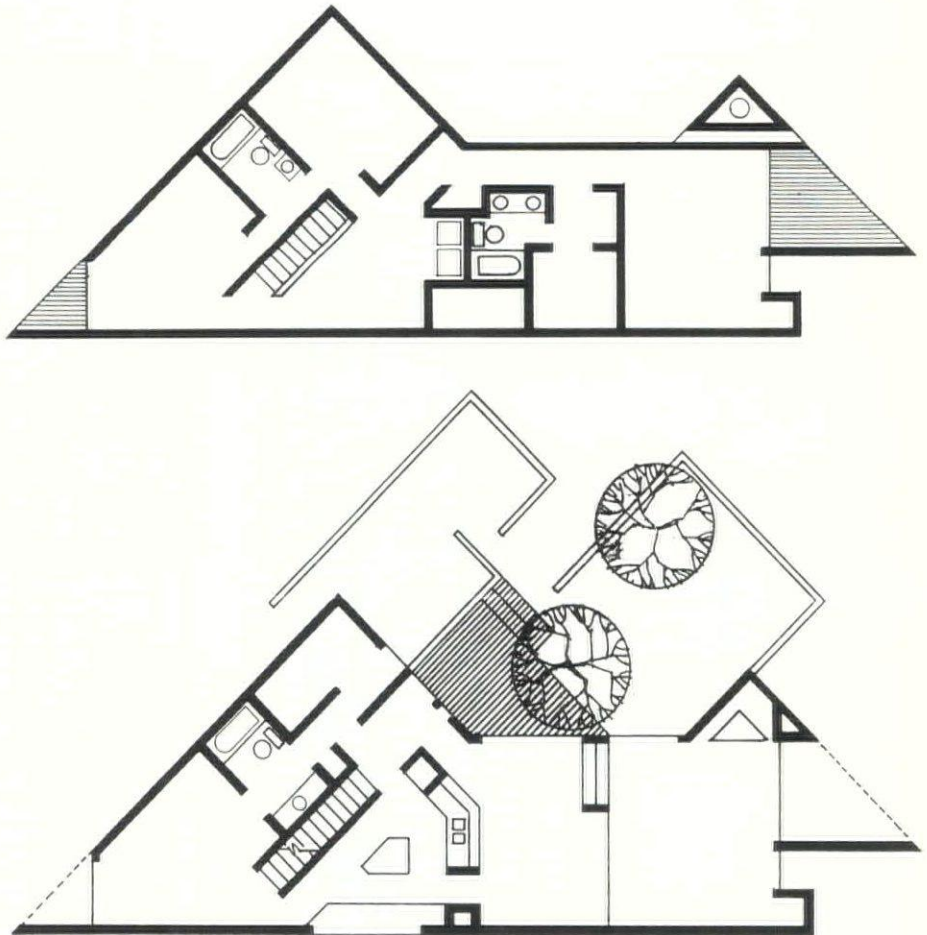
CONSTRUCTION CREDITS

J. B. Violette Construction Co. of Williamsburg was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Newport News firms unless noted)

Frederick W. Emerson, Sr., concrete contractor; Haywood Roofing Co., Hampton, roofing; Davenport Insulation, roof & wall insulation; Powell-McClennan Lumber Co., Inc., Norfolk, structural wood, millwork & gypsum board contractor; Country Kitchens, Crittenden, cabinets; Ted Lansing Supply, windows; Seaboard Paint & Supply Co., Inc., hardware supplier; The Tile Shop, Inc., Hampton, ceramic tile; Peebles Supply Corp., plumbing fixture supplier; Rouse Huskey, plumbing/heating/air conditioning contractor; Noland Co., lighting fixtures/electrical equipment supplier; and A/C Electric Contractors, Inc., electrical contractor.



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Copeland Motors

Rancorn, Wildman and Krause—Architect

Location: Hampton

Project Architect/Designer, Nelson C. Rancorn, Jr. • Landscape Architect, H. Eugene Roberts • Interior Designer, Carole Wydur • Site Engineer, Rancorn, Wildman and Krause • Structural Engineer, Stroud, Pence & Associates, Ltd. • Geotechnical Engineer, Atec Associates • General Contractor, W. M. Jordan Company • Photography, Rancorn, Wildman and Krause.



Copeland Motors approached RWK Architects to use the fast-track method to design a new facility which would consolidate two dealerships with a central showroom and maintenance area. Located on a major automobile corridor, the long and narrow site dictated a similar response in building form.

The owner's program required a spacious showroom for the display of both manufacturers' automobiles. High lighting levels were required in the showroom area as well as in the shop where 20 skylights provide ample daylight. A double tier storage system in the shop would allow for the storage of parts from both of the manufacturers' automobiles without confusion.

Nine and one-half foot tall, raised letters serve to diminish the mass of the shop area. Combined

with the bronze glass showroom and metal fascia band, the three dimensional letters give the dealership an architectural identity along a thoroughfare of fast-food restaurants and chain-operated businesses.

General contractor for the 18,000 square foot building was W. M. Jordan Company of Newport News.

SUBCONTRACTORS & SUPPLIERS

Other Newport News firms were: Denbigh Construction Co., Inc., curb & gutter & entrances; Paul's Plaster & Acoustics, drywall & acoustical; A. M. Savedge Electric, electrical; and Walker & Laberge Co., Inc., aluminum & glass.

From Hampton were: Chesapeake Masonry Corp., masonry; Gordon's Iron Works, Inc.,

structural steel; Pompei Tile Co., Inc., ceramic tile; Shaw Paint & Wallpaper Co., Inc., painting; Floyd B. Smith Contracting, Inc., storm sewers; and Warwick Air Conditioning Co., Inc., mechanical.

Norfolk firms were: Door Engineering Corp., hollow metal, rolling doors-grilles, hardware, toilet partitions & toilet accessories; Rea Construction Co., asphalt paving & stone & pavement markings; and Williams Corp. of Virginia, earthwork & strip topsoil.

Others were: Cherry Rug Co., Portsmouth, carpet; Forrest Exterminating Service, Inc., Virginia Beach, termite control; and J. D. Miles & Sons, Inc., Chesapeake, roofing.





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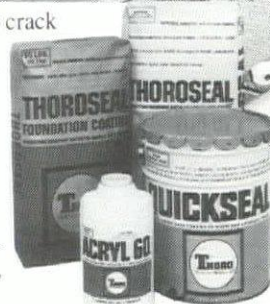
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Woodlake Reception Center

The Planning & Design Collaborative—Architect

Location: Chesterfield County

Project Architect/Designer, J. P. Vaughan, AIA • Landscape Architect/Interior Designer, Planning & Design Collaborative • Site Engineer/Surveyor, J. K. Timmons & Assoc. • General Contractor, Swift Creek Construction Co., Inc. • Photography, Ben Greenberg.

PROGRAM

To design a sales/reception center for a 1200-acre residential development on the Swift Creek Reservoir including offices for five salespersons and a sales manager. Although the building needed to be residential in character, it also had to be a key element in the Village Square, an area to include recreation facilities, offices, shops, restaurants, churches, and residential units. The character of the site elements, building, and interiors was required to be "nostalgic" without being "traditional"—to promote design concepts of the new community including solar applications. Accommodation for future expansion of office space was also required.

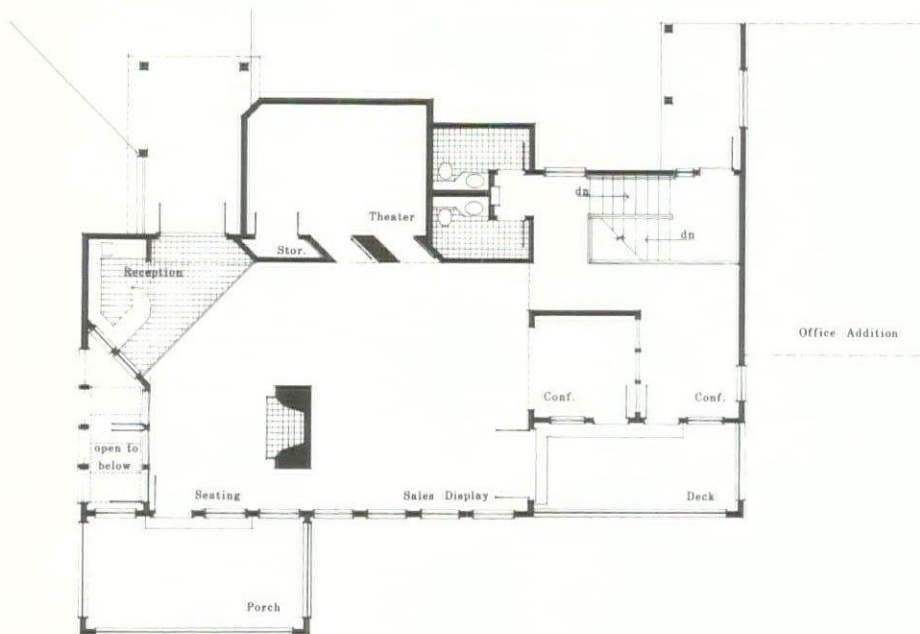
THE SITE

The building location and orientation within the Village Square is based on the spectacular view looking east up the reservoir from a 30-foot promontory, as well as a southern orientation for a passive solar space required by the program. The site slopes steeply to the lake and was lightly wooded due to timbering during the recent past.

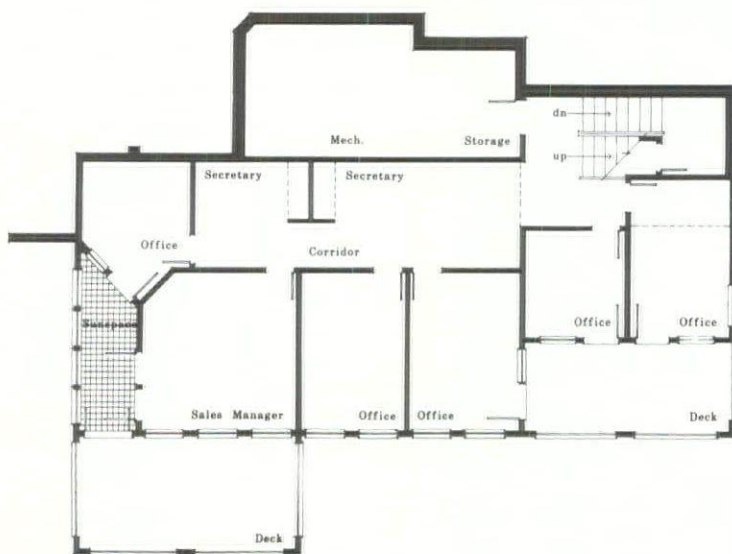
SOLUTION

In order to accommodate the sloping site, a two story scheme resulted, with offices on the lower level, a mid-level entrance to facilitate the addition, and the "front door" or public entrance





UPPER FLOOR PLAN



LOWER FLOOR PLAN

accessing the plaza on the upper level. The plaza with gazebo/bandstand, flags, and street lights provides a focal point for the Village Square and provides prominence and presence for the one story elevation of the reception center. A combination of dry laid brick and decking, suspended over the slope, accommodates the grade transition from the street to the main entrance.

The entire rear elevation is a composition of windows and doors to afford views to the lake, providing a "background" for the project graphics and sales process. A fireplace, with green tile surround and hearth, separates a small seating area with residential scale furniture from the larger space containing the sales graphics. To the right of this "living room" and facing south is a two-story sunspace, the floor of which is tile over a rockbed which incorporates a return air duct for passive solar gain. During the winter, french doors may be opened to introduce this air directly to the adjacent spaces. Two solar panels provide the energy required for hot water.

The view to the lake from the entrance is framed by a trellised porch, the floor of which is dropped a foot to avoid blocking the view with hand rails. This porch not only provides additional seating during warmer months, but varies the mass of the two-story elevation on the lake side.

The orientation and placement of the display units directs circulation counterclockwise through the sales materials to the angled entrances of the theater and follow-up slide presentation on the community. Since natural light could not be introduced into the theater space, the resulting effect of the blank front elevation was alleviated by coordination during site planning with the landscape architect.

Behind the major sales display space are two small conference or closing rooms, both with access to a deck overlooking the lake. This deck also has direct access from the sales area, providing yet another seating area for the sales process.

On the stair landing, a secondary entrance is provided to the plaza as well as provisions for access to the office addition now under construction. The lower level provides space for two secretaries, five salespersons, a sales manager, and storage. All offices have views of the lake with five of them having access to decks.

The exterior of the building is sided with vertical shiplap spruce, stained off-white with contrasting white trim on windows, doors, and railings. A standing seam metal roof in deep green was used to give the building a distinctive look reminiscent of nearby farm homes. Such devices as lattice, balusters cut from 1x6s, beaded porch ceiling, ceiling fans, and a full scale brass reproduction of a penny farthing hi-wheeler bicycle were utilized to relate the reception center to the concepts of the residential development which espouses family values, small neighborhoods, and a large variety of recreational facilities.

The building was completed in May 1984.

CONSTRUCTION CREDITS

Swift Creek Construction Co., Inc. of Midlothian was general contractor and handled foundations and waterproofing.

SUBCONTRACTORS & SUPPLIERS

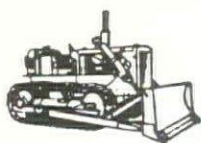
Other Midlothian firms were: Kevin M. Bottoms, paving contractor; L. W. Kidd Painting, Inc., caulking & painting contractor; Kidd Drywall, Inc., gypsum board contractor; Midlothian Tile Co., Inc., resilient tile; and Barden's Decorating, paint supplier (Benjamin Moore/Duron).

Richmond firms were: William T. Cantrell, Inc., excavating; Bristol Steel & Iron Works, Inc., reinforcing & miscellaneous metal; Lone Star Industries, Inc., concrete supplier; J. J. Sturt, masonry contractor; Richmond Block, Inc., masonry manufacturer/supplier; Advance Insulation & Supply, Inc., wall insulation; Saunders Oil Co., Inc., foundation insulation; Fabco, Inc., cabinets; Pella Virginia, Inc., metal doors & frames & windows; Pleasants Hardware, hardware supplier; Chesterfield Tile Co., Inc., ceramic tile; Gundlach Plumbing & Heating Co., Inc., sprinkler contractor & plumbing contractor; Noland Company and Lewis Supply Co., Inc., plumbing fixture suppliers; Automated Air Systems, Inc., heating/ventilating/air conditioning contractor; Knight Electrical Contractor, Inc., lighting fixtures supplier & electrical contractor; and Dixie Electric Supply Corp., electrical equipment supplier.

Others were: Green-Gold, Inc., Raleigh, NC, landscaping materials & landscaping contractor; Dan Bacquier, concrete contractor; Perma-Clad of Georgia, Inc., Doraville, GA, roofing; Livingston Alternative/Niches, carpentry; Roper Brothers Lumber Co., Inc., structural wood, millwork & wood doors; J & J Industries, Inc., Dalton, GA, carpet; and Hearth & Home Distributors, Inc., Newport News, specialties.



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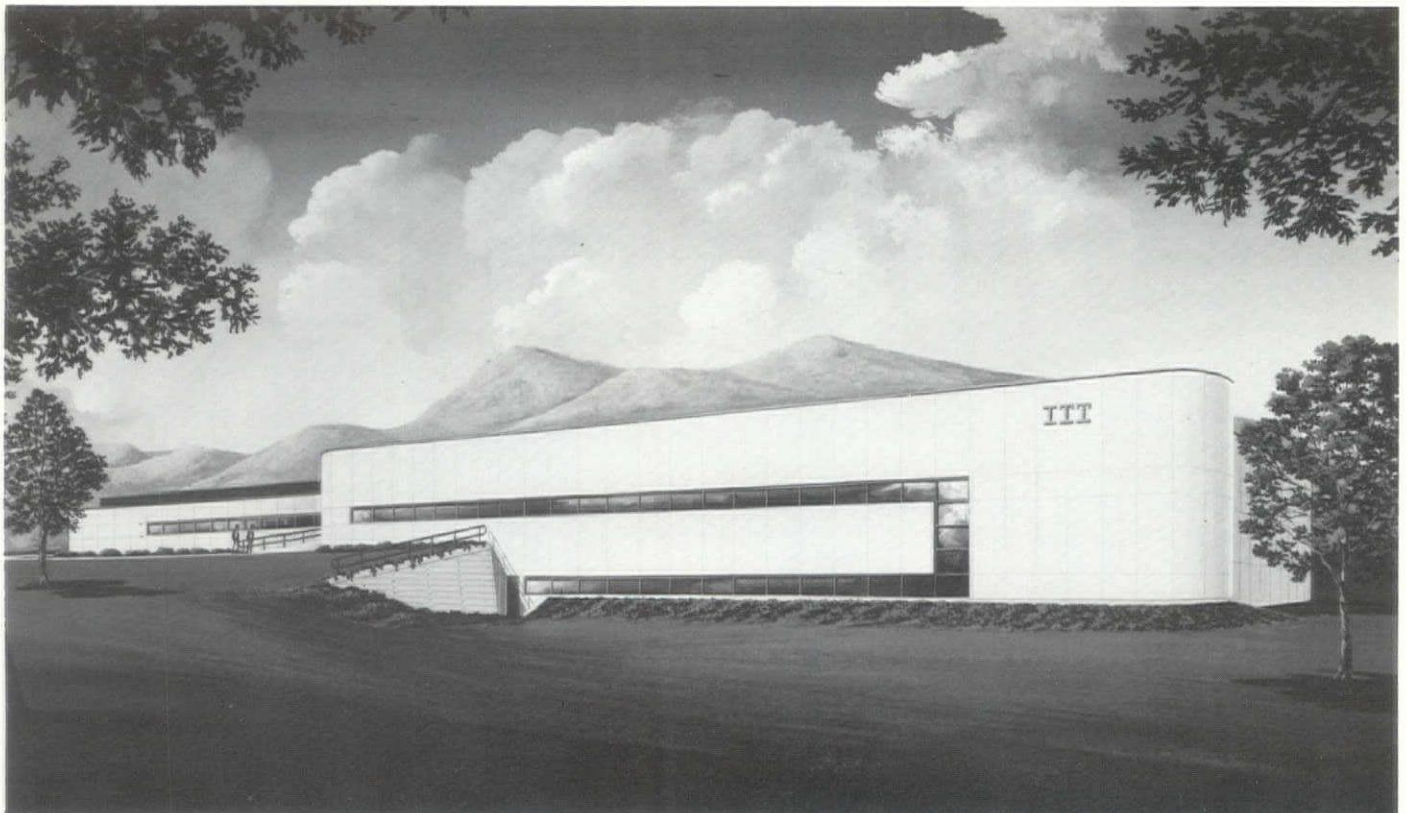
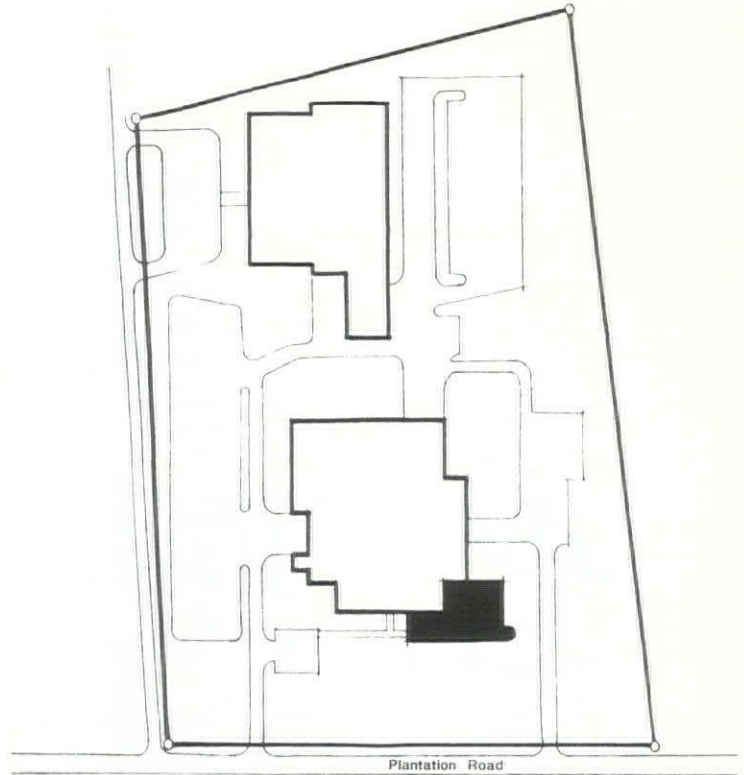
Smithey & Boynton—Architect

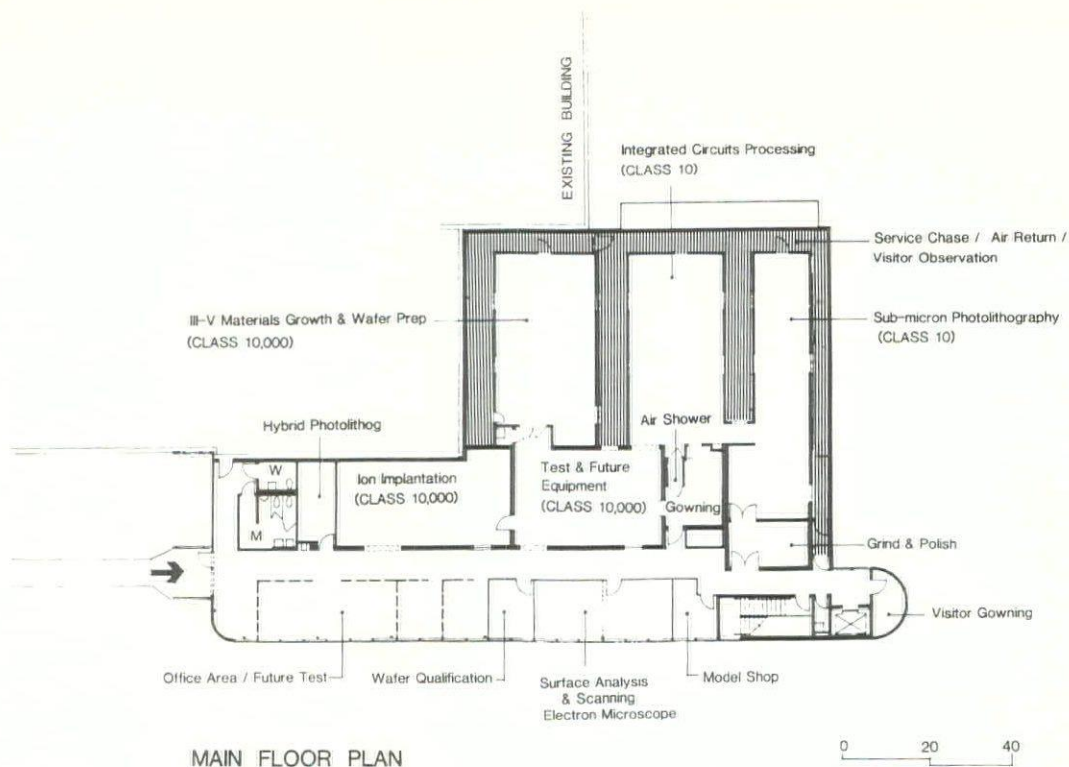
Location: Roanoke

Project Architect/Designer, Smithey & Boynton • Interior Designer, vanBlaricom Design Assoc. • Site Engineer/Surveyor, Structural/Mechanical/Electrical Engineer, Smithey & Boynton • General Contractor, S. Lewis Lionberger Company • Photography, Smithey & Boynton.

ITT Corporation's latest entry in the international high-tech sweepstakes is the gleaming Gallium-Arsenide Technology Center recently completed in Roanoke. The two-floor, 19,000 sq. ft. addition to the present ITT complex was designed to house specialized clean room-laboratory space for the manufacture of microchips using the gallium arsenide method. The building structure and all supporting systems were designed to accommodate the manufacturing processes for a product requiring tolerances of less than $\frac{1}{2}$ micron as compared with a tolerance of five microns on most silicon chips now being manufactured. The work is so precise that scientists measure materials in microns, less than 1/100 of a hair's width.

In order to maintain the minute tolerances required, the building systems incorporated a number of specialized design features requiring innovative and unusual approaches to the problems of vibration, temperature, humidity, cleanliness, safety, security, lighting and finishes.





MAIN FLOOR PLAN

The major structural elements of the building were designed for maximum vibration control, with highly critical areas isolated from adjacent areas. Equipment and systems that could create or transmit any vibration were isolated from the structure with special vibration mounting pads and isolators.

The wall and floor surfaces of the Clean Rooms were designed using materials with smooth impervious surfaces. Five Clean Rooms are

provided with classifications ranging from 100 to 10,000. Upon completion, the rooms were listed in accordance with Federal Standards with test results at a required level of 1/5 of the Class stated.

Air entering the Clean Rooms passes through two separate filter banks. The final filters in the Class 100 Rooms remove 99.9995% of all dust particles larger than 0.12 microns in diameter. The lab's standard for cleanliness is 10 particles of dust for each cubic foot of air—compared to an office average of 100,000 particles per cubic foot. All personnel require the use of special gowning prior to passing through an air shower providing up to eight complete air changes a minute before entering lab spaces. These suits must be laundered daily.

Special consideration was also given to mechanical and electrical design to assure that the air within the Clean Rooms will continue to meet the rated classification. Temperature and humidity are regulated with electronic computerized controls to allow less than 1°F fluctuation in temperature and less than 3% variance in relative humidity. All heating and air conditioning equipment required to maintain the specified conditions is self-contained within the project. Noxious fumes are disposed of through a special exhaust system with scrubber. Toxic liquid wastes pass through an approved neutralizing system. Safety devices are provided to protect workers in the event of accidental leaks or spills of noxious materials.

Electrical service and distribution require both oil and air type transformers for three different service voltages (480/277, 208/120, and 240 volts) to serve specialized equipment. Lighting fixtures provided in the labs have a unique Clean Room design which produces a minimum of air turbulence; the lenses have a special color rendition and have sealed construction to prevent accumulation of dust.

The main floor consists of isolated waffle concrete slabs supported on concrete columns; the built-up roof on steel deck is supported by steel columns and open web steel joists. The exterior facing consists of off-white finished exterior insulation panels.

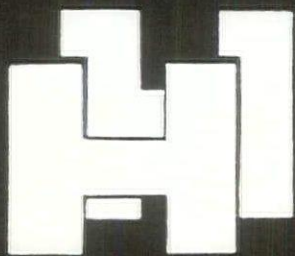
S. Lewis Lionberger Company of Roanoke was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Roanoke firms unless noted)
Charlie Overstreet, Inc., Vinton, excavating; Land Design Associates, landscaping materials & landscaping contractor; Roanoke Valley Paving, Inc., paving contractor; Phoenix Concrete Products, Inc., crib walls; Valley Steel Corp., Salem, reinforcing; Concrete Ready Mixed Corp., concrete supplier; Carroll Masonry Contractor, Salem, masonry contractor; Holston Steel Structures, Inc., Bristol, TN, steel erection/joists/roof deck & miscellaneous metal; and Leonard Smith Sheet Metal & Roofing, Inc., Salem, built-up roof & roof insulation.

Also, Harman Ceiling & Partition Co., wall insulation & panels, metal studs, glass, gypsum board contractor, ceilings & resilient tile; Skyline Paint & Hardware, Inc., metal doors & frames; Engineering Sales Corp., Blountville, TN, wood doors; Seybar, Inc., Martinsville, hardware supplier; Whitt Carpet & Tile Service, Inc., Salem, ceramic tile & carpet; Hesse & Hurt, Inc., painting contractor; and John N. Yauger & Co., specialties.

And, Rusco, Inc., venetian blinds; Westinghouse Elevator, Richmond, elevator; Magic City Sprinkler, Inc., sprinkler contractor; Air Conditioning Corp., Greensboro, NC, plumbing/heating/air conditioning contractor; Jarrett Electric Co., Inc., electrical contractor; Commonwealth Kinetics Co., isolation board; Liberty Industries, Inc., East Berlin, CT, air shower; and Augusta Steel Corp., Verona, projection screen, curtain tracks.



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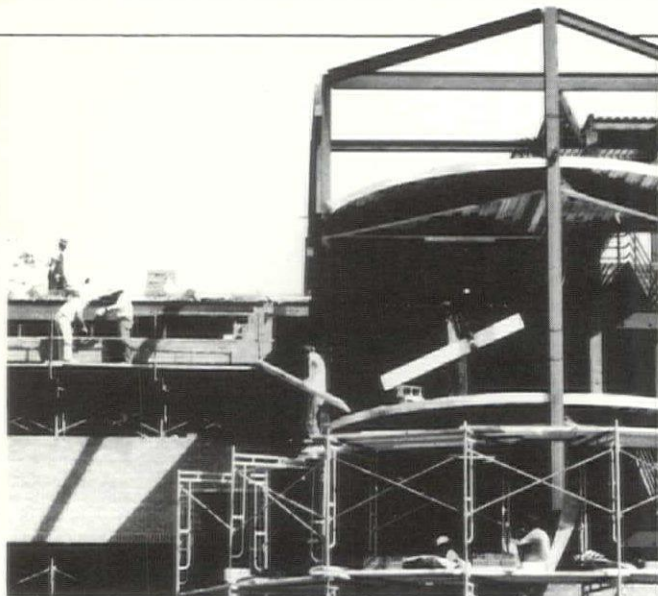
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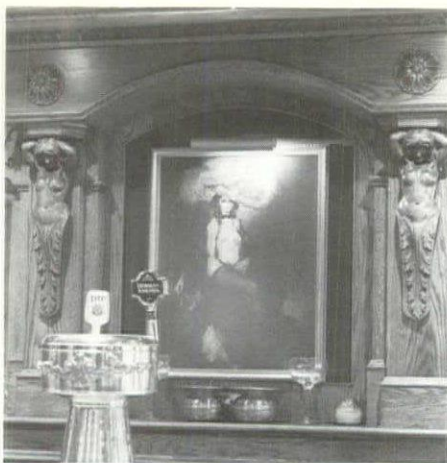
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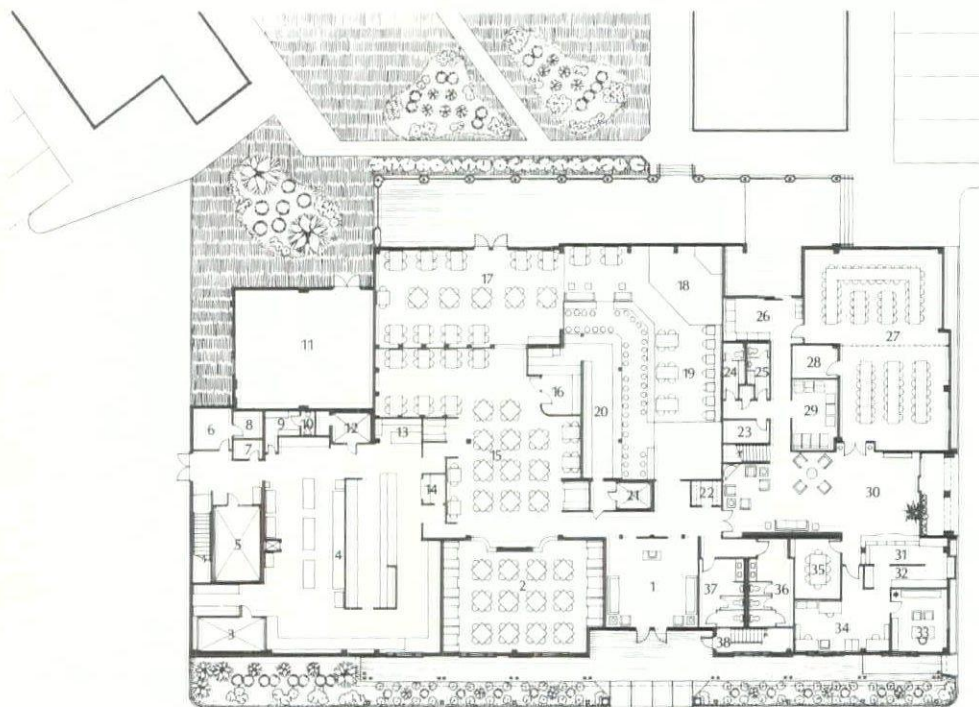
C.M.S.S. Architects

Location: Norfolk

Project Architect/Designer, C.M.S.S. Architects • Landscape Architect, John Corica • Interior Designer, C.M.S.S. Architects and Cimarron Hospitality, Inc. • Structural Engineer, Roland E. McPherson, P.E. • Mechanical/Electrical Engineer, Farley Engineering • General Contractor, Larrymore Organization, Inc. • Photography, Larry Burgess.

Bonanza Victorian is a term used by C. Eric Stoehr in an attempt to describe what happened when Eastern American architectural styles met Western settlements in the mining towns of the Rocky Mountains in the late 1800s. In early 1983, CMSS Architects researched the period to develop the design for Cimarron Rose, the new restaurant at Best Western Inn on Military Highway at Interstate 264 in Norfolk.

The project evolved from the Owner, Larry Goldrich's desire to transform the stigma of unsuccessful, motel-related restaurants at the Inn. The intent was to develop an intriguing building to complement the existing Inn lodging units, with the restaurant presented as the dominant image. Cimarron Rose, a Texas/Mexican rib-house restaurant, now shares an expanded and renovated restaurant/motel office facility. "Vir



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| 11. MECHANICAL | 24. WOMEN'S TOILET | 37. MEN'S RESTROOM |
| 12. REFRIGERATOR | 25. MEN'S TOILET | 38. ATTIC ACCESS |
| 13. WAITRESS STATION | 26. VENDING | |

torian" actually connotes an era of time rather than an architectural style, yet one equates it with intricate woodworking and gingerbread detail. "Bonanza" reflects the feeling of rough and tumble wild west, the wooden sidewalks and saloon with flapping doors. The new Best Western Center Inn pulls on each of these traditions, combining them with restraint so that the result expresses the best of both worlds in the context of elegant, contemporary hospitality.

The large grey frame building, which is readily visible at its highway interchange location, is actually an expansion of a 5,000 square-foot motel lobby/small restaurant building. The original, 1950's vintage motor inn/restaurant, was an unassuming building of brick veneer/wood stud construction with wood joist/steel frame structure and low sloping shingle roof. The building, now 16,000 square feet, houses significantly expanded restaurant, lounge, kitchen and hotel lobby/office areas, as well as, new meeting, conference, banquet and entertainment facilities.

Burrell F. Saunders, AIA was the architectural partner-in-charge, however from the outset the project was a joint venture of ideas from all involved parties. CMSS Architects practices a team approach on all projects, a philosophy which involves the owner in the excitement of creating design solutions. While Saunders was the project architect, each of the four partners worked on certain aspects of the design: Donovan K. Smith Jr., AIA designed the motel lobby and registration area; David L. May Jr., AIA developed the concepts for the lounge, bar and restaurant interior; John H. Crouse, AIA did much of the exterior detail work.

An unusual aspect of this project was that the owner-developer, Goldrich, was also the general contractor for the shell building and motel-related interiors. The circumstance enabled the architects to refine many aspects of design detailing during construction, much in the tradition of the former master craftsmen of the Victorian era.

The key to the design concept, based upon the high visibility of the site, became interest on the human scale, not only from close up, but also from a distance. The result is an experience which continually unfolds, rich in authentic Victorian detail, inviting the patron to enjoy an evening of dining pleasure. A design which surrounds the original building, integrating the renovated and expanded facilities by simply and consistently adapting wood structural methods, and through the aesthetics of diverse woodworking. An expression of "Bonanza" Victorian style and technique, Best Western tradition at its finest.

Larrymore Organization, Inc. of Virginia Beach was general contractor and handled carpentry.

SUBCONTRACTORS & SUPPLIERS (Virginia Beach firms unless noted)

R. W. Askew Nursery, Inc., Suffolk, landscaping materials; Cimarron Hospitality, Inc., Richmond, landscaping contractor; W. L. Birsch, Inc., Chesapeake, paving contractor; William Creekmore, concrete contractor; United of Norfolk, Inc., Grafton, masonry contractor; Hall-Hodges Co., Inc., Norfolk, steel supplier; Bayside Fabricators, steel erection/joists/roof deck; Protdec,

Inc., Jacksonville, FL, built-up roof; J. D. Adams, Inc., Chesapeake, metal roofing; and Ayers Insulating & Supply Co., Inc., roof/wall/foundation insulation.

Also, H & L Corp., Norfolk, millwork & paneling; Waterfront Lumber Co., Inc., Newport News, exterior wood shingles; Andersen Windowalls, windows; Walker & Laberge Co., Inc., Norfolk, storefront; Architectural Products of Virginia, Richmond, hardware supplier; J. D. Wells, Inc., gypsum board contractor & acoustical treatment; Ceramic Tile of Florida, Inc., ceramic tile;

Bay Tile Corp., resilient tile; W. C. Carpenter Co., Inc., carpet; B & W Carpet Service, carpet installation; Hugh Meredith, Norfolk, painting contractor; Norfolk Paint Co., Inc., paint supplier; Reed Wallcovering, vinyl wall covering; Door Engineering Corp., Norfolk, specialties; Ogden Food Service Corp., Norfolk, vending equipment; Tidewater Fire Protection, Chesapeake, sprinkler contractor; Edwin L. Gilliam, Inc., plumbing contractor; Aircon, Ltd., Chesapeake, heating/ventilating/air conditioning contractor; and R. L. Beckstoffer Service, Inc., Richmond, electrical contractor.



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Scott-Long's Ollie Ours Named Outstanding Job Superintendent of '84

Oliver "Ollie" Ours, project superintendent for Scott-Long Construction, Inc., has been named recipient of the Paul Good Award for supervision by the District of Columbia Metropolitan Subcontractors Association, one of 50 local chapters of the American Subcontractors Association.

The "SUBBY" Award which names Ours "Outstanding Job Superintendent of 1984" goes each year to the person deemed most worthy by vote of the 350 subcontractors, suppliers, professionals, and service business people who comprise the membership of the Association.

Ours, who has supervised major construction projects throughout metropolitan Washington for more than 25 years, joined Scott-Long in 1979 and has since been in charge of several of the firm's major construction efforts.

Beginning in 1983, he has served as project supervisor for three buildings and two parking structures at Westwood, the Corporate Center at Tysons Corner. Among other projects under his supervision at Scott-Long were the headquarters building for H. B. Lantzsch, Inc. at Tysons and Engineering Science Inc.'s headquarters in Fairfax.

Prior to joining Scott-Long, Ours worked for Burrows and Preston where he completed the

LaSal Construction Announces New V.P. and Construction Contract

Samuel A. Livingston, president of LaSal Construction Company, Inc. of Newport News, has announced the appointment of Harvey A. Taylor, III to the position of vice-president.

A native of the Peninsula, Taylor graduated from Ferguson High School in 1964, attended Christopher Newport College and Old Dominion University and graduated from the Electronic Computer Programming Institute in 1968.

Taylor served with the Virginia Army National Guard from 1965 to 1971, leaving as staff sergeant with an honorable discharge. His activities include managing the Sanford Youth Football League, serving as president of the Denbigh Youth Baseball League and serving on the Employment and Review Panel for the Department of Public Utilities.

Taylor comes to LaSal with 20 years of service at Ferguson Construction Company, Inc. of Newport News where he served as vice president for four years.

LaSAL TO BUILD GRACE HQ

The firm has been awarded a contract to build the headquarters facility for Grace Industries Inc. according to an announcement made by William M. Grace, President. Grace Industries will be moving from its present location in the Hampton Industrial Park to 11842 Bunker Boulevard in Oyster Point.

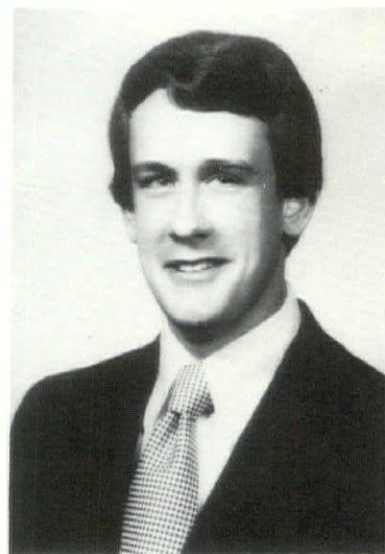
Included in the contract is a 7600 square foot headquarters building which will house the executive offices; the company's warehouse; and their vehicle maintenance facility which will maintain their fleet of 68 trucks.

Grace Industries, Inc. is a facility maintenance contractor providing total maintenance services including carpentry, plumbing, and electrical work, for military public works facilities and military housing.



Oliver Ours

Northern Virginia Builders Association Offices, the Arlington County Detention Center, and the Joyce Kilmer Intermediate School in Dunn Loring.



Robert A. Weatherford

New Sales Manager Named by Pella Virginia

Robert A. Weatherford has been promoted to Sales Manager for Pella Virginia, Inc. He will oversee all company sales in the states of Virginia, West Virginia, parts of Ohio and Kentucky.

Bob joined Pella in 1978 as the Richmond area salesman and most recently was in charge of Commercial Sales in Virginia. He is a 1971 graduate of the Colgate Darden Business School.

CIT Competition Winners Named

Convening in Richmond in March, assessors for the National Design Competition for the Center for Innovative Technology of the Commonwealth of Virginia premiated 15 entries for design awards. The awards were announced by the Honorable Charles S. Robb, Governor of the Commonwealth. Five first prizes were awarded. Also, ten merit awards were given. In selecting the ten merit awards, the assessors identified five entries as Honorable Mentions with Distinction and five entries as Honorable Mentions.

A total of 140 entries were received, and the geographic distribution of entrants ranged from Texas to Canada, Massachusetts to California. The assessors noted that the competition entries contributed to a broad range of creative work dealing with issues such as the appropriate symbolic expression of the "CIT" and how the CIT would "foster the exchange of ideas and the advancement of technology for the good of mankind."

The College of Architecture and Urban Studies, VPI & SU, arranged for an exhibition of the competition entries to be held at the National Building Museum ("The Pension Building"), 440 G Street, N.W., Washington, DC, from May 27 to June 9, 1985. The public has been invited to view the results of the competition during this time. In addition, the College intends to produce a catalogue (graphic and video) of significant competition entries in the near future.

JURY

1. Mr. Gunnar Birkerts,
Gunnar Birkerts & Associates
2. Mr. Michael J. DiZio,
Vice President, Otis Elevator Corp.
3. Mr. Paul Kennon,
President, CRS, Incorporated
4. Mr. Philip H. Lewis, Director
Environmental Awareness Center
University of Wisconsin-Madison
5. Mr. Richard Rogers,
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WINNERS

FIRST PRIZE: \$5,000 each entry

ENTRY #	NAME	ADDRESS
000133	Brigitte Knowles John Christopher Knowles Mark J. Topetcher	Philadelphia, PA
000150	Cary Franklin Dunn	Washington, D.C.
000182	David Ogorzalek Sarah Willmer Read Ferguson Stephanie Felch	San Francisco, CA
000217	Jennifer Luce Randall Romanin Alain Albert Judy Taylor Frank Carter Ovidio Sbrissa Bruce Kowbel	Ottawa, Ontario, Canada
000232	Peter Fillat Mark Tuttle Rodman Henderer William Chan Timothy Pellowski	Baltimore, MD

HONORABLE MENTION WITH DISTINCTION: \$1,000 each entry

ENTRY #	NAME	ADDRESS
000121	Hanford Yang James Ho	New York, NY
000136	Gaspere Malek Humberto Betancourt	Glendale, NY
000174	Hanno Weber Wojciech Lesnikowski Katherine Keane Joseph Heinowski	Chicago, IL
000206	Kyung-Suk Kim	Arlington, VA
000220	Michael Siegel John Shuttleworth	Chicago, IL

HONORABLE MENTION: \$1,000 each entry

ENTRY #	NAME	ADDRESS
000113	Jim Merriman David Wagner Pete Macrae Pat Boyles Robin Davis Scott Sonderman	Charlotte, NC
000118	Terry Steelman Mark Chen Craig Spangler	Boston, MA
000157	Miloslav Cekic Frederick Narks David Sweeney Jeff Paz Richard Brown Phil Scott, Jr.	Austin, TX
000208 000219	James Ream Douglas Pasma	San Francisco, CA Chicago, IL



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Lincoln (Illinois Militia). 12. MSgt. Ronald Smith (Army Reserve). 13. Senator Barry Goldwater (Air Force Reserve). 14. Sgt. Mary Y. Corral (Air National Guard). 15. Senator John Warner (Naval Reserve). 16. Theodore Roosevelt (U.S. Volunteer Regiment). 17. Jack Lord (Naval Reserve). 18. Ed McMahon (Marine Corps Reserve). 19. Gov. Charles Robb (Marine Corps Reserve). 20. Russell Schweickart (Air National Guard).

Jackson, Lincoln, Washington, Courtesy of: National Gallery of Art, Washington, D.C. Truman, Lindbergh, Roosevelt, Courtesy of: National Portrait Gallery, Smithsonian Institution, Washington, D.C.

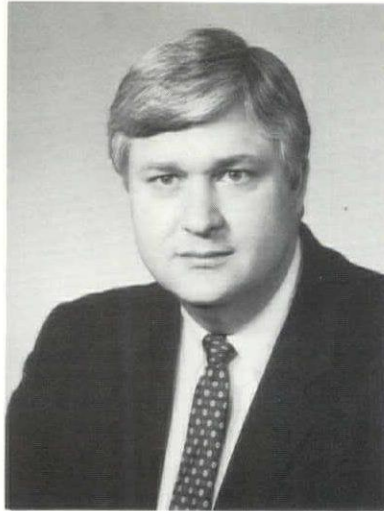
Schelter Retires—Farnham Named By Associated General Contractors of Va.

John B. Farnham has been selected as the new Assistant Executive Director of the Associated General Contractors of Virginia, Richmond. He succeeds Louis J. Schelter whose retirement became effective April 30.

Schelter has been a vital part of AGC/Va. since 1975. His gifts for organization and attention to detail have given additional strength to AGC/Va.'s expanding programs.

Farnham has been Assistant Executive Director of the Detroit Chapter of AGC since 1980 and was a member of the Michigan AGC staff from 1977 to 1980. Previously he had served on the staff of the Easter Seal Society in Michigan and Missouri.

His educational background includes a Bachelor of Science degree from Northeast Missouri University in Speech Therapy and Audiology, and graduate work at the University of Missouri in Public Health Administration.



John B. Farnham

Virginia Construction Industry Leaders Meet with President Reagan and Others

Construction industry leaders from all over America met, on April 2, with President Reagan and key administration officials, including Attorney General Edwin Meese, Joseph Wright of the Office of Management and Budget, and senators and representatives, to discuss construction industry matters.

Leaders who attended the meeting from Virginia were: Lester L. Hudgins, Hudgins Construction Co., Inc., Newport News; Robert E. Kersey, Commercial Builders, Inc., Norfolk; and Henry Taylor, Jr., Taylor & Parrish, Inc., Richmond.

Featherman Distributors to Represent Mid-State Tile

Mid-State Tile has announced the addition of Featherman Distributors to its distributor network.

Located in Linthicum Heights, Maryland, Featherman will distribute the entire line of Mid-State products. Servicing the areas of Baltimore/Washington and Northern Virginia, Featherman will augment their distribution with delivery and outside sales representation. A showroom facility is available to specifiers and retailers in that area.

A Mannington distributor, Featherman also handles Kentile and sundry products. President Bill Featherman feels strongly about being a complete floor covering store. "With the addition of Mid-State Tile, we can realize the growth potential that ceramic tile offers. Mid-State offers us the merchandising tools to make an impact in the industry."

For additional information on Mid-State products and available distribution areas, contact Briggs Leonard, Director of Customer Services, Mid-State Tile, P.O. Box 1777, Lexington, North Carolina 27292, (704) 249-3931.



Representatives of Featherman Distributors don Mid-State caps as they prepare to service the Baltimore/Washington and Northern Virginia areas. (l to r) Briggs Leonard, Director of Mid-State Customer Services; Frank Marini, Don Stiffler, Paul Milam, Stefan Falk, Featherman Representatives; Bill Featherman, President of Featherman; Phil Davis, Mid-State's National Sales Manager.

'Rites of Passage ...'

Exhibition At The Lyceum, June 17-Oct. 30

"Rites of Passage: Growing up in Nineteenth Century Alexandria," an exhibition researched and produced by twentieth century teenagers, will run from June 17 through October 30 at The Lyceum, Center for Alexandria Heritage.

"Rites of Passage" presents the experiences of children maturing into adults and their lifestyles and interests through a display of period clothing, recreated settings and historic photographs. Objects representing family life, schooling, amusements, working and the impact of the Civil War are on loan to The Lyceum from area institutions, including the Loudoun Museum and the Fairfax County Park Authority.

Visitors can view the exhibition daily from 9 a.m. to 5 p.m. at the newly-renovated Lyceum, Center for Alexandria Heritage, June 17 through October 30, 1985. The Lyceum is located at 201 S. Washington St. in Alexandria.

Thirty-three students from six Alexandria and Northern Virginia high schools—T.C. Williams, St. Agnes, Groveton, Bishop Ireton, Langley, and St. Mary's Academy—researched, designed and produced the exhibition on nineteenth century adolescents. Students attended weekly sessions from October through April meeting with staff from the Office of Historic Alexandria, the Smithsonian Institution, the National Park Service and other museum professionals. The students developed their research skills and were introduced to museum principles and practices such as curatorial work, writing exhibition labels and designing exhibitions. The Youth History Project was funded by a grant from the National Endowment for the Humanities.

Aspects of teenage life illustrated in the exhibition show history from an adolescent's point of view.

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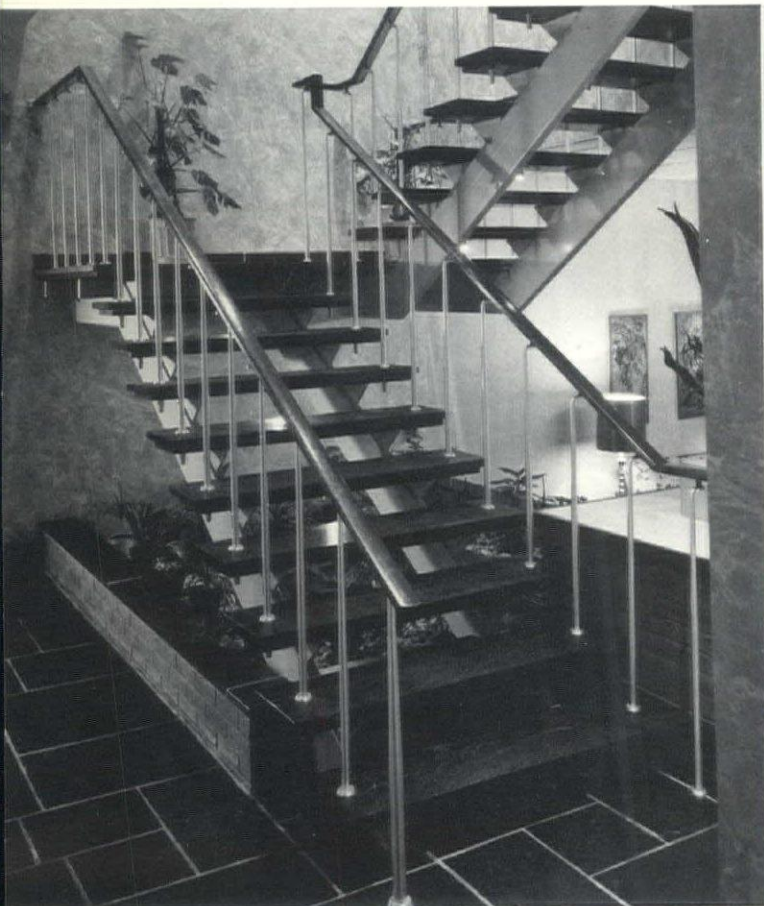
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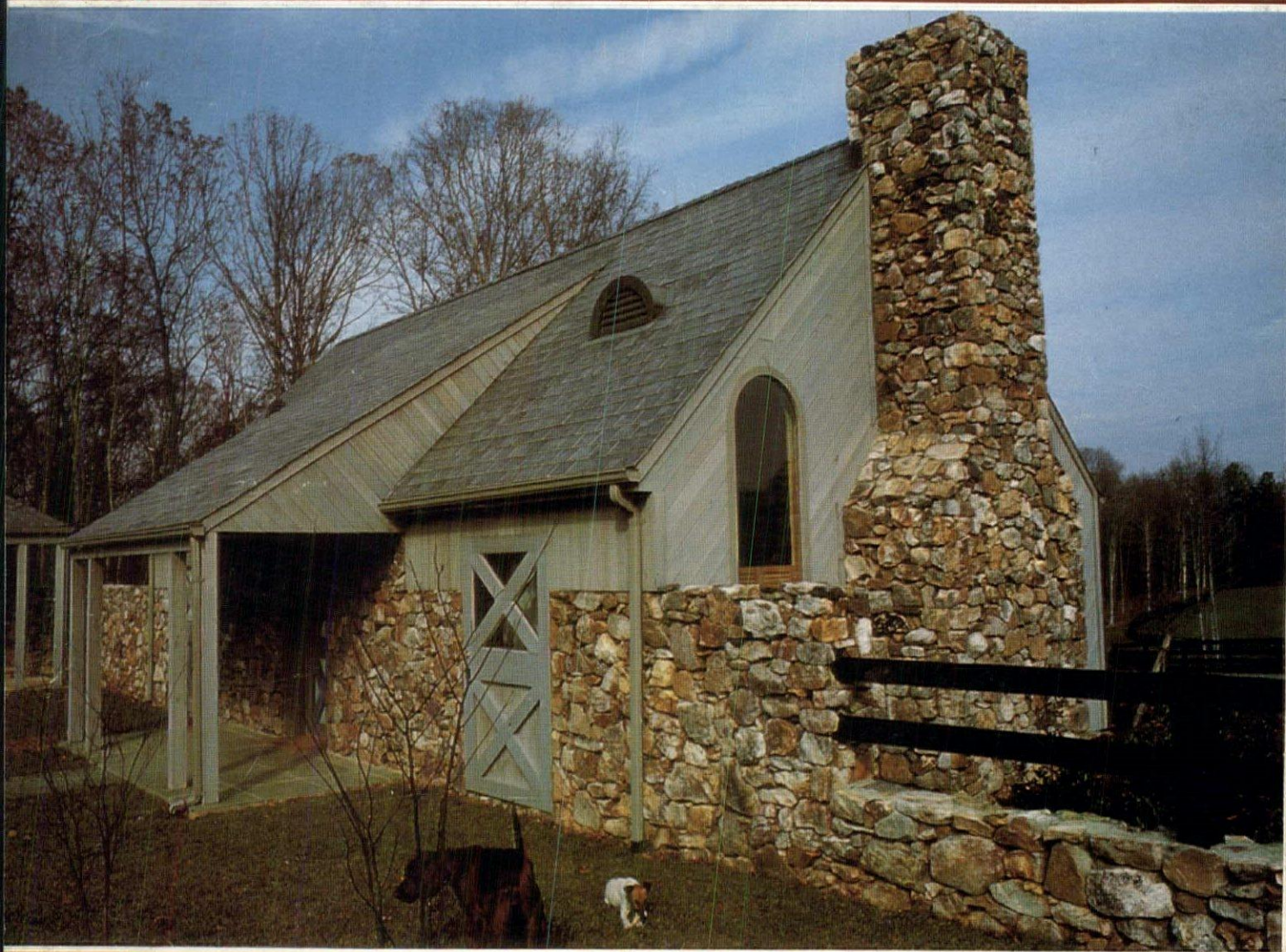
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(Above and right) Woody's Funeral Home, Parham Chapel, Richmond, Va.
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