

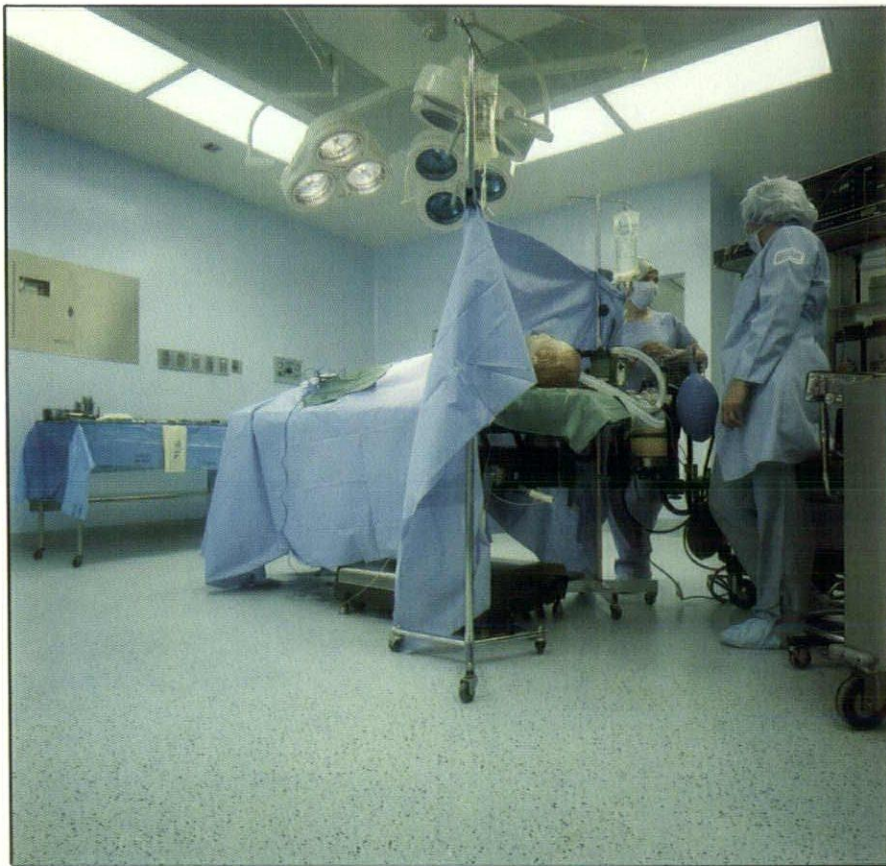
VIRGINIA RECORD

JOURNAL OF THE VIRGINIA SOCIETY OF THE AMERICAN INSTITUTE OF ARCHITECTS

MAR./APR. 1986

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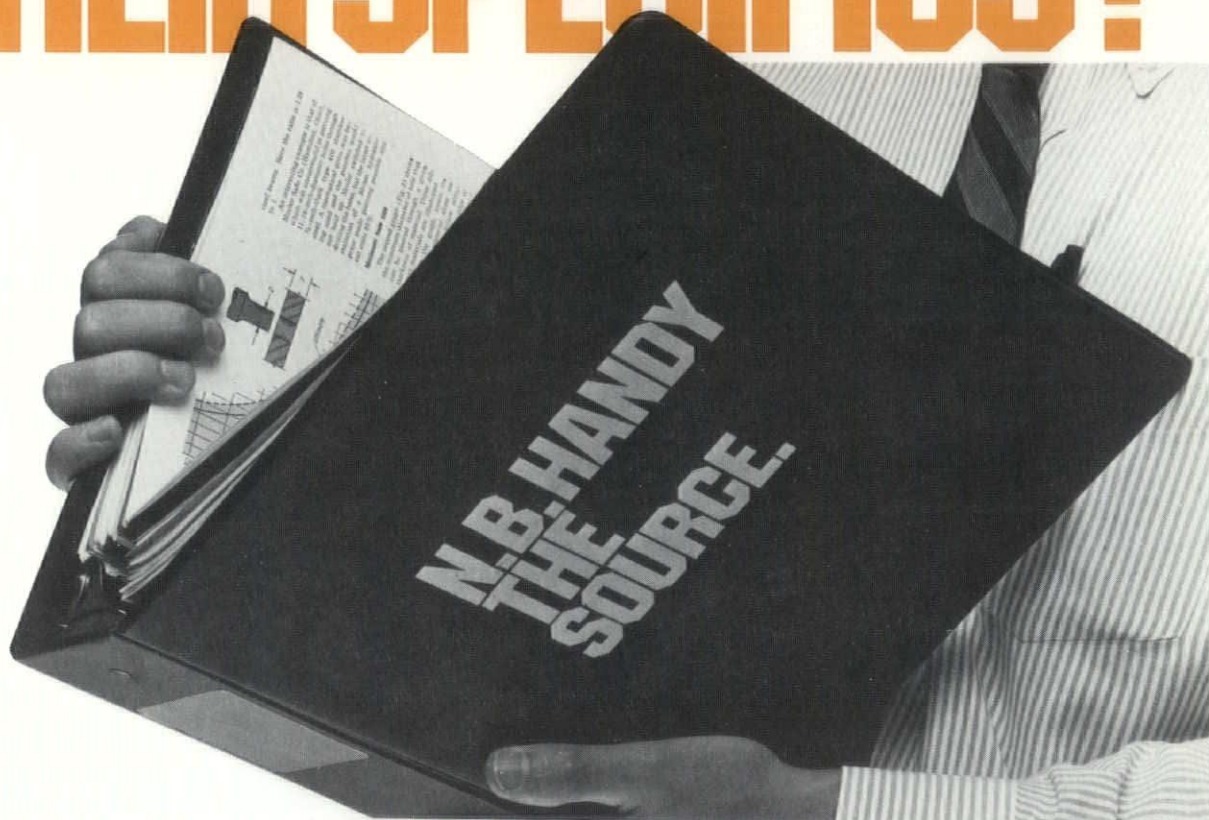
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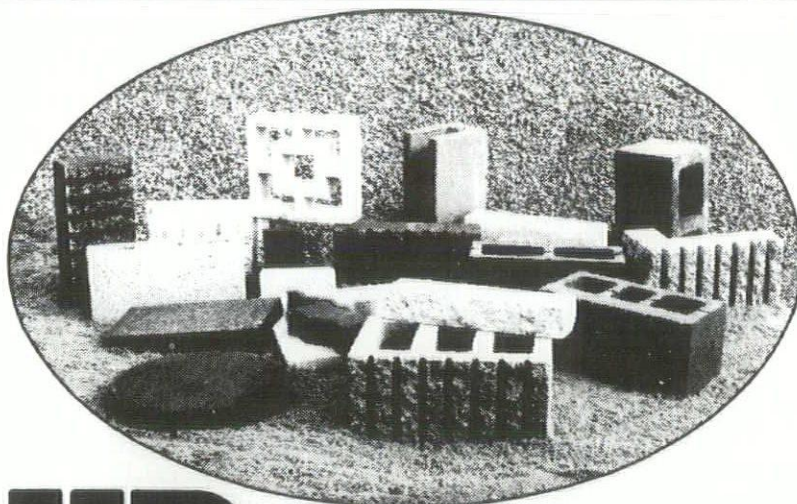
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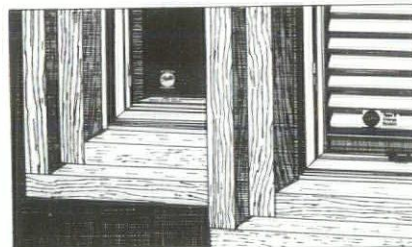
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MAR./APR. 1986

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Volume 108—Number 2

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COVER

On our cover is a staircase at the 2911-2915 Grove Avenue Medical Offices, designed by SB Architect of Richmond. The project is presented on page 28 of this issue. (Cover photograph by Whitney Cox)



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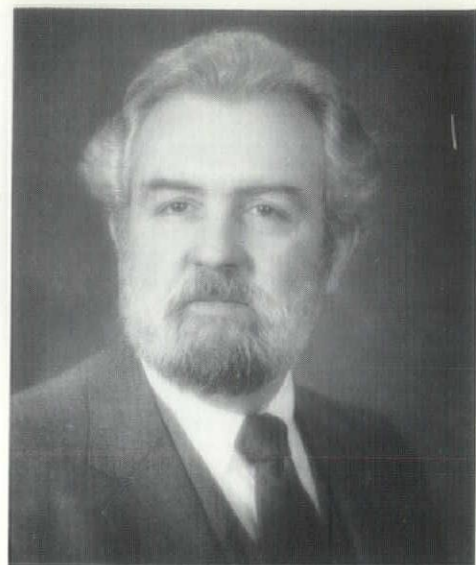
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PRESIDENT'S MESSAGE



William C. Monroe, AIA
President
Virginia Society, AIA

This year's theme for the Virginia Society of Architects is, "A Region for Excellence." Will it be just another catchy phrase or will it be an idea we can build a program around and hitch our hopes to? The optimist in me says the latter and I intend to work toward that end.

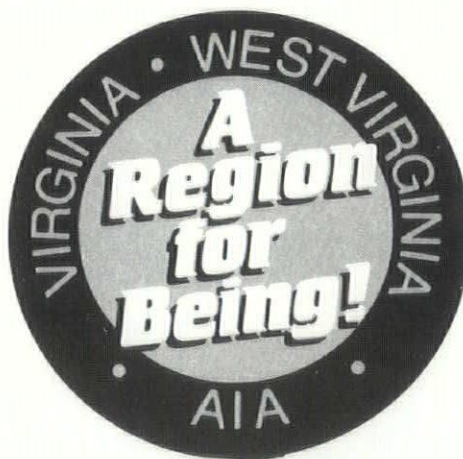
As you have guessed the theme grew out of Thomas J. Peters and Robert H. Waterman's book, *In Search of Excellence*. The title continues, "Lessons From America's Best-Run Companies." We plan to get ideas from some of the best-run Chapters and Societies as we go through this year. We will also be sharing some of our ideas because, as Dick Ford, Bob Boynton, and I discovered last year, ours is one of the best-run components in the American Institute of Architects.

What will be the effect of a program promoting excellence on the Region, Society, Chapter, and Member?

I believe the Region will be an effective and influential body because of the leadership of those now engaged in the design of its structure. The weaknesses and defects of other Regions were studied so as to avoid them in ours and we will be giving the new Region a "shake-down cruise" this year to work out any operational difficulties. This well designed structure along with our experienced members should insure our leadership position in the Institute.

Many challenges face the Society this year. The Boy Scout motto, "be prepared," and the Girl Scout theme, "in tune with the times," can be

applied by us "Old Scouts" too. We're going to be prepared to react to the General Assembly as they introduce and debate Bills which affect the practice of architecture. We will seek ways to help our Associates to be prepared for practice



through the Intern-architect Development Program. We're going to be in tune with some new ideas such as public membership and expanded computer capabilities. We're also going to be

more in tune with the Chapters by recognizing their best programs so they can be shared with the other Chapters and the Institute.

I feel the Chapters will be more effective with the support of the Society and the other Chapters. Areas of particular interest are Honors, Practice, and Government Affairs. Each Virginia Chapter is unique in many ways and in many ways they are alike. Nowhere is this more closely evident than in our Society Board meetings. In my judgement, this is the source of our corporate strength. The unique points of view expressed by the Chapters on issues facing the practice of architecture in the Commonwealth of Virginia stimulate debate and bring about sound actions to the benefit of all. Like siblings threatened by an outsider our sister Chapters can stand tough together too.

With the success of each of the above in creating a better atmosphere for the practice of architecture we Members and Associates can devote a larger percentage of our time to the promotion of excellence in planning, design, production and construction of the built environment.

As we launch this year with the theme, "A Region for Excellence," let each of us find "a reason for excellence" and pursue it.



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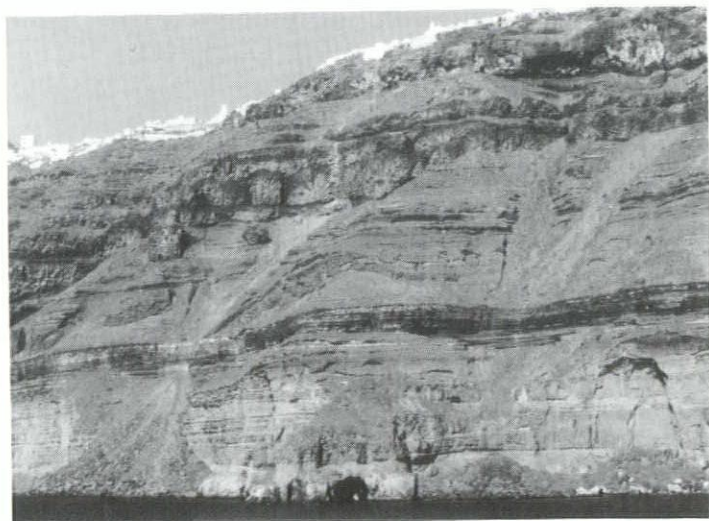
The "Burnt Islands"—the new active volcano in the middle of Santorini's crater. The far edge is barely visible.

'ATLANTIS?'

I felt instinctively that the Aegean island of Santorini (Saint Irene) must have been the Atlantis of the ancients. As one approaches from the sea, the shore-to-shore distance of the outer rocks and islands ringing the caldera indicate that the original land mass must have been about the size of the District of Columbia and mountainous. Where there was land, now there is only a broken rim, a residue from a volcanic event 3500 years ago; an island collapsed into the subterranean magma void beneath it. Mt. St. Helens and Krakatoa were relatively puny. When conjuring up the outline of the original island, one sees something big enough to meet the Atlantis description.



Dizzying perspective of a path at the edge of the precipice.



The ominous, sheared-off cliff, composed of layer after layer of volcanic debris—the Town of Thera on top.

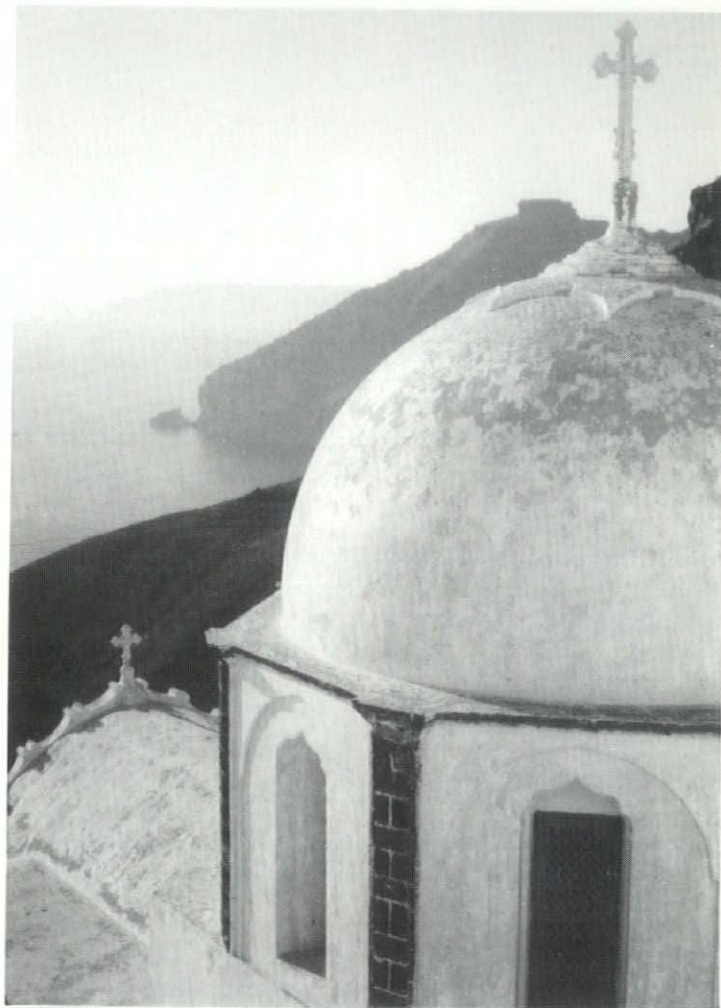
The volcano is still active. Centered in the Bay of Santorini are two low cinder islands, the Burnt Islands, raw and sharp-edged, the reminder that the latest lava outpouring came well after World War II.

The bay is spectacularly beautiful. Crater sides rise 1000 feet from a cobalt blue sea, in shades of brown, black, and tan. Several towns appear as melting snowfields along the ridge. Buildings are whitewashed and glisten in the Mediterranean sunshine. The color green is strangely absent from the scene.

There is no harbor. All ships anchor out, and access to the quay is by lighter. From the quay to the town of Thera is a steep switchback pathway, alive with saddled donkeys and mules. This is Thera's elevator system. One can hike up or ride the animals, but the combination of slippery stones, fresh dung, smoke from smouldering litter, and the flying hooves of mules makes riding a relative attraction. Once beyond the tourist shops at the head of the path lies a Grande Scène.

From the crest of the town one looks down the funnels of the cruise ships below, so small as to be unrecognizable as real ships. The bay shimmers with bright and widespread sun reflections, painful to look at. The volcanic islets float in the middle, flat and remote. The full extent of ancient Santorini can be felt by scanning the pieces of crater rim remaining. Here was a country which is no more.

For all the scenic beauty of the place, it speaks of an implied tragic future, a feeling which emanates from the sight of the Burnt Islands and the unvegetated cliffs of the caldera. Sections of the towns are laced with abandoned buildings, legacies of past earthquakes. One looks about at the sunwashed white barrel-vaulted houses and senses a contradiction. Why should man want to repopulate such a powder keg? When one realizes that the outer slopes of Santorini support superb vineyards in the rich volcanic soil, part of the answer is clear. The wines of Santorini are worth the gamble.



Rockport, Mass. has its "MOTIF #1";
Thera has "SAINT IRENE'S ON THE BRINK"

On the southeast low shore of Santorini, archeologists have uncovered an ash-buried Minoan town, as informative to modern man as was Pompeii. The frescoes discovered there are in better shape than those recovered from Knossos. The culture existing on Minoan Santorini was the equal of that uncovered on Crete. It is speculated that massive earthquakes and the huge tidal wave accompanying the cataclysmic collapse of Santorini wiped out the Cretan shore towns and the Minoan Empire. The Minoan epoch and this Aegean Atlantis disappeared together. Inside this Santorini caldera, one feels that the events must have been connected.

Eason Cross, Jr., FAIA

<< COMMENTARY >>

by Marvin J. Cantor, AIA

.....One Code, Indivisible, With Liberty and Justice For All.....

Back in the early 'forties and 'fifties, it was estimated that over 3,000 different major building codes were in use throughout the United States. Today, we have simplified matters considerably with three major model building codes used in most of the country (Uniform Building Code in the Far West, Southern Building Code in the South East and South Mid-West, and the BOCA Building Code in the North East and North Mid-West) and a number of the major cities with their own codes. This is considerably less than 3,000, but why can't the U.S. have one major code?

Today's environment has long-distance telephoning that is many times easier than even the shortest local call process back at the turn of the century. Document copying can be done in minutes . . . coast to coast! Air travel has been made affordable so that in many instances it is more economical than the train or driving one's own car, and this puts virtually any part of the country no more than five-six hours away. Communication has made the entire country one large "town." Accordingly, it is no longer unusual or out of the ordinary for architects to

practice in a multi-state mode. With the successful actions of NCARB overcoming that last "states rights" province of professional licensing, the major obstacle facing the interstate architect today is the various local and provincial building codes he must face.

Now I submit that fire safety is no more strict or less important in Spokane than in Miami—exiting should be just as much of a concern to San Antonians as it is to the New Yorker—Seismic Design is taught in all of the major architectural schools and is no longer the exclusive province of the Rocky Mountain states—Wind Loading is of concern to North Dakota as it is to the hurricane prone states along the Gulf Coast. All of the model codes treat these subjects in more or less similar fashion.

The item that seems to be of utmost importance to these code authorities is the "protection of their turf." They are interested in keeping "their headquarters" fully staffed, "their publications" printed for profit, and "their" pre-eminence in the code field above everyone else—and meanwhile the architect practicing in various jurisdictions must resort to involuntary joint ventures or associates in a local project, or retain the "building permit expeditors" (which is very often a euphemism for conduct that architects would prefer not to get involved in).

Invariably "one code" brings spectres of "big brother watching" and federal inefficient bureaucratic meddling to mind—but we do have national standards referenced by all of the building codes (ASTM, ASHRAE, OSHA, ANSI, etc.)—why not one building code?

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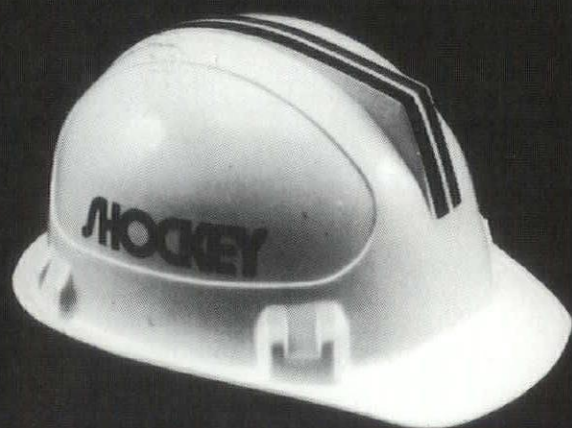
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JAMES RIVER CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS

1985 DESIGN AWARDS COMPETITION

The James River Chapter of the American Institute of Architects held its first Design Awards Competition in 1985. A total of 36 submissions were received.

Out of these, 13 were selected as winners by a three-man jury. Jurors for the Competition were: Thomas A. Kamstra, Chairman; Michel C. Ashe, and Andrew M. Lewis.

The awards, in three categories—First Honor Award; Honor Awards; and Merit Awards—were formally presented to the winning firms on November 20, 1985.

FIRST HONOR AWARD



2911-2915 GROVE AVENUE, Richmond
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General Contractor: Evans Construction, Inc.,
Richmond
Photograph: Whitney Cox
Cover story project for this issue—
VIRGINIA RECORD, March/April 1986

HONOR AWARDS



FOXCROFT SCHOOL INFIRMARY AND FACULTY HOUSES
 Architect: Vickery Moje Drinkard Oakland Architects, Charlottesville
 General Contractor: R. E. Lee & Son, Inc., Charlottesville
 Photograph: Harlan Hambricht



RED HILL ELEMENTARY SCHOOL
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 General Contractor: Rittenhouse Brothers, Scottsville
 Photograph: Harlan Hambricht

MERIT AWARDS

CHATHAM HALL—DABNEY HALL STUDENT CENTER RENOVATION
 Architect: Vickery Moje Drinkard Oakland Architects, Charlottesville
 General Contractor: Blair Construction Company, Gretna
 To be featured in *VIRGINIA RECORD* July/Aug. 1986

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THE DIAMOND, Richmond
 Architect: Baskervill & Son, P.C., Richmond
 General Contractor: McDevitt & Street Co., Richmond
 See *VIRGINIA RECORD* Sept./Oct. 1985

STAUNTON FIRE STATION, Staunton
 Architect: Vickery Moje Drinkard Oakland, Charlottesville
 General Contractor: H. A. Lucas & Sons, Inc., Roanoke

FIREHOUSE 14/6, Richmond
 Architect: DePasquale & Associates, Richmond
 General Contractor: Viking Enterprise, Inc., Richmond
 See *VIRGINIA RECORD* July/Aug. 1984

UNITED VIRGINIA BANK HEADQUARTERS BUILDING, Richmond
 Architect: Lee, King, Poole & White, Richmond
 General Contractor: J. A. Jones Construction Co., Charlotte, NC
 To be featured in *VIRGINIA RECORD* May/June 1986

THE RESTORATION OF MITCHELLS CHURCH, Culpeper County
 Architect: Browne, Eichman, Dalglish & Gilpin, P.C. Architects, Charlottesville
 General Contractor: Home Preservation, Inc., Charlottesville
 See *VIRGINIA RECORD* Nov./Dec. 1985

VIRGINIA SUPPLEMENTAL RETIREMENT SYSTEM, Richmond
 Architect: Glave Newman Anderson Architects, Richmond
 General Contractor: Davidson & Jones Construction Co., Raleigh, NC
 See *VIRGINIA RECORD* July/Aug. 1984 and Sept./Oct. 1985

PRIVATE RESIDENCE, Goochland County
 Architect: M. Jack Rinehart, Jr., Architect, AIA, Charlottesville
 Builder: Will & Cosby, Inc., Richmond

WOODBERRY FOREST SCHOOL
WALKER BUILDING RENOVATION "COMMUNITY STREET"
 Architect: Vickery Moje Drinkard Oakland Architects, Charlottesville
 General Contractor: R. E. Lee & Son, Inc., Charlottesville

VIRGINIA SOCIETY AIA NEWS

START

↓

ARCHITORTURE
a
career
development
game

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CLIENT BRINGS
PROJECT TO HOT-SHOT
ARCHITECT

PROJECT TO BE
COMPLETED IN
THREE WEEKS
ASAP

ARCHITECT
LOSES HAIR FOR NEXT
THREE WEEKS

DRAFTING ROOM IN
STATE OF CONFUSION
= LOSE ONE DAY

ARCHITECT PREPARES 15
SCHEMES FOR REVIEW -
CLIENT LIKES ALL BUT 14
= GO BACK TWO SPACES

PRIME RATE UP 2 POINTS.
CLIENT'S BLOOD PRESSURE
UP 10!

LOCAL BOARD
ADJOURNS EARLY
FOR MONDAY NIGHT
FOOTBALL - LOSE
2 WEEKS

**DRAWING
BOARD**

CLIENT APPROVES 13
UNKNOWN CONTRACTORS
TO BID PROJECT

MY LATEST
JOB

LOW BIDDER IS HIGH
(HIC!) & OVER BUDGET.
RETURN TO THE
DRAWING BOARD!

CONTRACTOR COMPLETES
PROJECT 60 DAYS LATE
AFTER 60 CHANGE ORDERS.
= LOSE 60 WINKS

AT LAST, PROJECT IS
READY FOR OCCUPANCY -
NOW, SPIN WHEEL OF
FORTUNE PENCIL TO
RECEIVE
"JUST DESERTS"

LOCAL BOARD CONSIDERS
LOWERING DENSITY - CLIENT
CONSIDERS LOWERING
ARCHITECT'S FEE - LOSE \$100

ARCHITECT REVISES
DRAWING - CLIENT REVISES
OPINION OF ARCHITECT.

LOCAL BOARD
APPROVES ZONING!
CELEBRATE AT
JOE'S BAR!

ARCHITECT'S RENT
INCREASES

CLIENT CONSIDERS NEW
DESIGN CONCEPT
ARCHITECT CONSIDERS
JOB AT McDONALDS!

ARCHITECT REVISES
DRAWINGS AGAIN - BUYS
STOCK IN PINK PEARL
ERASER COMPANY.

CLIENT INTRODUCES
ARCHITECT TO HIS
NEPHEW, THE ENGINEER

WHEEL OF FORTUNE CARDS

<p>1 AS-BUILT PLAN INDICATES PROJECT ON WRONG SITE! ARCHITECT IS CITED.</p>	<p>2 CLIENT LETS ARCHITECT KNOW, "THE CHECK IS IN THE MAIL".</p>
<p>3 CLIENT LEARNS CHANGE ORDER #37 DELETES PLUMBING ARCHITECT IS FLUSHED!</p>	<p>4 OWNER GOES BUST! ARCHITECT LOSES PANTS AND SANITY. [SO WHAT ELSE IS NEW?]</p>
<p>5 PROJECT IS PUBLISHED! IN "TODAY'S LIABILITY" MAGAZINE.</p>	<p>6 ARCHITECT WINS A.I.A. (AMATEURS IN ARCHITECTURE) AWARD.</p>

SLICE OF
LUCK

CONGRATULATIONS. CLIENT PAYS IN FULL. BEFORE FUNDS RUN
OUT UPDATING BROCHURE, RESPONDING TO RFP'S IN THE CBD,
AND WINING & DINING PROSPECTIVE CLIENTS, YOU LAND
NEW JOB - AN ADDITION TO YOUR UNCLE'S PRODUCTS
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MESSSENGER LOSES ORIGINAL
TRACINGS - HALF-SHOT
ARCHITECT LOSES SANITY.

DRAWINGS
COMPLETE

OLD SECRETARY RETURNS
THINGS BACK TO
NORMAL

ARCHITECT CALLS "NEPHEW"
ENGINEER - DISCOVERS
LONG DISTANCE CALL TO
UTAH VERY EXPENSIVE.
= PAY \$50.00

Go back to
drawing board.
Do not stop at
Joe's Bar. Do
not collect fee.

ENGINEERING WORK BY
"NEPHEW" APPEARS TO MEET
ALL REQUIREMENTS OF
ANOTHER STATE.
= LOSE TWO TURNS

PRIME RATE UP 1 POINT
PINK PEARL ERASERS
DOWN 3/4
LOSE \$100.00

NEW SECRETARY HIRED
CAN'T SPELL OR TYPE
"sacratery"

SECRETARY FINDS NEW
WORK ELSEWHERE!

ARCHITECT FINDS
NEW DRAFTSMEN

ARCHITECT SPENDS NEXT
THREE WEEKS DEVELOPING
DRAWINGS & ULCERS!

ENGINEER GOES TO
BAHAMAS FOR ONE MONTH.
GO BACK 2 SPACES

GO FISHING

NEW AND IMPROVED "ARCHITORTURE" © 1985 BY BARKLEY-PIERCE ASSOCIATES IN CELEBRATION OF THEIR TWENTIETH ANNIVERSARY.

AIA's 1986 National Convention

San Antonio Meeting will Focus on 'The American Architect'

William C. Monroe, AIA, will head the Virginia Society AIA delegation attending The American Institute of Architects' 1986 National Convention in San Antonio. The June 8-11 confab will offer myriad opportunities to help architects sharpen their design and practice skills, master new technology, receive adequate compensation, confront liability problems and rekindle their commitment to public service.

The convention theme, "The American Architect," will be interwoven throughout a diversity of practice-applied learning experiences. Five plenary sessions will explore major issues affecting the American architect, such as opportunities and responsibilities of architects working in the public sector, and the impact of economic trends and liability concerns on the profession.

Six full-day workshops will address key practice issues, including marketing and computers, and three programs will focus on design-related topics, such as housing the homeless, interiors and design awards. Educational programs will examine practice topics ranging from asbestos abatement to expanded architectural services, and consultations with design leaders will give architects a series of one-on-one learning experiences.

The convention will also offer case studies highlighting urban design features that make San Antonio a special city.

Six key facets of the multifaceted architectural profession will be explored throughout the convention:

—"Setting New Priorities" will examine how the fast-growing, fast-changing architectural profession is at a turning point—never before have so many entered the profession, and never have so many architecture graduates explored non-traditional ways to put their training to work. The convention's professional development programs and theme explorations will examine options for architecture graduates and practitioners and seek to discover who's opting to pursue other than traditional practices—and why.

—"Creating New Frontiers" will focus on the latest technology and state-of-the-art products and services, such as computer-aided design and drafting, available to architects. A series of seminars will complement the AIA's largest exhibit of new products and technology, featuring more than 500 booths, to bring architects up to date on technological research, development and innovations.

—"Taking Responsibility" will celebrate the achievements of American architects in bringing quality to the built environment, most notably in the convention city, where the San Antonio River Walk has transformed "a little river into an idyllic setting of cool water and lush vegetation" that is a 1.8-mile masterpiece of urban design, according to jurors who awarded it an AIA Institute Honor in 1984.



Plenary theme programs will seek to challenge architects to continue their contributions to society:

—"Confronting Risk" will address the most serious problem threatening America's architects, engineers and physicians today—professional liability. To help professionals deal with booming litigation and skyrocketing insurance premiums, the convention's theme programs will invite key liability experts to probe, debate and lay out courses of action for architects whose responsibilities—and risks—have become too costly.

—"Making Practice Perfect" encompasses the broad range of professional development programs to help architects succeed in practice. The convention will offer practice-centered seminars and workshops; case studies on San

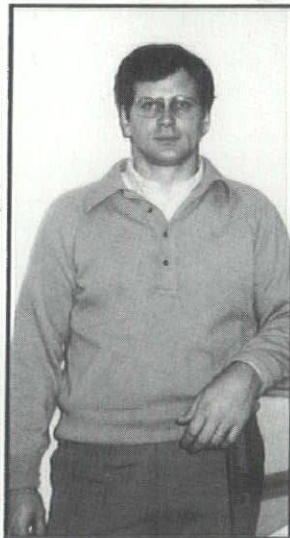
Antonio, the Southwest and Mexico; professional interest programs, and the small-group consultations on topics from marketing to microcomputers.

—"Designing Excellence" will honor projects and professionals exemplifying the best that architecture has to offer. In addition to presentations of the Honor Awards and Institute Honors, and the investiture of new AIA Fellows, the convention will recognize design excellence through special exhibits on furniture, interiors and religious architecture as well as works by architecture students and professionals.

All business sessions, professional learning programs, theme programs and exhibits will be in San Antonio's newly expanded Henry C. Gonzalez Convention Center.

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COMPETITIONS AND AWARDS



Essex Centre Wins Top Masonry Award In Category 'B' for Ivy-Wall-Limited

The Virginia Beach firm of Ivy-Wall-Limited, Architects, recently won First Place in the Virginia Masonry Council's 1986 Excellence in Masonry Design Awards Competition for the design of Essex Centre in Virginia Beach. The award was in Category B (masonry construction cost between \$100,000 and \$250,000) and was presented by Daniel W. Marshall, III, President of the Virginia Masonry Council, at their Ninth Annual Design Seminar held at the Richmond Marriott on Thursday, February 20, 1986. Awards were given based on aesthetic design and use of masonry in construction.

Essex Centre is a three-story office building located at the intersection of Kellam Road and Columbus Street in the Pembroke area of Virginia Beach. The building's exterior design reflects the owner's desire to combine brick masonry with arches. Dramatic main entry arches open onto a three-story atrium topped with a plaster groin vault. Repetitive arch forms enclosing window bays around the building complement the main entry arches. Essex Cen-

tre acts as a buffer between a neighboring residential community and the Pembroke central business district of Virginia Beach. Horizontal bands which help to relate the scale of the building to its neighbors are marked by single courses of dark flashed brick and stacked bond brick panels between the window bays. The masons were required to offset the dark bands slightly to accent its lines. In addition, a continuous recessed band of soldier coursing creates a cap at the top of the building.

The segmented arch forms presented some very unusual problems in brick veneer construction, particularly the support of soffit brick and the transfer of arch thrust forces. The brick veneer is tied to a structural steel frame and steel stud exterior walls. Engineering and execution of the arch shapes included research and consultation with the Brick Institute of America.

The firm of Ivy-Wall-Limited was established in 1982, with Richard J. Ivy and Edward R. Wall as principals. Construction Manager for the Essex Centre project was C. M. Associates of Virginia Beach. Snow Jr. and King acted as masonry subcontractor; the masonry was supplied by Webster Brick Company. Essex Centre is owned by Columbus Business Centre Associates, E. Kenneth Day, General Partner. The building was completed in October of 1985. (ED. NOTE: Essex Centre will be among the featured projects in the May/June issue of VIRGINIA RECORD)

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CONSTRUCTION NEWS

Murray & Associates Handling Renovations and New Work

LONGFELLOW SCHOOL ACOUSTIC RENOVATION

One of a generation of Open Plan schools, the Longfellow Elementary School, in Columbia, MD., will be somewhat less open, but also quieter, as the result of a recently approved \$230,000 "acoustic renovation." Murray & Associates of Alexandria are architects for remodeling the 39,000 square foot building, originally completed in 1969 by the Howard County School Board.

The unique hexagonal plan configuration at Longfellow seems to act like an "acoustic funnel" channelling sounds from the centrally located Media Center (Library) into each of the four Instructional Pods (clusters of four open plan classrooms). The sound generated by Audio Visual activities frequently distracts listening activities in the instructional areas.

Architect Jo Anne Murray explains that where now open balconies in each Instructional Pod overlook the Media Center, new neoprene gasketed window walls will be added to maintain the present feeling of openness, but will serve to contain sound. Additional sound-absorbent panels will be added in the Media Center to prevent further noise reflection.

Once inside the Instructional Pods, the addition of new heavy-duty folding partitions will provide teachers the flexibility of classroom options: two of the teaching stations in each Pod will now be able to be easily subdivided for acoustic privacy.

Construction is scheduled to begin in June 1986.

GWU TO RENOVATE MARVIN CENTER LINK

George Washington University's Marvin Center Concession Concourse will get new shops and a new look under a plan developed by Murray & Associates Architects. Awnings, streetlights and park benches will lend a whimsical outdoor touch to the below-grade space, a busy link between the main library and the university bookstore on the student center's lower level.

"We find student centers are changing to appeal to a more sophisticated student population, and to meet increasing competition from surrounding neighborhoods," says the architect. She says that the Marvin Center remodeling will not only create a new image on a modest—approximately \$150,000—budget, but will also provide

more service and activity options for students with time between scheduled classes. The revamped space will provide a remodeled newsstand, cafe, travel agency, student organization storefronts, telephones and an automatic teller machine, as well as several brand-new shops. Start of construction is set for June of this year.

BURGER KING ADAPTS TO BETHESDA METRO COURT

The Burger King outlet at Bethesda Metro Center is nearing completion. Designed by Alexandria architects Murray & Associates, the eatery will be not just conveniently located, right under the clock tower of developer Alan I. Kay's new Bethesda Metro Center office and commercial complex, but will be a relatively low key departure from standardized franchise restaurant design.

Architect Jo Anne Murray has taken the design cue from Metro Center's food court—a ring of fast food establishments where Burger King's will be the only burgers—creating counters wrapped in a pattern of white and green tile checkerboarding. The tile patterns and colors will complement both the food court's visual theme and Burger King's strong, mostly red graphics.

The food court, easily reached from the Metro station itself, is one piece of the development which includes shops, office buildings and a Hyatt hotel. Burger King and most other food court restaurants are expected to open in early 1986.

Architects Awarded Postal Station Contract

Washington Associates, Inc., recently announced that the firm has been awarded the contract to design the new Lafayette Postal Station in Norfolk.

Washington Associates will be responsible for designing the 12,000 square foot facility to be located at the intersection of Tidewater Drive and Hancock Avenue. Situated on 1.4 acres, the facility's construction costs are estimated at \$900,000.

Upon completion in early 1987, the Lafayette Postal Station will serve 26 routes, five of which are delivered on foot and the other 21 by motorized vehicles. Major space allotments in the facility will include: service; self service and

box lobby; support spaces; workroom; mailing platform; and carrier, employee and public parking area. Additionally, the complex will be designed to blend in with the surrounding neighborhood.

Wayne Mortimer, AIA, will be the Project Manager representing Washington Associates. Washington Associates, Inc. was founded in 1970 and currently maintains offices in Richmond and Norfolk.

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ERROR CORRECTION:

The word OUTSULATION should not have been used in the Nov./Dec. issue of Va. Record by M E M Interiors, Inc. according to a letter dated 1/29/86 from Joe Conrath of the Conrath Company. Our sincere apologies.

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CORRECTION



Caption Omitted

Fuzzy was quite concerned that the staff caption was inadvertently omitted from the January/February coverage of Lawrence Cook and Associates' National Energy Award. The caption, had it been printed, would have read . . . Lawrence Cook Associates, P.C. current staff includes: Lillian Mitchell, Associate AIA; Lawrence Cook, AIA; Joe Taylor, AIA; (and, seated) Fuzzy, Solar Consultant; Rick Sasaki, VPI Intern; and Joan Thomas, AIA.

INFORMATION AND SERVICES

Architects Sponsor Career Video On COLLEGE USA

Six national architecture organizations have commissioned COLLEGE USA, the laser videodisc college selection system, to produce and distribute its "Careers in Architecture" video to high school students nationwide.

The National Architectural Accrediting Board, American Institute of Architects, American Institute of Architectural Students, Association of Collegiate Schools of Architecture, National Council of Architectural Registration Boards, and the National Institute of Architectural Education have joined forces to sponsor the action video to educate dedicated students as to the demanding college curriculum and stringent accreditation and licensing procedures required to practice architecture today.

The dynamic six-minute, full-color video presentation encourages students to explore the challenges, rewards and practical aspects of the academic preparation for, and working as an architect.

COLLEGE USA produced the video with still and motion footage provided by the American Institute of Architects, Rouse Company, VVCR Incorporated, and Virginia Polytechnic Institute—School of Architecture.

Public and private colleges and universities fund the COLLEGE USA system through sponsorship of video presentations on the laser videodisc library at a cost averaging \$2,300 per minute. High schools subscribe to COLLEGE USA service for \$375 per year.

Info-Disc Corporation of Gaithersburg, Maryland provides the COLLEGE USA videodisc

library and laser videodisc players to hundreds of selected high schools around the country to aid students in the college selection process. COLLEGE USA allows students to "tour" college campuses, explore careers and obtain financial aid information through laser videodiscs in the comfort of their own schools. Postage pre-paid Student Response Cards permit viewers to request additional admissions and financial aid information from any college in the country.

Marshall Group forms 'F & M CADSERVE'

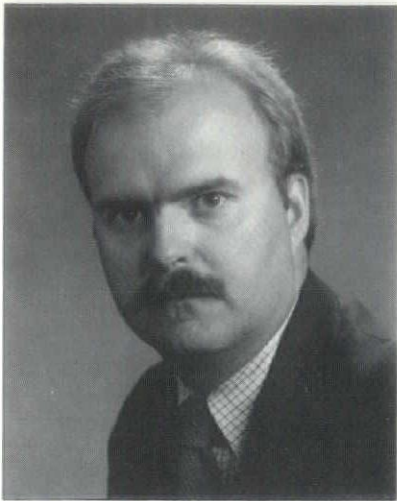
Mortimer M. Marshall Jr., FAIA, FCSI and Solange Rangel AIA, Principals in the Marshall Group Ltd., Architects announce the formation of F & M CADSERVE, a new company structured to offer Computer Aided Drafting services to Architectural, Interior Design, Engineering Firms and other members of the building industry.

The new company will market its services to small firms offering them the opportunity to efficiently handle their production requirements without the necessity to increase and reduce their staffing levels as work load changes. Unlike many CAD Services being offered, F & M CADSERVE uses architects to operate its system.

The new company has installed two work stations using NEC APC III Computers, Hitachi Digitizers and a Calcomp E-Size 8-Pen Plotter. The system is driven by AUTOCAD software. In addition to Computer Aided Drafting Services F & M CADSERVE will offer Cost Estimating and Specification Consulting Services.

F & M CADSERVES' offices are located at 1137 Walker Road Suite 3, Great Falls, Virginia 22066. Telephone 703/759-4447.

PERSONNEL AND OFFICE ACTIVITIES



Cleveland L. Murphy, AIA

Firm's President Honored; New Location Announced

Alternatives in Architecture, P.C. is pleased to announce that Cleveland L. Murphy, AIA, President of the firm, will be published in Who's Who in the South and Southwest—20th Edition.

MOVE NOTICE

During the month of February 1986, Alternatives in Architecture, P.C., Hampton, relocated its offices to Mill Point Center, at 201 Eaton Street, Suite 3A in Old Hampton, Virginia.

Southeastern Architectural Firm Relocates Alexandria Office

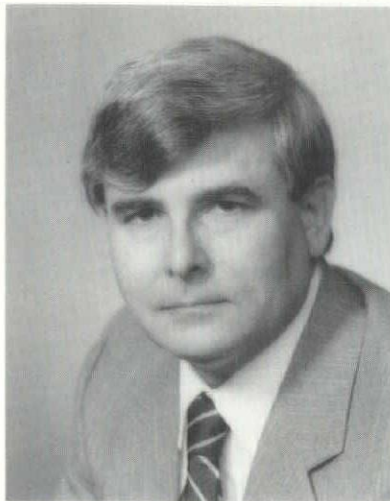
Reg Narmour/The Architectural Group PA, one of the southeast's major architectural firms, has relocated its Alexandria offices to the Torpedo Factory Office Building in Oldtown Alexandria.

The new address is 201 North Union Street, Suite #430, Alexandria, VA 22314. The phone is (703) 549-7766. The office formerly was located on Prince Street in Alexandria.

A feature of the 3,000 square foot office is state-of-the-art computer aided drafting equipment. The office established in 1983, has 10 employees. James C. Heffner, III, is vice president and office manager.

Reg Narmour/The Architectural Group PA is based in Charlotte, N.C. The firm has been responsible for architectural services for over \$1 billion worth of construction completed since the company was founded in 1974. The firm has designed over 50,000 apartment and condominium units and has won national and regional awards, particularly in recognition of its sensitive and innovative approach to commercial renovation projects.

Offices of the Narmour firm, in addition to Charlotte and Alexandria, are in Tampa, Florida and Raleigh, N.C.



Thad A. Broome, Jr.

Tidewater Firms Merge

Talbot & Associates, Ltd., an architectural, engineering, surveying, land planning, and landscape architecture firm, announces the merger of Thad A. Broome, Architect & Planner, P.C., with their firm.

Thad A. Broome, Jr. joins the staff of Talbot's Virginia Beach office as Project Manager for master planning and architectural projects. Mr. Broome is a graduate of the U.S. Military Academy at West Point and Oklahoma State University, with degrees in engineering and architecture respectively. He has 14 years experience in military construction and facilities planning, as

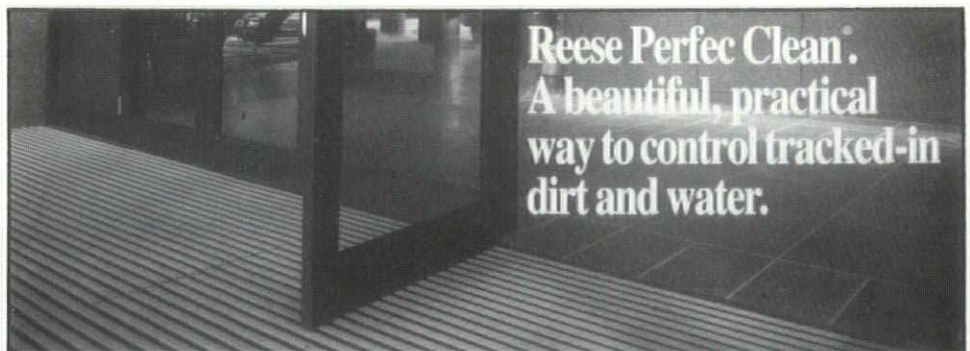
well as architecture and landscape architecture for both the private and governmental sectors.

"This merger clearly reflects the ongoing growth attitude of Talbot & Associates, Ltd., where staff increases of experienced, qualified personnel and the development of new or expanded services are being provided to meet the ever-changing needs in the marketplace," said William A. Schlimgen, President.

Founded in 1967 as an engineering and surveying firm, Talbot & Associates, Ltd. has grown to a 120-person firm with offices in Virginia Beach and Newport News. Services now include architecture; civil, mechanical and electrical engineering; planning; landscape architecture; and land surveying.

Recent projects of the firm include 3556-On-The-Bay, an 11-story, 36-unit luxury condominium overlooking the Chesapeake Bay; Center Ford automobile dealership in Newport News; Wild Water Rapids water sports complex in Virginia Beach; Greenbrier Golf Community in Chesapeake, which includes a 700-unit residential development around an 18-hole championship golf course; and design of a new \$1.6 million gymnasium with ball courts, exercise room, weight room, etc. at Fort Story Army post in Virginia Beach.

Principals in the firm are William Schlimgen, President; Vice Presidents Richard Bowie, Robert Bain, and Page Cockrell; and Al Sledd, Peninsula Branch Manager.



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Wiley & Wilson Reorganizes Senior Management

Wiley & Wilson has announced a reorganization of its senior management. Robert L. Green has been named president of the Lynchburg-based firm of architects, engineers, and planners. William M. Greenwood is now Chairman of the Board, and L. Preston Wade is Chief Executive Officer.

In announcing the change in February, Mr. Greenwood said, "This shift of our top corporate officers will enable Wiley & Wilson to better focus its personnel on new markets, including our expansion into international markets, with our traditional as well as new services. It also reflects our management philosophy of periodic reorganization as a means of assuring a continually fresh approach toward meeting our clients' needs."

Wiley & Wilson serves industrial and governmental clients nationwide from its offices employing 150 professional and support personnel in Lynchburg, Richmond, Virginia Beach, and Arlington County.

The new president, Bob Green, is a native of Portsmouth and has been a principal in Wiley & Wilson since 1980. He joined the firm in 1972 after serving with the U.S. army in Vietnam for which he was awarded two Bronze Stars. He holds a degree in Civil Engineering from Virginia Military Institute and a Master's degree from the University of Virginia.

LBC&W/Maguire Adds Six to Area Staff

Six new members, including a Director of Project Management, have been added to the professional staff of LBC&W/Maguire's Washington area office. The announcement was made by James D. Stillwell, AIA, Vice President and Principal-in-Charge for the Maguire Group at Two Skyline Place, Falls Church.

Michael D. Dell'Isola, P.E., of Fort Washington, Maryland—Director of Project Management. He will oversee ongoing projects, develop and implement management methods and institute a computer-aided design (CAD) system and other automated programs. He holds a B.S.M.E. degree and has 16 years' experience as a mechanical engineer.

Michael Mullen, III, P.E., Burke—Chief Civil Engineer. He will oversee all project and design site improvements including estimating, bids and design on civil engineering projects. He holds a B.S.C.E. degree.

Nicholas Germano, AIA, Falls Church—Project Architect. He brings 26 years' experience to LBC&W and will manage, direct and coordinate architectural projects.

Mr. Green's former position with Wiley & Wilson was Senior Vice President and Manager of the Lynchburg Office. He serves on the Lynchburg College School of Business Board of Advisors, is past president of the Lynchburg chapter of the Virginia Society of Professional Engineers, and is a member of First Christian Church.

Mr. Greenwood, a partner in Wiley & Wilson since 1969, is currently active in client relations and business development. A graduate of the University of Virginia, he was employed by E. I. du Pont de Nemours prior to joining Wiley & Wilson in 1962. Mr. Greenwood is presently the Lynchburg area representative on the Virginia Chamber of Commerce Board, and is a member of the regional board of Central Fidelity Bank, the Lynchburg College Board of Overseers, the board of the Institute of Manufacturing Technology, and First Presbyterian Church.

Mr. Wade, a partner in the firm since 1969, is also active in Wiley & Wilson's client relations and business development. He is a graduate of Virginia Polytechnic Institute where he has also taught full-time while pursuing graduate work. He served a tour of duty in the United States Air Force prior to joining Wiley & Wilson in 1958. He is active in the national Society of Professional Engineers, a member of the regional board of Sovran Bank and of the Salvation Army, an active member of Quaker Memorial Presbyterian Church, and is Chairman of the Lynchburg Bicentennial Commission.

William E. Evans, AIA, Burke—Project Architect, Design Department. His 12-year career has involved large-scale projects for mass transit, hospital design and urban planning. He holds B.A. and M.A. degrees in Architecture.

Jerry Wing, Alexandria—Controller. Formerly with the International Association of Chiefs of Police. He has responsibility for all financial transactions. Wing holds a B.A. degree in economics, an M.B.A. degree in finance accounting and has completed his Ph.D. course work in those disciplines.

Ms. Tracy C. Hayward, Alexandria—assistant to the Vice President of Marketing. Her duties involve preparation of proposals and presentations and interface with the media. She holds a B.A. degree in public relations and formerly directed marketing and public relations for the June Mountain Ski Area in Southern California.

LBC&W, Inc. and all Maguire Group locations in the U.S. have provided comprehensive consulting services to the private sector and to military and governmental agencies for nearly half a century. CE Maguire, Inc. recently won the first Presidential Award for Design Excellence for the Charles River Project in Boston.

Key Leadership Changes Announced by MMM

John B. McGaughy, Chairman of the Board of MMM Design Group, has announced the appointment of Jack M. Hill, P.E. as Vice Chairman of the Board and Paul R. Gates, P.E. as President.

Mr. Hill joined the firm in 1950 as a civil engineer and subsequently has risen through the positions of Associate, Vice President and President. Mr. Gates joined the firm in 1983 as Vice President after serving as Commander of the Atlantic Division, Naval Facilities Engineering Command.

In their new positions, Mr. Hill will become more involved with Board activities in addition to his technical responsibilities, and Mr. Gates will assume the responsibility for directing all corporate activities for the firm and its subsidiaries.

MMM Design Group provides professional architectural and engineering design services in the U.S. through offices in Norfolk and Washington, DC; and through its subsidiary companies: OSC Associates and Baldwin & Gregg, Ltd. International operations are located in Dublin, Ireland and Frankfurt, West Germany.

New Name for Alexandria Firm

Murray & Associates Architects is the new name of the Alexandria firm formerly known as Murray & Reehl, Architects, headed by Jo Anne Murray AIA.

The firm's current projects include student center facilities for George Washington University, renovation of the Longfellow Elementary School in Columbia, Maryland, the Burger King at the Bethesda Metro Center Market food court and Perpetual American Bank branches in Potomac and Germantown, Maryland.

Before starting her own practice Ms. Murray was with VVKR Architects of Alexandria. She is a member of the Northern Virginia Chapter of the American Institute of Architects.

Norfolk Firm Hosts Conference

The firm of Hanbury Evans Newill Vlattas & Company, 120 Atlantic Street, Norfolk, recently hosted the first Mid-Atlantic Users Conference. This group consists of users of Hewlett Packard/Holquin Computer Aided Design/Drafting Systems. Members from six firms located in Virginia, Maryland, and Pennsylvania were in attendance.

The group met to assemble a list of desired enhancements to the current software, in preparation for presentation to the International Users Group Conference in El Paso, Texas.

Don Hirtz, Principal, and Michael Beaver, CADD Technician, of the Norfolk firm, attended the El Paso convention in January.

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Vice Presidents and Associates Named by Moseley-Hening Associates, Inc.



Copeland



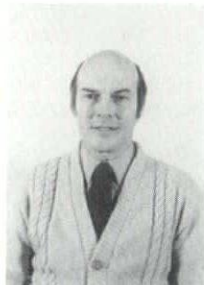
Moore

Promotions were announced in February at Moseley-Hening Associates, Inc., by William W. Moseley, AIA, President. Named Vice Presidents are James N. Copeland, AIA and John J. Moore, III, AIA.

Copeland, formerly a Senior Associate, joined the firm in 1981. He attended Virginia Tech and earned a Bachelor of Architecture degree in 1976. Moore joined the firm in 1980, and was made Senior Associate in 1985. He was awarded the Master's degree in Architecture in 1978 from the University of Virginia.



Crawford



Tiller

Craig L. Crawford, AIA, and Clifton O. Tiller, AIA, have been named Senior Associates. Crawford, who moves up from Associate, joined the firm in

1983 as Specifications Writer. He received the Bachelor of Architecture degree in 1969 from the University of Minnesota. Tiller joined the firm in 1984, and has been an Associate since 1985. In 1955 he was awarded the Masters degree in Architecture from Virginia Tech.



Myers



Scott

Donald L. Myers, AIA and Robert D. Scott, Jr., AIA have been named Associates. Myers received a Masters degree in Architectural History from the University of Virginia. He joined the firm as Project Manager in 1985. Scott joined the firm in 1983 as Project Manager. He graduated from the University of Tennessee in 1982 with a Bachelor's degree in Architecture.

Moseley-Hening Associates is a multi-discipline firm with professionals in Architecture, Engineering, Planning, and Interior Design.

Since its formation in 1970, MHA has grown to a present staff of 47. Their rapid growth is primarily due to the successful completion of over \$350,000,000. worth of new or renovated governmental, educational, institutional, and commercial projects.

Washington Associates Staff Additions

INTERN ARCHITECTS NAMED

Washington Associates recently announced the addition of Edmond P. Virgili and Ksenia Jaroshevich to the firm as intern architects.

Virgili and Jaroshevich will be responsible for designing and drafting duties while continuing their on-the-job training. Both are preparing for the State Architect's examination.

Virgili, a graduate of Virginia Polytechnic and State University, has previous experience as a draftsman with Shriver & Holland Associates and Wilson B. Dodson, AIA. A lifetime resident of Norfolk, Virgili studied abroad in Switzerland through VPI's College of Architecture.

Also a graduate of Virginia Polytechnic and State University's College of Architecture and a participant in the Study Abroad program, Jaroshevich has previous experience in surveying, preparing presentation drawings, and design/drafting. Additionally, Jaroshevich earned a real estate license in 1980.



McDonough



Raney

THREE ADDITIONS TO RICHMOND OFFICE STAFF

Patrick G. McDonough and Jeffrey P. Raney have joined the firm's Richmond office staff.

McDonough joins the company as a Staff Architect where he will assume design and project management responsibilities. Raney will serve as an Intern Architect while gaining experience in design and drafting.

McDonough comes to Washington Associates from Freeman & Morgan Architects in Richmond where he served as a Project Manager and Project Architect/Designer. Prior to that, he worked at Torrence, Dreelin, Farthing & Buford, Richmond; Mills, Obenchain, Oliver & Webb, Blacksburg; C. Yates Tilson, Jr., Beckley, West Virginia; The Marmon Mok Partnership, San Antonio; Alpha Associates, Inc., Morgantown, West Virginia; Marks and Cooke, Inc., Baltimore; and Development Company of America, Westminster, Maryland. McDonough earned a Master of Business Administration degree from the University of West Virginia, as well as graduating *Cum Laude* from the University of Cincinnati with a Bachelor of Architecture degree.

Raney received a Bachelor of Architecture degree from Virginia Polytechnic Institute and State University. He has previous architectural experience with Piland Construction Company,

Ms. Skansi and Ms. Abad join Walsh/Ashe Associates, Inc.



The Virginia Beach firm of Walsh/Ashe Associates, Inc., Architects has added two new staff members.

Sanja M. Skansi, a recent graduate of Princeton University has joined the firm as a draftsman. Ms. Skansi, a *Cum Laude* graduate, received a Bachelor of Arts in Architecture.

Deborah E. Abad has also recently joined the architectural, planning and interior design firm, as a draftsman. Ms. Abad was formerly office manager and designer at Design Landscapes, Inc. She is currently working towards an A.A.S. degree in Architectural Drafting and Design.

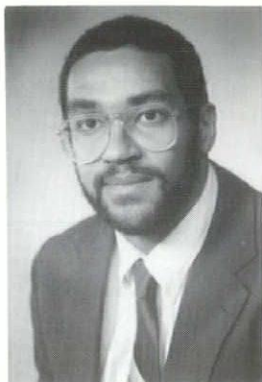
Leon K. Smith, and NASA, all of Newport News. Additionally, Raney participated in Virginia Tech's Summer Study Abroad Program.

Scott P. Broaddus has also joined the firm's Richmond office, as a Designer/Draftsman.

A resident of Richmond since 1971, Broaddus is presently assigned to the Human Services Building for Henrico County.

A Dallas, Texas native, Broaddus attended Georgia Institute of Technology where he studied in the undergraduate architecture program.

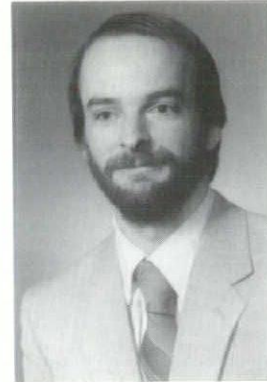
Washington Associates was founded in 1970 and currently maintains offices in Richmond and Norfolk.



O'Carroll-Gourdine



Thompson



Bunch

New Associates Announced

Smith Segreti Tepper McMahon Harned, Architects & Planners, P.C. has announced the promotion to associate of the following architects: Han-Hsing Ho, AIA, Richard W. Gessner, and David E. Nestleroth, AIA in the Washington, D.C. office; and Johnnie E. Hackett and Anne T. Marlow in the Virginia office.

Additional Staff Members For Krummell and Jackson

Krummell and Jackson Associates, P.C. proudly announces that Edward Robert O'Carroll-Gourdine, Ronald L. Thompson, and David D. Bunch have joined their architectural staff as Designer, Project Manager, and Computer Programmer respectively.

Mr. O'Carroll-Gourdine formerly with Guy Rume, Luxembourg, Luxembourg was a member of the Guy Rume competition team which recently exhibited their work in Paris. He received his Bachelor of Architecture Degree from the University of Virginia.

Mr. Thompson, who has 14 years of experience, has served as Project Manager for a variety of work including: Governmental Structures; Institutional Correction Centers, Dormitories, Homes for the Elderly, and Commercial Facilities.

Mr. Thompson received his Bachelor of Architecture Degree from Virginia Polytechnic Institute and State University is a registered Architect in the State of Virginia and is a member of the American Institute of Architects.

Mr. Bunch has five years experience in Computer Aided Drafting and will be responsible for the production of Design Documents. Prior to joining Krummell and Jackson Associates, Mr. Bunch was employed by Graphics One as their Graphics System Manager.

Mr. Bunch received an A.A.S. Degree in Drafting and Design Technology from Paul D. Camp Community College and also attended Virginia Polytechnic Institute and State University.

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Dreiling, Brinkley Promoted Within CW's Architecture and Engineering Department

Mrs. Helene Combs Dreiling, an architectural associate at Colonial Williamsburg, has been promoted to architect, and M. Kent Brinkley has been promoted from landscape associate to landscape architect, according to Willard E. Gwilliam, director of architecture and engineering at the foundation.

Mrs. Dreiling was promoted upon successful completion of the Commonwealth of Virginia Architect Registration Examination. She joined Colonial Williamsburg in March 1984 and her responsibilities have included space planning for the foundation.

Mrs. Dreiling was graduated in 1981 from Virginia Polytechnic Institute and State University with a Bachelor of Architecture degree. Prior to joining the foundation, she worked in The Architectural Practice of Robert A. Magoon, Jr. in Williamsburg. She is a member of the Tidewater chapter of the Virginia Society of the American Institute of Architects. The daughter of Mr. and Mrs. John D. Combs of Warrenton, she is married to John Dreiling, an architect with the firm of Magoon/Guernsey Architects in Williamsburg.

Brinkley was promoted upon successful completion of the Certified Landscape Architect Uniform National Registration Examination. He joined Colonial Williamsburg in June 1985 as an understudy for Donald H. Parker, F.A.S.L.A., who retired on Oct. 1.

Brinkley attended Atlantic Christian College and Old Dominion University and was formerly employed by Edward G. Carson & Associates, Inc., landscape architects/land planners in Norfolk. The son of Mr. and Mrs. John T. Brinkley of Chesapeake, he is a member of the Virginia chapter of the American Society of Landscape Architects and will serve as vice president/president-elect of that organization in 1986.



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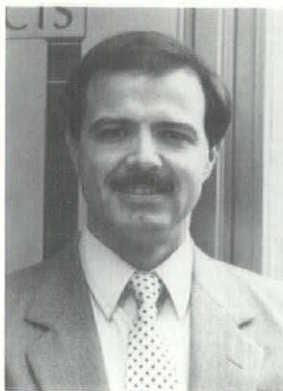
Changes at DePasquale & Associates

DePasquale & Associates has announced the appointment of Claude P. Gentilhomme, AIA as a Principal of the firm. Mr. Gentilhomme joined the Richmond firm in 1985 after seven years of practice in Boston and Richmond.

In response to the firm's continued growth and in the interest of providing corporate advantages for its clients and business associates, DePasquale and Associates has also announced their change to a Professional Corporation.

Officers of the Corporation are: James J. DePasquale, AIA, IFRAA, President; Claude P. Gentilhomme, AIA, Vice President; and Alan R. McDaniel, Secretary/Treasurer.

The firm's growth is being accommodated by the restoration of a historic structure at Eighteen West Franklin Street, in Richmond, for its own offices and other professional office space.



Claude P. Gentilhomme, AIA



Jean-Claude Guilbaud

Guilbaud on Design Staff of The Yates Group

Jean-Claude Guilbaud has joined the design staff of The Yates Group, an architectural, planning and interior design firm headquartered in Portsmouth.

Mr. Guilbaud has a Bachelor of Architecture degree and a Master's degree in City and Regional Planning from Pratt Institute, Brooklyn, N.Y. He formerly worked with Cossutta & Associates, Emery Roth & Sons, P.C., and Ken Pfeiffer & Associates, all based in New York City. While with Cossutta & Associates, Mr. Guilbaud was project manager for Cityplace in Dallas, Texas. While with Ken Pfeiffer & Associates, Mr. Guilbaud worked on Inner Harbor in Baltimore, Maryland as job captain of interior design.

Lyall Joins Barnes and Associates, P.C.



Randy A. Lyall, AIA

Randy A. Lyall, AIA has joined the architectural firm of Barnes and Associates, P.C. The firm has its offices located in Parkway Center in Virginia Beach.

Mr. Lyall holds a Bachelor of Architecture degree from Hampton Institute and is a recipient of the American Institute of Architects Scholastic Award, the AIA School Medal, and the Certificate of Merit from the Henry Adams Fund for excellence in the Study of Architecture. He was previously employed as Staff Architect with Armada/Hoffler of Chesapeake and by Hanbury and Company of Norfolk.

Mr. Lyall's experience includes retail and commercial construction management, design and project management of housing, commercial, and institutional projects.

Roger C. Davis Joins Rancorn, Wildman & Krause

Rancorn, Wildman & Krause Architects has announced the addition of Roger C. Davis to its staff. Mr. Davis joins the firm after teaching at the University of Virginia School of Architecture for 33 years.

In addition to his teaching activity, he has been in general architectural practice since 1959. Mr. Davis has served as a consultant on acoustic and illumination design projects and has special training in acoustics and lighting, specification writing, architectural photography, and building technology.

Mr. Davis is a Registered Architect in Virginia, a member and past director of the Virginia Society, AIA, and a member and past chairman of the Virginia Section, Illuminating Engineering Society of North America.

Combining his technical background with Rancorn, Wildman & Krause's expanding CAD Department, Roger Davis will have an important role in the future growth of the firm.



Roger C. Davis, AIA

Marketing Manager Joins Lewis/Wisnewski & Associates

Susan L. Norton has joined the Northern Virginia firm of Lewis/Wisnewski & Associates, Ltd. as marketing manager. Miss Norton is responsible for the marketing, public relations and promotional efforts for the firm which provides architectural, planning and interior design services.

For the past three and one-half years, Miss Norton served as the Communications Manager at Greenhorne & O'Mara, Inc. A native of Alabama, she received a BA degree in the School of Communications at the University of Alabama. Miss Norton participates on the Program Development and Membership Committees of Washington's Chapter of the Society for Marketing Professional Services. She also holds memberships in the Public Relations Society of America and the International Association of Business Communicators.

Lewis/Wisnewski and Associates, Ltd., founded in 1976, has grown progressively over the past ten years providing design services in the Washington Metropolitan Area. The firm has a total staff of over 50 persons with offices in Alexandria and Dulles Airport.

David P. Habib Joins Dewberry & Davis



David P. Habib, AIA

Dewberry & Davis, one of the area's leading architectural/engineering firms, has added substantial strength to its architectural arm with the appointment of David P. Habib, AIA as Managing Principal for Architecture. Mr. Habib joins Dewberry & Davis directly from the presidency of WZMH Group, Inc., one of the nation's top three architectural firms. He has held that post for the past 10 years. Mr. Habib's international experience and his acknowledged expertise are expected to bring a fresh outlook and new functional creativity to architecture in the Washington, D.C. area.

Mr. Habib has worked extensively throughout the United States and overseas. As president of WZMH, he was involved in major projects such as Exchange Place and Marketplace Center in Boston; First City Center and the U.S. Telephone Corporate Headquarters in Dallas; the Vantage Hotel at EPCOT Center/Walt Disney World; First City Center, Olympia and York Tower, and 8080 Central in Dallas; and the Sheraton's prototype hotel for the People's Republic of China.

His local projects include the first building under construction at Fairview Park for Cadillac Fairview; Dulles Corner at the intersection of Route

28 and the Dulles Access Road; and Sequoia Plaza in Arlington. Both Dulles Corner and Sequoia Plaza are for Webb/Sequoia.

Mr. Habib is a registered architect in 14 states, the District of Columbia, and several foreign countries.

Dewberry & Davis is a full service architectural, engineering, and planning firm based in Fairfax. Among its many local projects are the First American Bank headquarters and its planned 16-story addition in Tysons' Corner; the Northern Virginia Builders Association Headquarters at Fair Lakes for the Hazel/Peterson Companies; the Washington-area headquarters for the United Services Automobile Association in Fairfax; Courthouse Place in Arlington; Huntwood Plaza in Alexandria; the Times-Journal Publishing Headquarters in Springfield; and the \$90 million Eastern Shore Correctional Center in Maryland, that state's largest public works project to date.

Dewberry & Davis employs over 1,000 professional and support personnel in 11 offices located throughout Virginia, Maryland, North Carolina and Tennessee, and is currently the 13th largest engineering/architectural firm in the nation according to *Building Design & Construction* magazine.

Mrs. Vaughan Now with Beach Firm

Patricia L. Vaughan has joined the Virginia Beach firm of Dills • Ainscough • Duff • Partnership, architects, planners and interior designers, as Office Manager. Mrs. Vaughan previously worked with Joe D. Glenn and Associates, Inc. in administration and office management.

SCHOOLS OF ARCHITECTURE

Virginia Tech News

Names in the News— College of Architecture and Urban Studies

—Rengin Holt and Robert Dunay, architecture faculty members at Virginia Tech, were among eight people who received design awards in the Exhibition of Designed Artifacts, an annual competition for faculty of the 16 schools in the Southeast Region of the Association of Collegiate Schools of Architecture. In her entry, "Palladio Bridge," Holt used a silk screen process to overlay transparencies of geometrics on the elevation and plan of the 16th century Italian architect. Last year she received the honor award for a geometric print executed by 125 separate runs on the etching press.

Dunay's entry, "Sculpture Spiral Tapers," attempts to seek out the destiny of form. The design, he said, "utilizes adjacent aluminum components which, when subjected to gravity, produce form in which there is no choice, no ambiguity—the result of a universal will which makes it this way and no other."

An elementary French textbook illustrated by K. C. Arceneaux, an instructor and graduate student in Virginia Tech's College of Architecture and Urban Studies, has been published in Louisiana by Media-Louisiane. The book, "Contes Folkloriques de la Jeunesse Louisianaise," presents a selection of southwestern Louisianan Acadian folklore. It was written by Jacqueline Voorhies, an English professor at the University of Southwestern Louisiana.

—Benjamin Evans and Francis T. Ventre, professors of architecture at Virginia Tech, were among 100 design professionals and technical experts contributing to "The Building Systems Integration Handbook," a reference work prepared by the American Institute of Architects (AIA) over a five-year period and published by Wiley. The two are cited in a list of reviewers and consultants for the book in the December issue of Memo, the AIA newsletter.

Evans also served as co-chairman of the daylighting section and presented a paper on "Daylighting Design Theory and Trends" at the recent Passive Solar Conference held in Raleigh.

—Babar K. Mumtaz, director of the Center for International Development Planning and Building in Virginia Tech's College of Architecture and Urban Studies, recently assessed the 1986 training needs of officials involved in Sri Lanka's "Million Houses Program." His work is part of an on-going program funded by the World Bank to train Sri Lankans in the implementation of the program.

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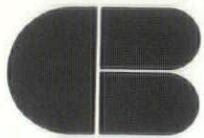
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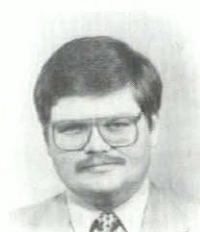
NEW MEMBERS

BLUE RIDGE CHAPTER

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With Sherertz, Franklin, Crawford & Shaffner
Roanoke



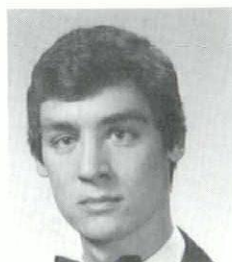
ALBERT JOHN DAVIS, AIA
With Virginia Polytechnic Institute &
State University, Blacksburg



HANS-ANDREAS STOWASSER, Associate
With Van Blaricom Design Associates
Roanoke

JAMES RIVER CHAPTER

RICHARD J. FUNK, JR., Associate
With Landow & DeBettencourt Architects
Charlottesville



LYN KYLE MANSON, Associate
With Continental Telephone of Virginia
Mechanicsville

ALSO

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With ACM Construction Management
Richmond

PHILLIP E. GRIMES, AIA
With Lee, King, Poole & White Architects
Richmond

JUDE T. WALTMAN, Associate
With Browne, Eichman, Dalglish & Gilpin
Charlottesville

RONALD W. EIMER, AIA
With McGuire, Woods & Battle
Richmond

D. NEIL RANKINS, AIA
With Glave Newman Anderson Architects
Richmond

J. DAVID WILKERSON, Associate
With DePasquale & Associates
Richmond

TIDEWATER VIRGINIA CHAPTER

ROBERT BRANDON CURRENCE, JR., AIA
With Magoon/Guernsey Architects
Williamsburg



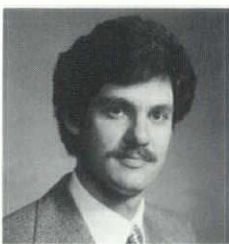
ALAN D. JOHNSON, AIA
With I.V. Harris & Associates, Inc.
Virginia Beach

HELENE COMBS DREILING, AIA
With Colonial Williamsburg Foundation
Williamsburg



JOSEPH A. MILLER, Associate
With Talbot & Associates, Ltd.
Virginia Beach

DONALD R. HIRTZ, AIA
With Hanbury, Evans, Newill, Viattas
Norfolk



CHERYL C. WHITTENBARGER, Associate
With Magoon/Guernsey Architects
Williamsburg

ALSO

DAVID P. ISBELL, Associate
With Waller, Todd & Sadler
Virginia Beach

KENNETH WILLIAM POPE, Associate
With Krummell & Jackson Associates
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DENNIS E. SADECKI, Associate
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With Allen H. Mushinsky, AIA, PA
Bethesda, MD

ROBIN B. SANDERS, Associate
With Pace Design
McLean

PAUL S. DeCOURT, AIA
With Lorenzi Dodds & Gunnill, Inc.
Waldorf, MD

LILLIAN H. MITCHELL, Associate
With Lawrence Cook AIA & Assoc.
Falls Church

MAHDA SANIEE, Associate
McLean

JIM GLOECKNER, Associate
With Jeanne Whyte, AIA
Leesburg

WARREN N. PATTERSON, Associate
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MARVIN C. SANTOS, Associate
With C. S. Santos & Associates
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DONALD ROBERT HORN, Associate
With Hodzic Brown & Novcic Architects
Annandale

ANDY PRESSMAN, AIA
Arlington

JAN SCHICK-NOBLE, Associate
With Michael & Michael, Inc.
Alexandria

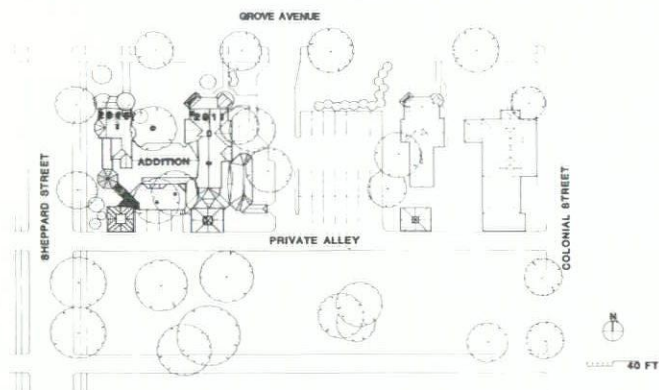
ROBERT M. JESSON, Associate
With Resource Consultants, Inc.
Vienna

SUZANNE E. RILEY, Associate
With Garrison-Babarsky Associates
Falls Church

JAMES D. STILLWELL, AIA
With LBC&W
Falls Church

2911-2915 Grove Avenue — Medical Office Building

SB Architects



Additions and Renovations • Location: Richmond

Landscape Architect, William Rieley and Associates • Structural Engineer, McKinney & Walker • Mechanical/Electrical Engineer, Bohannon Staley & Associates • General Contractor, Evans Construction, Inc. • Photography, Whitney Cox.



PROGRAM

Expand the existing offices of a growing medical practice of orthopedic surgeons with an addition linking to and including an adjunct building by adding exam rooms, physical therapy facility, waiting room, administrative space, staff lounge, doctors' offices, and out-patient surgery facility. The existing structures are on the National Register of Historic Places and the project was to be certified by the Department of Interior for Tax Credit purposes. The additional space totals 7500 square feet.

SITE

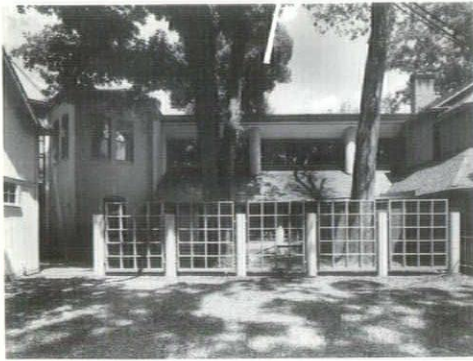
The site comprises one end of the south side of the 2900 block of Grove Avenue. It is on the edge of an old residential neighborhood with the new Hardy Holtzman Pfeiffer wing of the Virginia Museum and Confederate Memorial Chapel directly across the street. Grove Avenue is a busy street which is a major link between downtown and west end residential areas. The block contains four granite Victorian, Queen Anne style, structures built in the 1880s, and the entire block is on the National Register of Historic Places. The two existing structures of the project are placed about 45 feet apart and are set back about 40 feet from the street. Between the buildings are three magnificent oak shade trees, 60", 36", and 30" in diameter, towering over the houses. The large trees are a characteristic of the neighborhood. Behind the corner house, 2915, is an old out-building which had been previously restored by the architects. Research identified it as an old pumphouse which originally supported a windmill with water tank which gravity-fed the house.

DESIGN SOLUTION

It was recognized that, for this infill project, the best tack would be one of discretion: the old structures are unique and very prominent on the streetscape and the space in between is as important to the quality of the block as the buildings themselves. Furthermore the buildings are quite flamboyant and rich with detail, and it was recognized that it would be impossible to compete with them on their own terms. Any new structure would have to enhance and complement the existing ones, be clearly new on the site, and save the trees.

The addition was set between the existing oaks and conceived as a "bridge" linking the old buildings; more related to the space between than the structures themselves. Inside and out, one is constantly cognizant of the extent of the old buildings. The materials were chosen to enhance the "feel" of the existing materials through characteristics—color, size, texture, warmth, transparency—rather than attempt to duplicate. The differences are as important as





the similarities. Exterior materials are used on the inside of the addition to reinforce the notion of being "outside" of the old buildings which remain as "inside."

PROJECT BUDGET

\$100.00 per square foot including new construction, adaptive reuse, and selective renovation of existing space.

PROJECT COST

\$750,000

COMPLETION

The project was completed in September 1984.

CONSTRUCTION CREDITS

General contractor for the project was Evans Construction, Inc. of Richmond.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

Lone Star Cement, Inc., concrete; ReSteel Services & Products Corp., rebar; Seaboard Concrete Products, precast concrete; Sound Structures, Inc., Midlothian, gypsum concrete deck; Capital Masonry Corp., masonry; Browning Steel Co., Inc., metals; T M S Builders Supply, finish carpentry, architectural woodwork, wood doors & windows; Richmond Primoid, Inc., waterproofing; Creative Conservation Co., thermal insulation; N. W. Martin & Bros., Inc., roofing & roof accessories; Commercial Caulking Co., joint sealers; Tom Jones Hardware Co., Inc., steel doors & frames; Architectural Hardware, Inc., builders hardware; and Perkins & Glass, Inc., glass & glazing.

Also, American Partition System, Inc., gypsum drywall; H. E. Satterwhite, Inc., tile work; Fendley Floor & Ceiling, Inc., acoustical ceilings, resilient flooring & carpet; J & J Associates, Ltd., painting & wallcovering; Barranger & Co., Inc., lockers/fire extinguishers; Douglas Distributing Corp./Fred Coeyn, Washington, DC, microwave & refrigerator; Virginia Elevator Co., Inc., dumbwaiter & hydraulic elevator; Catlett-Johnson Corp., mechanical/HVAC & plumbing; Bagby Electric Co., Inc., electrical.

And, AIV Systems, hospital cubicles; Jim Hickson, entrance mats; and the owner, toilet accessories.

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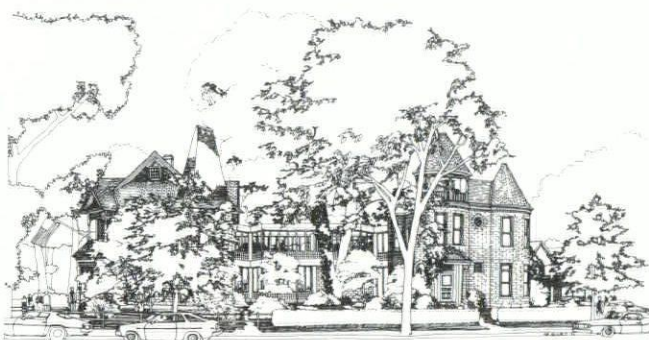
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J. F. Monacell Orthodontic Facilities

Baskervill & Son — Architects

Owner: Dr. John F. Monacell, D.D.S. • **Location:** Henrico County

Interior Designer, Mechanical/Electrical Engineer, Baskervill & Son • Site Engineer/Surveyor, J. K. Timmons & Associates, Inc. • Structural Engineer, Harris, Norman & Giles • General Contractor, J. Kennon Perrin Construction, Co., Inc. • Photography, Don Eller.

PROGRAM

Dr. John F. Monacell, Orthodontist, desired to build a new facility to better serve his patients and create a pleasing work environment for his staff. He wanted a bright, comfortable, and efficient layout to maximize his time with his patients. The image he wanted to portray was a state of the art facility within a traditional framework.

SITE

The Monacell Orthodontic Clinic is located on a .88 acre site at the intersection of Williamsburg Road and Whiteside Road in eastern Henrico County.

DESIGN SOLUTION

The exterior of the building blends with the rural wooded site by the use of a cedar-shake hipped roof with large overhangs and a traditional red brick exterior wall with generous use of double hung windows. The curved glass block wall of the operatory becomes a distinguishable feature from the exterior as well as the interior. On the interior the patient or visitor is greeted with a large bright waiting/reception area with multiple windows, custom built-in seating, and wall graphics. The main operatory is extremely bright, complying with an owner request of 100 footcandles. The curved glass block wall with the new orthodontic equipment gives a "state of the art" appearance. Television monitors are conveniently placed so patients can watch cable channels. Also provided is a soundproof game room where patients who have followed the Doctor's instructions between visits are rewarded with tokens which operate pinball and video machines.

CONSTRUCTION

The contractor was chosen through an interview process conducted by the architect and owner and the contract amount negotiated to within budget. The building is framed wood construction with brick veneer and prefabricated wood roof trusses. The building rests on a slab on grade.

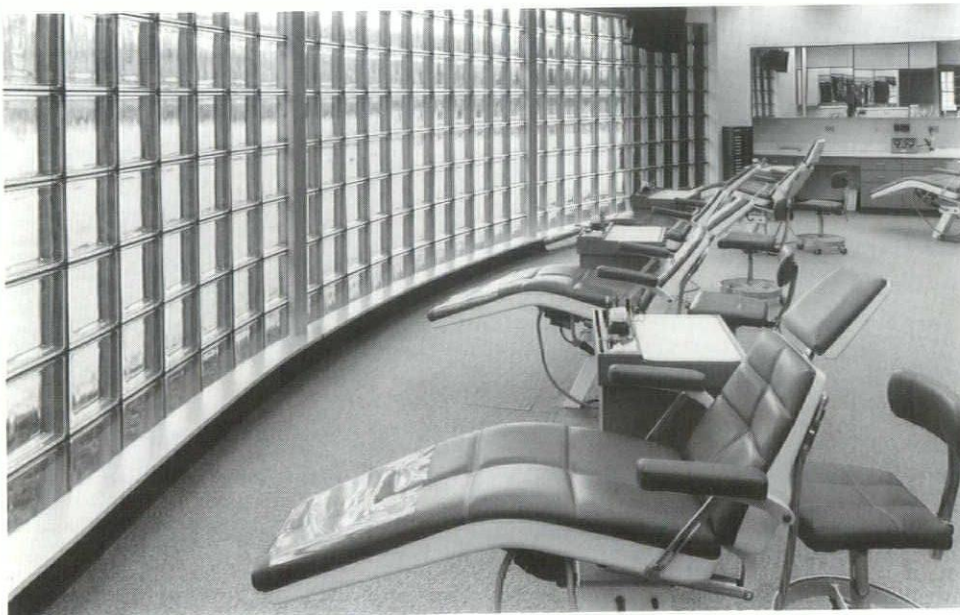
CONSTRUCTION CREDITS

J. Kennon Perrin Construction Co., Inc. of Richmond was general contractor and handled excavating, landscaping work, foundations, concrete work, reinforcing, steel erection, roof/wall/foundation insulation, carpentry, structural wood, and gypsum board.

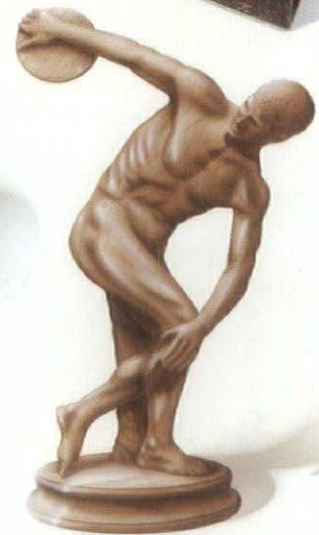
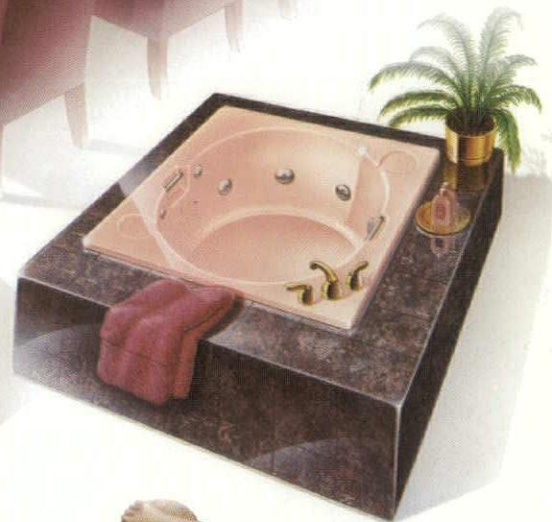
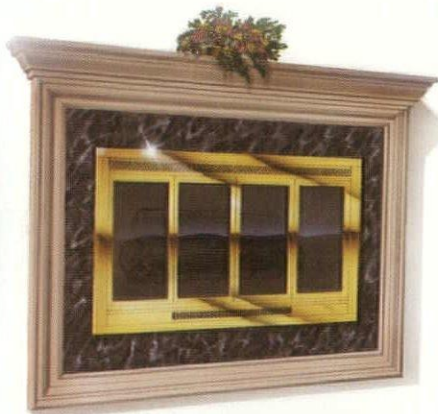
SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

J. Carrington Burgess Masonry Contractors, Inc., masonry manufacturer; Browning Steel Co., Inc., steel supplier & miscellaneous metal; Chesterfield Roofing, Inc., Midlothian, built-up roof & sheet metal; Hanover Fabricators, Ashland, roof trusses; T M S Builders Supply, millwork, wood doors & windows; Roanoke Engineering Sales Co., Inc., cabinets; E. S. Chappell & Son, Inc., Mechanicsville, caulking; Pleasants Hardware, metal doors & frames & hardware supplier; Perkins & Glass, Inc., storefront; Manson & Utley, Inc., acoustical treatment; DMA & Associates, Inc., carpet; T. F. Frick & Co., painting contractor & wallcovering; Patterson Dental Co., equipment; Claude B. Allen East, Inc., heating/ventilating/air conditioning contractor; and Northside Electric Co., electrical contractor.



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Plastic Surgery Suite

Lawrence Cook Associates, P.C. — Architects

Owners: Csaba L. Magassy, M.D., F.A.C.S. and B. Scott Teunis, M.D., F.A.C.S. • **Location:** Chevy Chase (Montgomery County), Maryland

Project Architect/Designer, Lawrence Cook, AIA • **Design Team:** Joe Taylor, AIA, Joan Thomas, AIA, and Francis Wood, Assoc. AIA • **Mechanical Engineer,** Frank Williams, PE • **Electrical Engineer,** Alex Perez, PE • **Construction Manager,** Cook Construction Management/William Cook, Assoc. AIA • **Photography,** Max Mackenzie.

OWNERS' PROGRAM

Two widely recognized plastic surgeons requested full surgical suites, sized and equipped to rival any hospital in the area, for their private practice. Drs. Magassy and Teunis needed one minor and two major operatories, consultation rooms, exam rooms and all recovery and support facilities. They also needed full administrative offices adjacent to the surgical suite. The

plan was divided into two phases of construction to allow the small existing surgery suite to remain in use while the new suite was being built.

DESIGN SOLUTION

A subtle, elegant atmosphere offers the patients a sense of comfort to lessen their anxiety. Privacy is provided by dividing the waiting area into three small alcoves enclosed by wood grilles against tinted glass. Vaulted wood ceilings with a custom light strip give a warm feeling and sense of direction. Wood chair rails and curved corners protect the corridor against damage from gurneys while the vinyl wall covering allows easy cleaning. Indirect lighting and carpeting are used throughout the non-clinical spaces to give a homey feeling. Artwork is also hung throughout to soften the impact of the clinic. The surgical operatories are custom built and fully equipped with state of the art technology. The heating and cooling systems and the emergency lighting system are controlled independently from the rest of the building.

CONSTRUCTION PROCESS

The surgeons selected Cook Construction Management to direct the construction process because they demanded highest quality workmanship even with the constraints of working

on the 16th floor of a fully occupied building and a tight time schedule of 90 days for Phase I and 45 days for Phase II. Local millworking shops were too busy to undertake the challenge of producing this volume of millwork in such a short time frame. So CCM set up its own millworking shop at the 16th floor site. A team of 26 carpenters from the local union worked in two staggered shifts per day and six or seven days a week. The many other craftsmen also worked on overtime schedules. Robert Davis, the lead carpenter, received the Craftsman Award from the Northern Virginia Chapter AIA for his outstanding performance. The CCM effort was directed by William Cook, Associate AIA.

CONSTRUCTION CREDITS

SUBCONTRACTORS & SUPPLIERS

Creative Space, Inc., Fairfax, cabinets; Dulles Glass Co., Inc., Manassas, glass; W. T. Weaver & Sons, Inc., Washington, DC, hardware supplier; Kanuck Construction Co., Rockville, MD, gypsum board contractor & acoustical treatment; Custom Carpet Shop of MD, Rockville, MD, carpet; Luck Stone Corp., Sterling, special marble flooring; Corfu Painting & Decorating Co., Vienna, wall covering & painting contractor; R. L. Heflin, Falls Church, plumbing contractor; and Mona Electric, Inc., Clinton, MD, electrical contractor.



IMA Medical Center

Warner & Barnes, Associates, P.C. — Architects

Owner: International Medical Associates •
Location: Virginia Beach

Project Architect/Designer, Harold Warner •
Landscape Architect, Bob Kehl • Interior
Designer, Harold Warner • Site Engineer/
Surveyor, Adkins & Associates • Structural
Engineer, Warner & Barnes, Associates •
Mechanical/Electrical Engineer, E. H. Bow-
man & Associates • General Contractor, Hud-
gins Construction Co., Inc. • Photography,
Joe Wiseman.

PROGRAM

A group of 12 doctors asked us to design a medical facility for them to house their individual practices. We were to analyze their space requirements and design a contemporary office building which would take advantage of the view across the small lake adjacent to their southern boundary line. One of the major problems associated with this project was that the deed restrictions accompanying the land purchase agreement dictated that buildings in this general area must be of Colonial architecture. Immediately the problem became one of designing an up-to-date contemporary medical facility using some passive solar techniques and at the same time satisfying the deed restrictions that the structure be Traditional or Colonial architecture.

DESIGN SOLUTION

In order to design a building to satisfy the owners' wishes, a rectangular plan was designed, using a single loaded corridor located along the north or parking area side of the building. The individual doctors' suites were then laid out from the corridor to the rear of the building placing the doctors' private offices on the water side where each of them could at some time

during the day get away from it all and enjoy the view across the small lake. Large expanses of window glass and spandrel glass were utilized on the south side of the building in order to obtain some passive solar gain during the winter months while at the same time affording a magnificent view. Solar shading devices were installed on the interior window surfaces in order to reduce solar gain during the summer months.

To satisfy the deed restrictions, a series of arched modules were placed around the entire building simulating traditional shapes. The arched modules softened the massive glass areas installed on the south side of the building and also provide interest on the north, east, and west elevations consisting of little or no penetrations. The mansard roof was installed not only to provide a throwback to traditional architecture but as a means to hide the boiler and air conditioning equipment located on the roof. To further enhance the exterior of the building and accentuate the column module, a brick of a slightly different color from the field brick was used.

BUILDING CONSTRUCTION

The three-story building consisting of 17,258 square feet was provided with a steel frame structural system allowing free movement of interior spaces as necessary for future expansion or changes as required. The heating and air conditioning system selected was a closed loop water to air system, with individual air handling units installed within each doctor's suite. This system allowed heating and/or cooling, on an individual basis, simultaneously. The interior finishes were carpeted floors in the doctors' suites and quarry tile for the lobby and corridor floors. The interior partitions were drywall and in some cases were covered with vinyl covering as selected by individual doctors. The ceilings throughout were acoustical tile lay-in panels, two by two grid system.

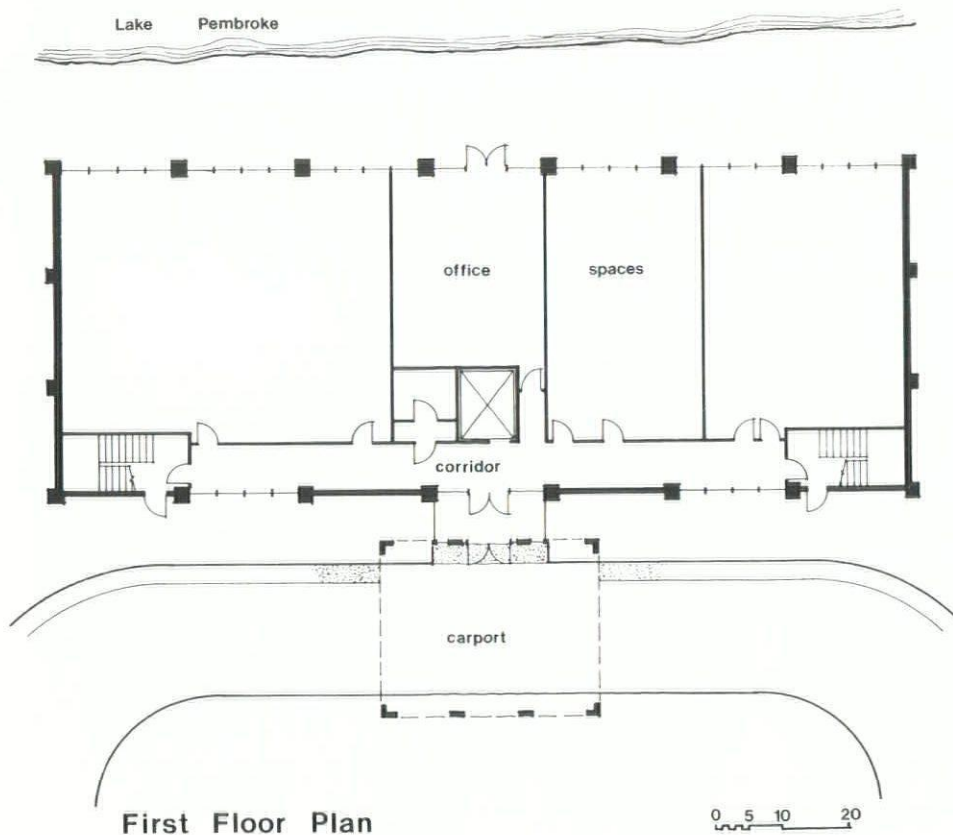
CONSTRUCTION CREDITS

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

SUBCONTRACTORS & SUPPLIERS

From Chesapeake were: Womack Contractors, excavating & paving contractor; Hitech Roofing Service, Inc., roofing and wall insulation; Interior Systems, Inc., acoustical treatment & painting contractor; and James W. Tabor & Son, Inc., electrical contractor.

Virginia Beach firms were: Welch Pile Driving Corp., piling; Sadler Materials Corp., concrete supplier; Greenwich Supply Corp., gypsum board contractor; Schell Supply Corp., plumbing fixture supplier; Byler Plumbing Co., plumbing con-



tractor; and Bay Harbour Mechanical Ltd., heating/ventilating/air conditioning contractor.

Portsmouth firms were: Coleman Nursery Gardentown, landscaping materials; Mabe's Landscaping Service, landscaping contractor; K & P Caulking, Inc., caulking; and Cherry Rug Co., carpet.

And, from Norfolk were: Hall-Hodges Co., Inc., reinforcing; Snow, Jr. & King, Inc., masonry contractor; Batchelder & Collins, Inc., masonry supplier; Shoffner Industries of Va., Inc., structural wood; PPG Industries, Inc., glass, glazing contractor, window wall & storefront; Door Engineering Corp., metal doors & frames & hardware supplier; Ferrell Linoleum & Tile Co., Inc., resilient tile; Engineering Steel Equipment Co., specialties; Dover Elevator Co., elevator; Carolina Sprinkler, sprinkler; and Electrical Suppliers, Inc., lighting fixtures & electrical equipment supplier.

Others were: Webster Brick Co., Inc., Roanoke, masonry manufacturer; Riverton Corp., Riverton, Flamingo mortar; Liphart Steel Co., Inc., Richmond, steel supplier/erection/joists/roof deck & built-up roof; A. C. Thomas, Hampton, cabinets; Seaboard Paint & Supply Co., Inc., Newport News; and The Sherwin-Williams Co., Cleveland, OH, paint manufacturer.



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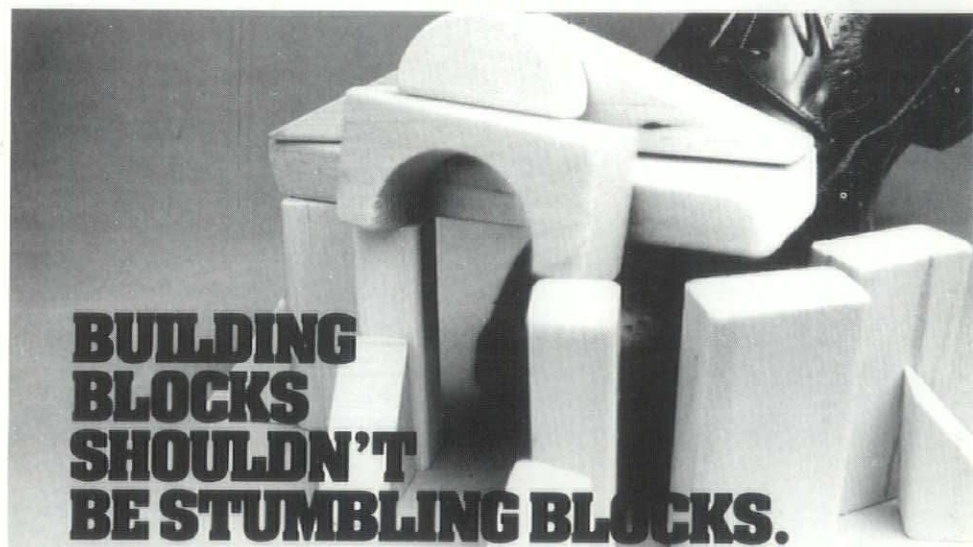
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For Information Contact
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EVMA Clinical Sciences Building — Hofheimer Hall

Hanbury & Company and Hellmuth Obata Kassabaum — Architects A Joint Venture

Owner: Eastern Virginia Medical Center •
Location: Norfolk

General Contractor, Rentenbach Constructors, Inc.

The Elise and Henry Clay Hofheimer II Hall of the Clinical Sciences is a facility which houses both faculty offices and clinical practice space for the teaching staff of the Eastern Virginia Medical School. The 7-story building also houses educational and clinical research space. Department offices include Psychiatry, OB/GYN Surgery, Family Medicine, Internal Medicine, the Center for Communication Disorders, Radiation Oncology and Neurology. Part of the top floor is used for the President's and Dean's offices and a large boardroom.

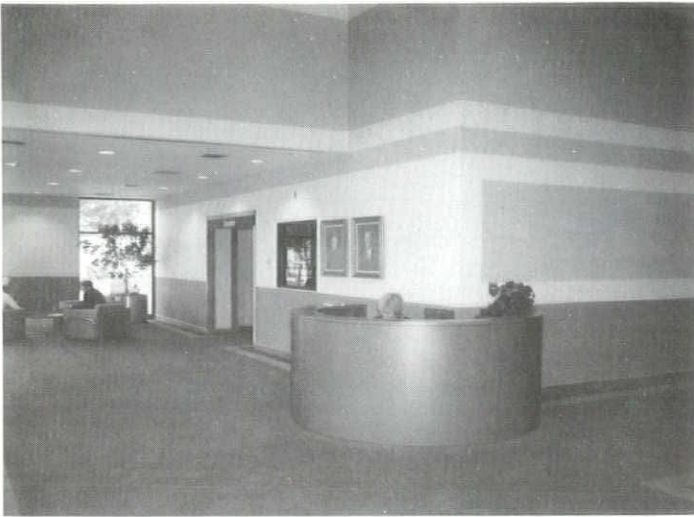
The project is located in the heart of the Eastern Virginia Medical Center adjacent to Norfolk General Hospital, Children's Hospital, the Public Health Center and a private physicians office. The Medical Schools' other major building, a major research facility, is also located nearby. This facility is an important part of the full service medical center which serves all of southeastern Virginia.

The brick color and precast concrete panels were selected for their consistency with the adjacent building. A driveway under the building allows for patient and visitor loading under cover. Once inside, the visitor is treated to a two-story lobby fully carpeted and lighted with HID lights and with an elevator lobby, bookstore and cafeteria space beyond.

The architectural team of Hanbury & Company/Hellmuth Obata Kassabaum worked with a team of faculty and administrative staff to establish the design parameters. The team then met with each department to define specific departmental space requirements. Interior design was also the responsibility of the design team. With this



EDITORS' NOTE: Hanbury & Company is now Hanbury Evans Newill Viattas & Company, Norfolk. The Washington D.C. office of Hellmuth Obata Kassabaum handled that firm's part in this joint venture.



approach continuity among the departmental "tenants" was assured.

Hofheimer Hall provides the Eastern Virginia Medical School with 105,000 square feet of office, clinic, lab, educational, dining and meeting space. In addition it provides a vehicle for

attracting medical talent to the Hampton Roads area, thus enhancing the equality of health care to all of its citizens.

Rentenbach Constructors, Inc. of Greensboro, North Carolina acted as general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

Norfolk firms were: Baker Roofing Co., roof installation & waterproofing; Continental Contracting Co., Inc., electrical; Otis Elevator Co., elevator installation; Capital Concrete, Inc., ready mix concrete; S. B. Ballard Construction Co., foundations & slab on grade; Ellis Flooring Contractor, Inc., resilient flooring & accessories; and Ferrell Linoleum & Tile Co., Inc., ceramic tile installation.

From Chesapeake were: Charlie Jones, Inc., wall, ceiling systems; Smith-Gerloff Painting & Decorating, Inc., paint & vinyl wallcovering; Oliver Septic Tank & Swimming Pool Co., Inc., site utilities; Oliver Jacobs Construction Corp., slab on deck placement & finishing; Greenbrier Farms Landscaping, Inc., landscaping & sodding; and W. L. Birsch, Inc., paving, walks, entrances, curb & gutter.

Virginia Beach firms were: Colonial Mechanical Corp., mechanical; Ford Pile Foundations, Inc., concrete pile installation; and Williams Corp. of Va., sitework.

From Richmond were: Architectural Industrial Products Co., Unistrut installation; DMA & Associates, Inc., carpet; Roanoke Engineering Sales Co., Inc., operable walls, logo, aluminum letters, directories & mats; Wes-Way Sprinkler Co., Inc. (Mechanicsville), sprinkler & fire protection; W. W. Nash & Sons, Inc., sprayed fireproofing; and J. G. Furniture Systems, theater seats.

Others were: Accessories Installers Co., Charlotte, NC, miscellaneous specialties installation; Wythe Contract Sales Co., Newport News, window treatment & drapery tracks; Bat Masonry Co., Inc., Lynchburg, masonry, precast installation; C. P. Buckner Steel Erection Service, Inc., Chapel Hill, NC, steel erection; Triad Steel Co., Thomasville, NC, structural steel; Carolina Cast Stone Co., Inc., Greensboro, NC, precast concrete; Bethlehem Steel Corp., Greensboro, NC, concrete work—reinf., supports; Beeson Hardware Co., High Point, NC, finish hardware; D & D Specialties, Union, SC, hollow metal work; Parker Davis/Building Specialties, Inc., Charlotte, NC, chalkboards, toilet partitions, accessories, doors & mirrors; Robert J. Bates Co. (Livers Bronze Co.), Greensboro, NC, glass handrails; and, ABG Caulking & Waterproofing, Inc., Morristown, TN, caulking & sealants.

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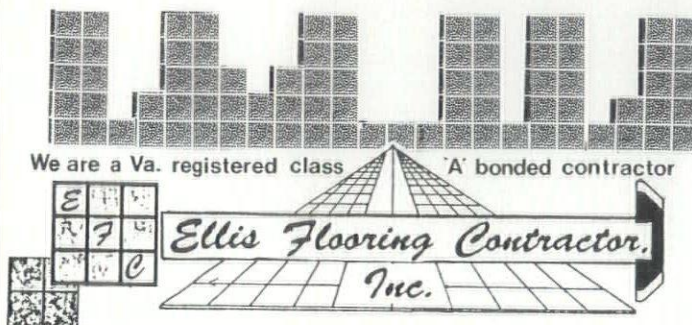
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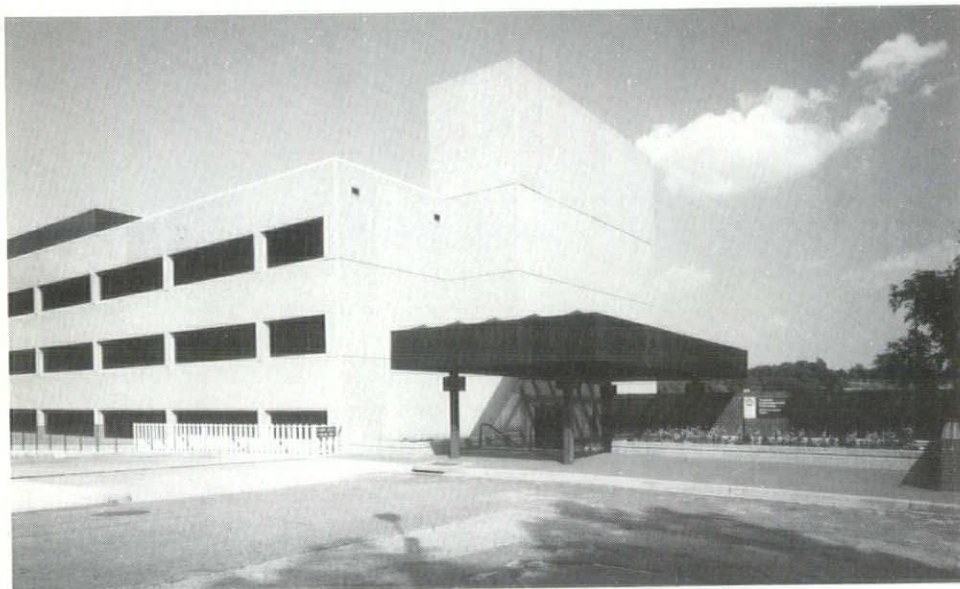
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Massey Cancer Center — Phases I and II

Lee, King, Poole & White — Architects

Owner: Medical College of Virginia/Virginia Commonwealth University • Location: Richmond

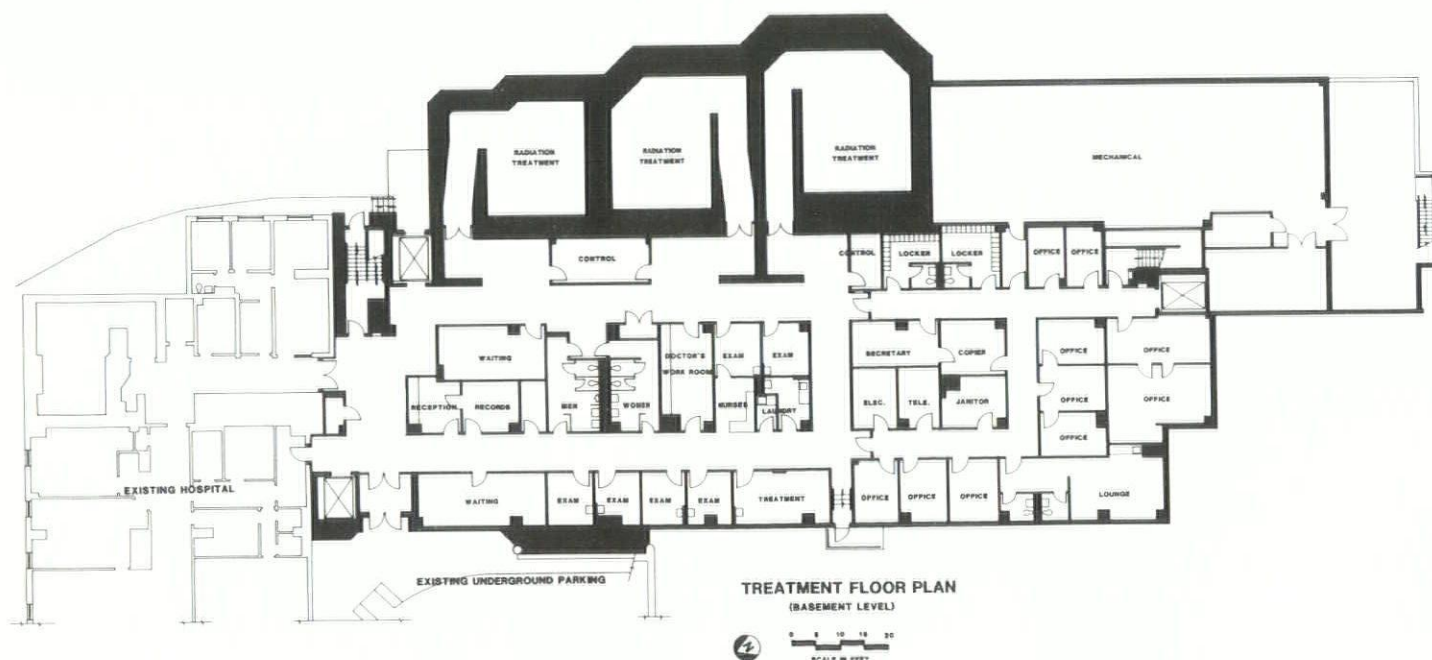
Project Architect/Designer, Frank B. Poole, Jr. • Cost Consultant (Phase I), Freeman & Roberts • Site Engineer/Surveyor (Phase I), Austin Brockenbrough & Associates • Structural Engineer, Harris, Norman & Giles • Mechanical/Electrical Engineer, Roache, Mercer & Faison • Geotechnical Engineer (Phase I), Froehling & Robertson • General Contractors: Phase I—Blake Construction Company; Phase II—A.D. Whittaker Construction, Inc. • Photography, Huffman Studio.



The Massey Cancer Center located on the MCV/VCU campus administers programs of patient care, research and education. Established in 1974, the center is the result of over 40 years of cancer programs at the Medical College of Virginia campus.

The building was constructed primarily with funds from private donations and some state allocations.

Located at the northeast corner of East Marshall Street and College Street the building connects to the east end of the MCV North Hospital which houses the existing radiation therapy equipment.



The Massey Cancer Center was built in two phases. The first phase includes spaces for radiation therapy, clinical support facilities, rooms for education programs, and offices for cancer rehabilitation program personnel and administrative staff. The second phase consisted of the completion of two floors of research laboratories and a third radiation treatment room.

The structural system of the building utilizes cast in place concrete columns, beams, and slabs founded on drilled caissons taken to rock.

Exterior building materials are architectural precast stone with color and texture matching the new MCV teaching hospital, and dark bronze colored aluminum and glass.

The building's heating, cooling, fire detection and alarm systems are monitored and controlled remotely from the control data center in Sanger Hall.

Construction cost: \$6,000,000.

Floor Area: 59,600 SF (three floors and basement)

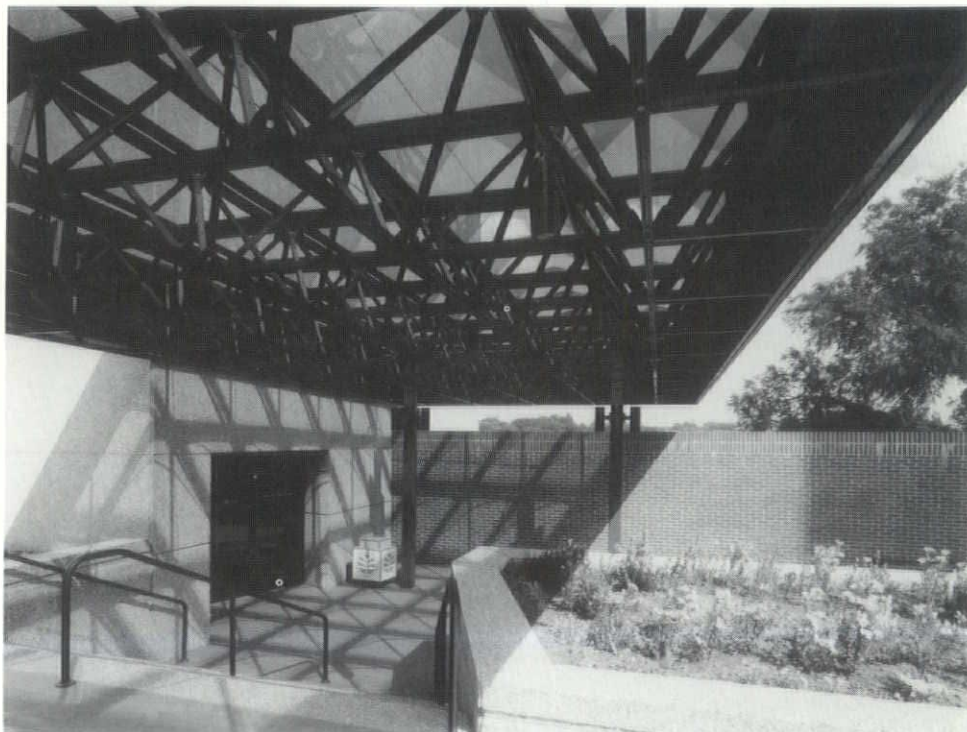
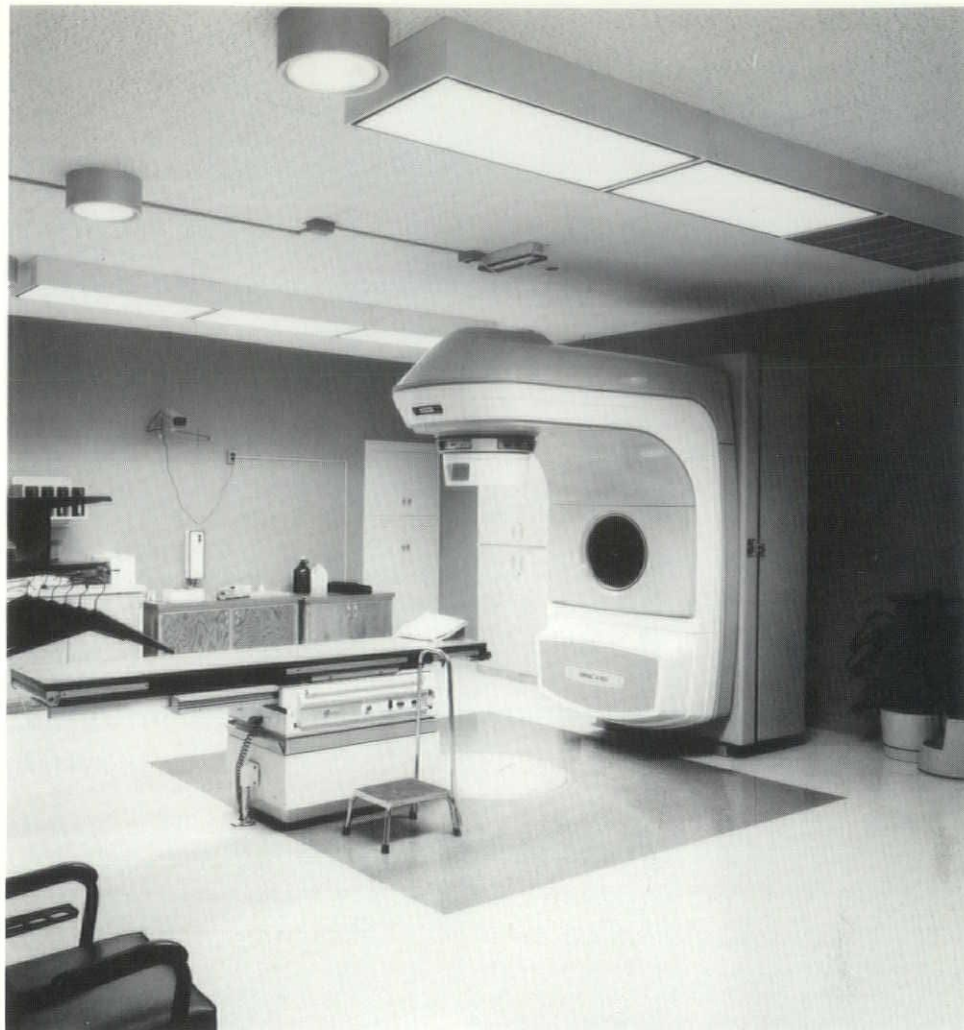
Blake Construction Company of Washington, DC was general contractor for Phase I and handled concrete work.

A. D. Whittaker Construction, Inc. of Ashland was general contractor for Phase II and handled excavating, concrete work and carpentry.

SUBCONTRACTORS & SUPPLIERS—Phase I

Snow General Services, Richmond, excavating; Atlantic Caisson Co., Shrewsbury, PA, caissons; Middleton Landscaping Co., Inc., Gaithersburg, MD, landscaping contractor & landscaping materials; Warren Bros. (APAC-Virginia, Inc.), Richmond, paving contractor; Bethlehem Steel Corp., Richmond, reinforcing; Lone Star Industries, Inc., Richmond, concrete supplier; Carolina Cast Stone Co., Greensboro, NC, precast stonework contractor/supplier; Lynchburg Steel & Specialty Co., Monroe, miscellaneous metal; and Southeastern Waterproofing Co., Inc., Richmond, built-up roof & roof insulation.

Also, Walker & Laberge Co., Inc., Norfolk, glass, windows & storefront; Colonial Decorators,



Upper Marlboro, MD, gypsum board contractor; Standard Art, Marble & Tile Co., Inc., Landover, MD, ceramic tile & special flooring; O'Ferrall, Inc., Richmond, acoustical treatment & resilient tile; Maryland Decorating, Beltsville, MD, painting contractor & wallcovering; Duralab Equipment Corp., Brooklyn, NY, laboratory equipment; Westinghouse Elevator Co., Richmond, elevator; Rosser Sprinkler Co., Ashland, sprinkler contractor; William H. White, Jr., Inc., plumbing/heating/ventilating/air conditioning contractor; and E. C. Ernst, Inc., Washington, DC, electrical contractor.

SUBCONTRACTORS AND SUPPLIERS—Phase II (Richmond firms unless noted)

Bethlehem Steel Corp., reinforcing; Lone Star Industries, Inc., concrete supplier; Capital Masonry Corp., masonry contractor; Seaboard Concrete Products, precast stonework contractor; Holmes Steel Co., Ashland, miscellaneous metal; Richmond Roofing Co., Ashland, built-up roof; and Richmond Glass Shop, Inc., glass & glazing contractor.

Also, J. S. Archer Co., Inc., metal doors & frames; Woodworking Specialist Co., Inc., wood doors; Pleasants Hardware, hardware supplier; H. E. Satterwhite, Inc., ceramic tile; O'Ferrall, Inc., acoustical treatment & resilient tile; W. W. Nash & Sons, Inc., painting contractor & wallcovering; Conrad Co., Statesville, NC, laboratory equipment; Wes-Way Sprinkler Co., Inc., Mechanicsville, plumbing fixture supplier; Hungerford Mechanical Corp., plumbing/heating/ventilating/air conditioning contractor; and Associated Electrical Service, Inc., electrical contractor.



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Dr. Arden Sterling's Dental Office

DePasquale & Associates — Architects

Owner: Dr. Arden Sterling • Location: Richmond

Interior Designer and Photography, DePasquale & Associates • Structural Engineer, St. Claire, Callaway & Frye • General Contractor, M. E. Howard General Contractor, Inc.

OWNER'S PROGRAM

The adaptive reuse of any historic structure demands a careful, sensitive approach by the architect. To be truly successful, the client's needs and the building's historic character must be reconciled in a subtle balance which both preserves the integrity of the original design and accommodates the spatial and functional needs of the new program. At the Dental Offices of Dr. Arden Sterling, located at 2500 Monument Avenue in Richmond's Monument Avenue Historic District, the architect's task was complicated by previous renovations to the Georgian

Revival Mansion and by the need to conceal from patients in the office, access to the second floor apartments, without making extensive structural changes to the building.

DESIGN SOLUTION

The design solution required that the very specific needs of a dental practice be tailored to the existing architectural framework of the house. The architects accomplished this feat by emphasizing and highlighting key architectural elements. Notable details, such as fireplaces, door/surrounds, and certain very elegant window groupings, were not only preserved but were transformed into focal points. The flow of spaces was maintained and even enhanced where possible, opening up views to the reception desk and waiting room and accentuating important features. New elements created to accommodate the unique spatial and functional requirements of a dental office, especially the reception desk and a wall storage unit, also became centers of interest. Throughout the

office, materials and finishes, both old and new, reflect a careful attention to detail and create an attractive, professional appearance appropriate to a dentist's office. The final result is a synthesis of the salient features of the existing architectural fabric and the execution of the architect's design.

M. E. Howard General Contractor, Inc. of Richmond was general contractor for the project and handled carpentry, plaster and gypsum board. The owner handled carpeting.

SUBCONTRACTORS & SUPPLIERS

(All Richmond firms)

H. Beckstoffer's Sons, Inc., millwork; Freedom Floors, Inc., resilient tile; Evans Painting, painting contractor; M. A. Bruder & Sons, Inc., paint supplier/manufacture; Walsh Plumbing & Heating, plumbing contractor; Hyman Mechanical Corp., heating contractor; Dixie Electric Supply Corp., lighting fixtures supplier; and Tate & Hill, Inc., electrical contractor.

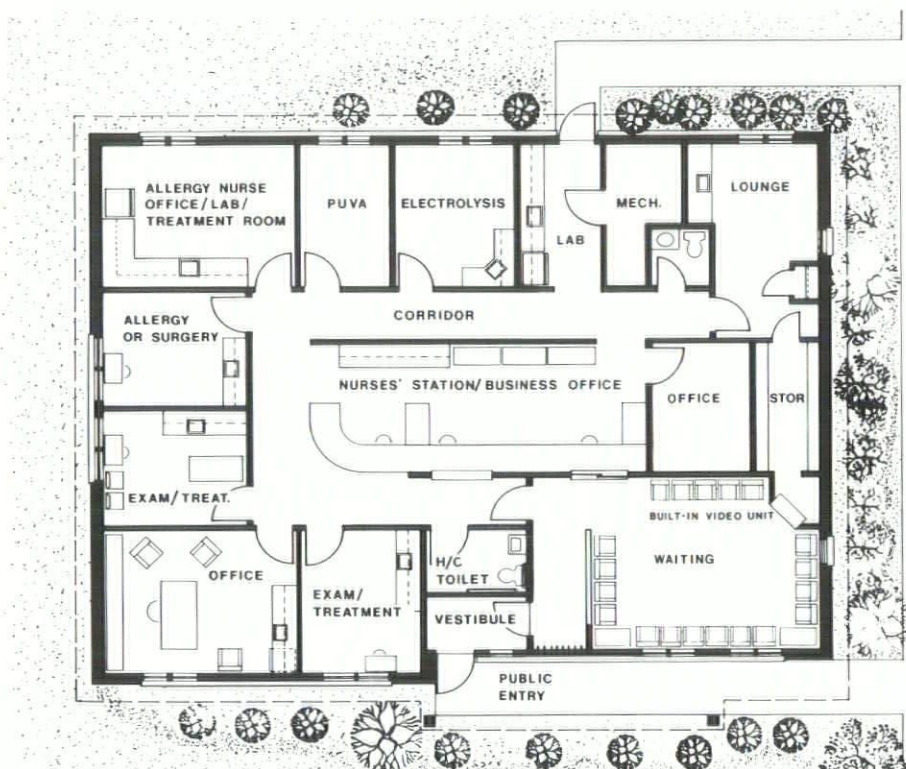


Blacksburg Dermatology and Allergy Clinic

Rogers & Reynolds Architects, Inc.

Developer: N. T. Brinkman, Inc. • Location: Blacksburg (Montgomery County)

Project Architect/Designer, Robert L. Rogers
• Interior Designer, Paula F. Winstead, ASID •
Cost Consultant, N. T. Brinkman, Inc. • Site
Engineer/Surveyor, Draper-Aden Associates,
Inc. • General Contractor, Creative Con-
struction and Development Corporation •
Photography, The Architect.



The Blacksburg Dermatology and Allergy Clinic was designed to house the regional-oriented Dermatology practice of Dr. Herbert Harris. The building layout was organized to allow for expansion of his existing practice to provide new skin-care services, such as electrolysis. A central core combines reception, business office, and nursing functions. The exam rooms, offices, circulation paths and waiting area are clustered around this partially-open area. The waiting room features a built-in video unit used for educational purposes, and a special recessed display shelf built over a file area of the adjacent space.

The site is located in the planned community of Hethwood, and is the first building in the Hethwood Commons Office Park. The architect worked with the developers of the park as well as the owner in establishing a design direction that would set an example for future buildings.

The overall style was designed to be harmonious with the adjacent residential neighborhoods. The wall materials are brick and cedar siding, with a fiberglass shingle roof. The structure consists of prefabricated wood trusses on a wood frame, with a reinforced concrete slab. Interior walls are drywall with vinyl wall covering. Floors are carpet or sheet vinyl. Ceilings are suspended acoustical tile. The mechanical system features two gas furnaces and electric air conditioning units.

The building was completed in August of 1985.

Creative Construction and Development Corporation of Roanoke was general contractor and handled foundations, concrete work, carpentry, and caulking.

SUBCONTRACTORS & SUPPLIERS

(Roanoke firms unless noted)

Anchor Construction Co., Inc., Blacksburg, excavating; Cox's Nursery, Blacksburg, landscaping materials & landscaping contractor; Stanley R. Cupp, Inc., Christiansburg, paving contractor; Valley Steel Corp., reinforcing; Marshall Con-





crete Products, Christiansburg, concrete supplier; Donnie Cook Masonry, Dublin, masonry contractor; Pine Hall Brick & Pipe, Inc., Winston-Salem, NC, masonry manufacturer; Reed Lumber Co., Christiansburg, masonry supplier, mortar & roofing; and Taylor Insulating Co., Inc., roof & wall insulation.

Also, Saunders Oil Co., foundation insulation; Timber Truss Housing Systems, Inc., Salem,

structural wood; Carter's Cabinet Shop of Roanoke, Inc., cabinets; Rain-Flow of Roanoke, sheet metal (gutters & downspouts); Roanoke Construction Specialties, Inc., metal doors & frames, wood doors, hardware supplier & specialties; Pella Window & Door Co., windows; Harman Ceiling & Partition Co., gypsum board contractor & acoustical treatment; Paula F. Winstead, ASID, Salem, resilient tile, carpet &

wallcovering; Tilley Paint Co., Inc., Pulaski, painting contractor; Devoe Paints, paint supplier/manufacturer; Ferguson Enterprises, Inc., Radford, plumbing fixture/lighting fixtures/electrical equipment supplier; Future Plumbing, Heating & Electrical, Dublin, plumbing/electrical contractor; and R. L. Finch Sheet Metal & Roofing Co., Inc., Vinton, heating/ventilating/air conditioning contractor.

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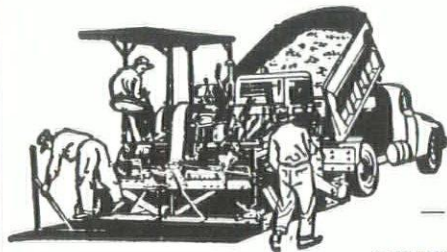
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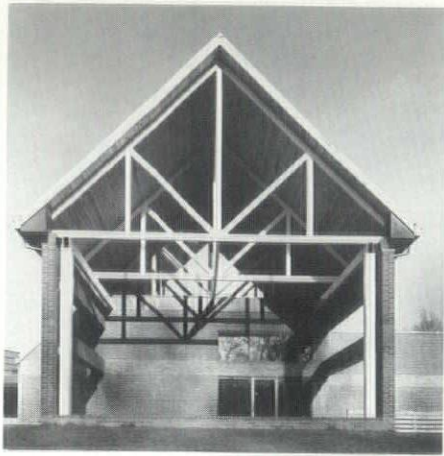
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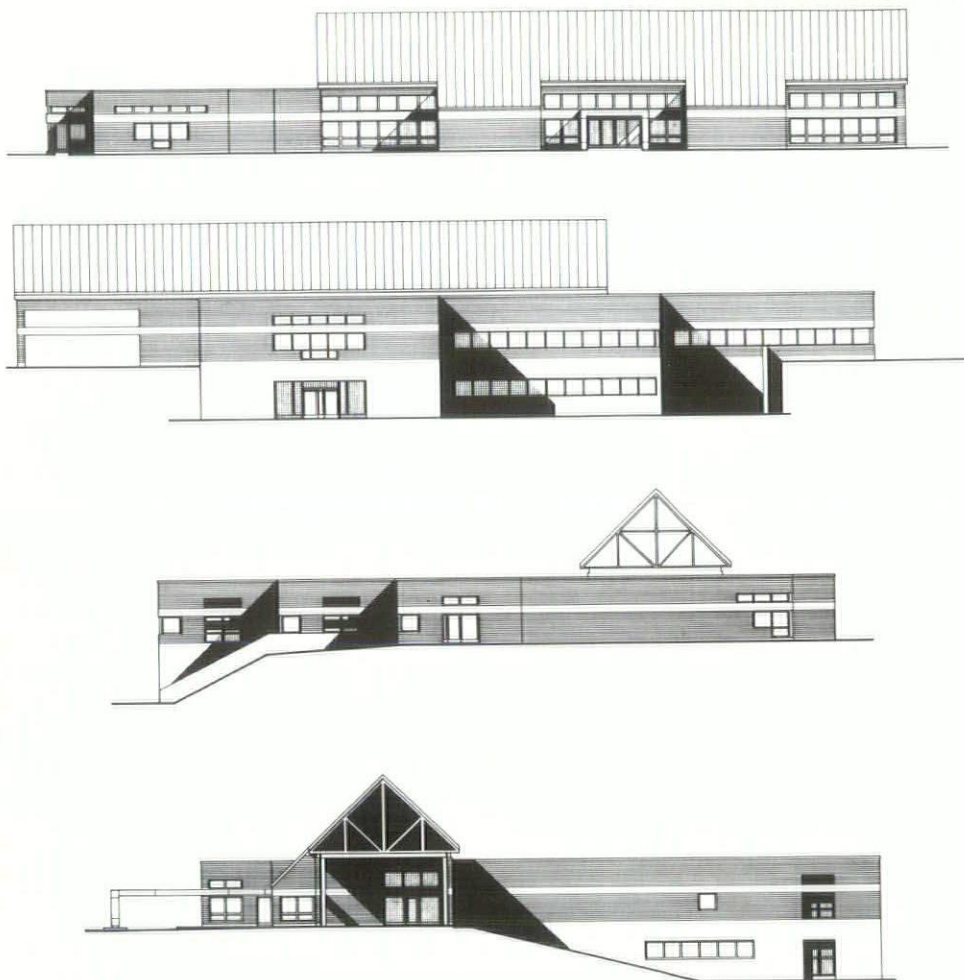
PruCare of Richmond

Glave Newman Anderson Architects, P.C.

Location: Chesterfield County

Project Architect/Designer, Willard M. Scribner • Landscape Architect, Higgins Associates • Interior Designer, Glave Newman Anderson • Site Engineer/Surveyor, Graham Henderson • Structural Engineer, Dunbar Milby Williams • Mechanical/Electrical Engineer, H. C. Yu Associates • Geotechnical Engineer, Sayre Associates • General Contractor, F. N. Thompson, Inc. • Photography, Whitney Cox.





PRUCARE

The design of health care facilities has become a major marketing tool for the client. The emphasis is on health rather than illness, and the physical environment is considered an integral part of the healing process. Thus, the building serves multiple functions via innovative architecture, interior specifications, and the overall impression or image.

"We are extremely pleased and proud of the warm impression that our facilities convey to our membership and those we serve," said Richard D. Jackler, Director of Administration for PruCare of Richmond. He was referring to his new building which houses their two distinct functions: 1) administration of the health maintenance organization and 2) provision of medical care.

To achieve that perception of warmth, everything was done to "soften" the atmosphere, to create a non-institutional, calming kind of place where people go to see their physicians. The owner's goal was to avoid the traditional impression of doctors' offices as a bunch of little, bitty rooms where you take your clothes off and wait to see the doctor. In PruCare at Boulders, the clinic design smoothly braids those delicate lines between openness and intimacy; it unites the best of nature's gifts and human design and projects the feeling of "We care."

The exterior design and colors reflect the interior image. Under the steeply pitched zinc-clad roof, the 27,450 s.f. medical clinic (which the staff has nick-named the "Ski Chalet") fills the upper level. As the zinc roof weathers and ages, it will turn a soft pewter grey. Two vertical roof projections and modular windows interrupt the red and buff banded brick front wall. A covered loggia adds a protective element to the upper entrance while the lower main entrance has standard double glass doors entering into a compact comfortable lobby.

The upper lobby is large but articulated into several intimate waiting areas, and the pharmacy projects into the space to break up the long front. PruCare members first approach the main reception desk to confirm appointments and receive directions. They then proceed through the concourse to the appropriate substation. Here they wait to be ushered into the examining room suites.

The suites are color coded with signage, wall finishes, and furnishings for specific areas of like function. The color scheme can be described as "warm buttered toast and jam." The colors consist of natural light woods, muted rose, and blue, accented with plants and windows creating an open, warm, and inviting facility.

Brightly colored banners shaped like moth's wings hang from the ridge of a high sloping ceiling, supported by white steel trusses. Seen from the highway (Chippenham Parkway) they appear to be triangular stained glass windows, especially at night. During the day the sunlight illuminates the silk banners softly suffusing the waiting areas with color.

As another counterbalance to the institutional look, an effort was made to allow people to see







F. N. Thompson, Inc. of Charlotte, North Carolina was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

Watkins Nurseries, Inc., landscaping contractor; Capital Masonry Corp., masonry contractor; Webster Brick Co., Inc., Roanoke, masonry manufacturer; Redford Brick Co., Inc., masonry supplier; Single Ply Systems, Inc., Midlothian, roof insulation; E. S. Chappell & Son, Inc., Mechanicsville, caulking; American Door and Glass, Inc., glazing contractor & storefront; Pleasants Hardware, hardware supplier; F. Richard Wilton, Jr., Inc., Ashland, gypsum board contractor; H. E. Satterwhite, Inc., ceramic tile; V. M. Shephard, painting contractor; Dagenhart Sprinkler Co., sprinkler contractor; Colonial Mechanical Corp., ventilating contractor; and Alpha-Omega Electric, Inc., Marietta, GA, electrical contractor.

General Finishes: Wellco, Forum & J & J Commercialon, carpet; Armstrong, Seagate, sheet vinyl; Armstrong Excelon, vinyl composition tile; Nafco, vinyl base; Musson, cocoa mat; American Olean, Primitive Encore, ceramic tile—floor in front entry; Dal-Tile, glazed wall tile.

Vinyl Wallcovering: Spectra Royal—Churchhill II; Seabrook Wallcovering, accent wall; Genon Wallcovering; Satinesque Tussah; Cairn; and General Tile, New Threads.

Other Wallcovering: Waverly Fabrics, Multi-graph, staff lounge; Waverly Fabrics, kid's border; Benjamin Moore, paint; Wilson Art, plastic laminates; Musson, metal ceiling in vestibule; Armstrong Minatone Georgian, acoustical ceiling tile; and Cartwright & Design Tex, fabric.

Furniture supplied locally by Morton Marks & Sons, Inc.—Metropolitan, Design Tex fabric; Touhy; Brickel, Eclipse Cloth Fabric; Krueger; Steelcase Concentrix; Cartwright; OSI; Alma; Nessen; Custom Woodwork; Wassi; Johnson Industries; Lowenstein; Don Keas Woodworking; Bernhart; Peter Pepper; Smokedor; Howard Miller; and Coral of Chicago Fabric curtains.

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out as often as possible. At each corner, windows permit staff and patients to reestablish a relationship with the outdoors and the soothing effects of natural vistas.

The site is part of a 220-acre wooded office park called The Boulders. PruCare sits on 5.5 acres of steeply sloped terrain. The building was positioned to take advantage of the slope and to facilitate the binary division according to functions and separate main entrances.

The administrative office section of the rapidly growing health maintenance organization had its own requirements. It needed to be separate from the clinic but accessible. The simple upper/lower level division allows members to take care of paperwork and visit the doctor during one trip. For immediate visual recognition of the two service areas, the exterior looks like two buildings.

Currently the administration occupies 10,000 s.f. with two open-office systems for the marketing and administrative functions. Because of the program's projected rapid growth, expansion space was included as part of the design. On the upper level the open-ended chalet leads to future space. The proposed square footage also doubles the number of offices and examining rooms; the long-range plan accommodates 16 doctors.

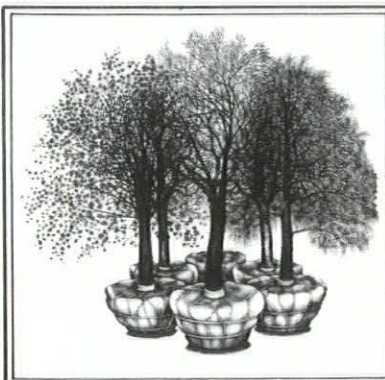
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Children's Hospital Renovation

Baskervill & Son — Architects

Location: Richmond

Interior Designer, Mechanical/Electrical Engineer, Baskervill & Son • Structural Engineer, Harris, Norman & Giles • General Contractor, Taylor & Parrish, Inc. • Photography, Don Eller's Custom Photography.

BACKGROUND/PROGRAM

Children's Hospital is a non-profit specialty hospital providing health care for children. Established in 1920, Children's Hospital moved to its present location in 1928. The Italian Renaissance style building located in northside Richmond was designed by Mr. Henry E. Baskervill.

In October 1982, Children's Hospital made the commitment to strengthen existing medical programs and offer additional medical services. In order to achieve this goal, a major renovation and expansion of the facilities was begun.

DESIGN SOLUTION/CONSTRUCTION

The project was phased to allow the hospital to continue operations during construction. Construction included a major addition to the existing facilities and the renovation of the existing building.

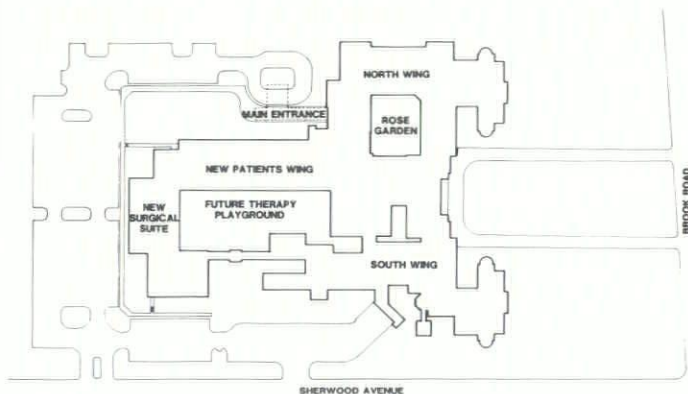
The new structure located to the west of the existing facilities houses patient rooms, child life area and surgical suites.

The patient rooms contain private baths, built-in wardrobes, and special beds for parents to stay overnight with their children. Nurses are able to monitor patient rooms through large curtained windows. Located in the patient area are three play areas for the children, a central lounge and a parent's waiting room.

The child life area is an area for physical therapists to work with patients in play activities. Child life contains built-in kitchen, lounge, and computer games for the patients. An inner court which was created by the addition, will be used for a therapy playground in the near future.

The surgical suite contains two fully-equipped state-of-the-art operating rooms, an eight bed recovery area, a central sterile area, and ancillary areas.

Renovations include an expanded dining area and patio, a new conference dining room, a canopied patient entrance, as well as a new lobby designed to accommodate children. Office space for physicians, cast rooms, 12 private examining rooms and specialty examining





rooms for eye and ear clinics were incorporated in the North Wing renovation. To complete the program, the renovation of Therapy South Wing provided facilities for occupational therapy, physical therapy, speech therapy, audiology, psychology and social services.

Construction of the addition is concrete slab on grade with structural steel framing system designed for future building expansion. The prominent exterior materials include an insula-

tion/stucco wall system and Italian roof tile. These materials were chosen to blend the new building with the existing structure. Interior finishes were chosen to soften the institutional setting and to create a home atmosphere. Special attention was given to the finishes in the public areas. The children have complete freedom to move throughout the facilities.

Taylor & Parrish, Inc. of Richmond was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

Southern Brick Contractors, Inc., masonry contractor & stonework supplier; Liphart Steel Co., Inc., steel supplier; N. W. Martin & Bros., Inc., roofing; H. Beckstoffer's Sons, Inc., millwork; E. S. Chappell & Son, Inc., Mechanicsville, caulking; American Door & Glass, Inc., glass, glazing contractor & windows; Pleasants Hardware, metal doors & frames, plumbing fixture supplier & hardware supplier; F. Richard Wilton, Jr., Inc., Ashland, plaster contractor; Fendley Floor & Ceiling, Inc., acoustical treatment, resilient tile & special flooring; Lane Bros., Inc., painting contractor & wallcovering; Wes-Way Sprinkler Co., Inc., Mechanicsville, sprinkler contractor; Harris Heating & Plumbing Co., Inc., Ashland, plumbing/heating/ventilating/air conditioning contractor; and Folkes Electrical Construction Co., Glen Allen, electrical contractor.



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Geotechnical Engineers for
Riverside Drive Medical Park
and The Jefferson Plaza
Office Building
featured in this issue.

Riverside Drive Medical Park

Beery, Rio & Associates, Architects

Owner: Riverside Partnership • **Location:** Salisbury, Maryland

Project Architect/Designer, Gordon B. Sims, III • **Landscape Architect,** Laurence Whitlock • **Site Engineer/Surveyor,** John H. Plummer & Associates • **Structural Engineer,** Advance Engineers, Ltd. • **Mechanical/Electrical Engineer,** Strickler Associates, P.C. • **Geotechnical Engineer,** ATEC Associates, Inc. • **General Contractor,** Willow Construction, Inc. • **Photography,** Richard Moore.

A complex of medical offices completely accessible to handicapped at all levels and entrances was completed at the Riverside Drive Medical Park in Salisbury, Maryland, early in 1985.

Located on the banks of the Wicomico River with access from both Riverside Road and Wicomico Street, the medical center is composed of two two-story buildings, each completely surrounded by parking area.

Building A is approximately 27,800 square feet; Building B is 21,000 square feet. The site provides for the possible future development of an 8,000 square foot Building C, which would overlook the river.

The sloping site has been used to provide on-grade entrances on all levels. Ramps and bridges connect the various parking areas and

walks to entrances. West entries to the buildings are into the upper story. Full perimeter windows are maintained on the lower levels on the west side through the use of retaining walls and landscape courts.

A variety of medical/dental practitioners occupy the office suites. The spaces have been tailored to meet the specific needs of each user with auxiliary areas included for special equipment. One building, for example, includes a subgrade radiology suite.

Rooftop mounted, package heat pump units provide HVAC to each practitioner with individual thermostat control. The plumbing system is constructed with invert elevations at the building face to accept connections from the furthest possible point within the building thereby preserving the flexibility of design for future intensive space modifications.

The project has been developed on the basis of a total design concept, defined from within by the interior functions, molded from without by the site construction, and limited by financial considerations.

Willow Construction, Inc. of Easton, Maryland was general contractor for the project and handled carpentry.

SUBCONTRACTORS & SUPPLIERS (Salisbury, MD firms unless noted)

Whitlock & Associates, Ocean City, MD, landscaping contractor; American Paving Corp., paving contractor; Pocahontas, Inc., concrete contractor; Allen Tyler & Son, Inc., Cambridge, MD, masonry contractor; Richtex Corp., Columbia, SC, masonry manufacturer; Salisbury Brickyard, masonry supplier; Salisbury Steel Products, Inc., steel supplier, metal doors & frames & hardware supplier; George L. Elliott & Son, Inc., steel erection; Owens-Corning, 33TS built-up roof manufacturer; Wade Insulation, Inc., Dover, DE, roof insulation; and Delmarva Acoustical, Baltimore, MD, wall insulation, gypsum board contractor & acoustical treatment.

Also, Sam Yoder & Sons, Inc., Greenwood, DE, structural wood; Lowe's of Easton, Easton, MD, millwork; J & B Caulkers, Laurel, DE, caulking; Charles Brown Glass Co., Inc., glazing contractor; E. S. Adkins & Co., wood doors; Kawneer Co., Inc., Niles, MI, Thermal Core windows; Lawrence Adshead & Son, East New Market, MD, ceramic tile; Pro-Floor Systems, resilient tile & carpet; B & H Coatings, painting contractor & wall covering; Wilfre Co., Inc., plumbing contractor; Griffin Air Conditioning & Electric Contractors, Hebron, MD, heating/ventilating/air conditioning contractor; Rommel Electric Co., electrical contractor; and C & B Cleaning Services, cleaning services.



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Asbury Methodist Home

CHK Architects and Planners — Architects

Owner: Asbury Methodist Home • **Location:** Gaithersburg, Maryland

Structural Engineer, Gray and Heinzman • **Mechanical Engineer,** Benbassat & Sporidis Associates • **Civil Engineer,** Oyster, Imus, Petzold • **Lighting Consultant,** C. M. Kling—Lighting Design • **Interior Designer,** Connie Mercer • **Builder,** Coleman & Wood.

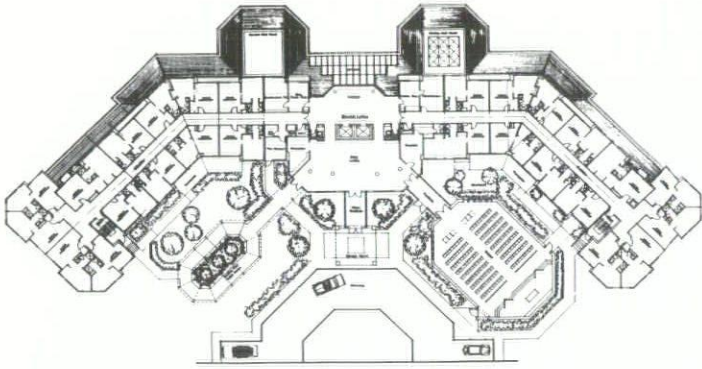
PROGRAM

Design new elderly facility for the 150 residents now living at the Old Home.

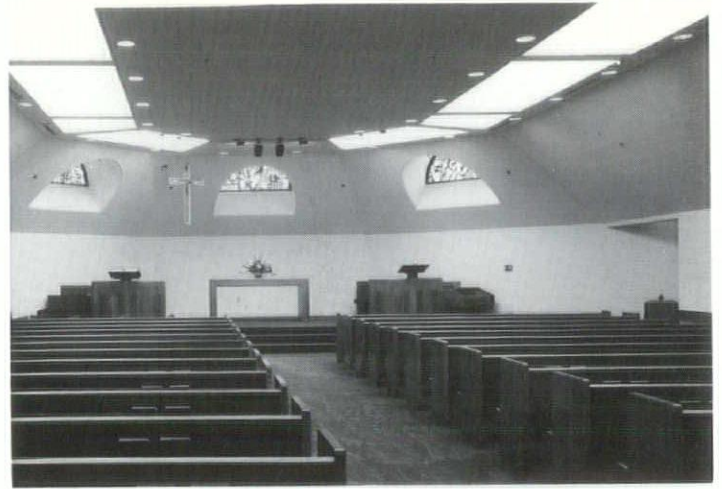
SITE

135 gently rolling farmlike acres in Gaithersburg, Maryland, owned by Asbury Methodist





Lobby Level



Church, containing three high-rise apartment buildings, a nursing home, and the original Asbury Home.

SOLUTION

The new structure was designed to blend in with the adjacent building materials and colors but, with a more contextual approach to the existing Elderly Home, loved by everyone, which has a more traditional character. The brick building is a seven-story concrete framed structure, so that none of these units will be more than 120' from the elevator core.

The facade was articulated by various one-story elements such as the entry porte-cochere, chapel, and special housing units, to provide a strong base. The roof line was treated with a combination of hips and pediments to complement the existing home as well as providing a strong residential character.

BUDGET
\$6,500,000

COMPLETION DATE
Spring 1984

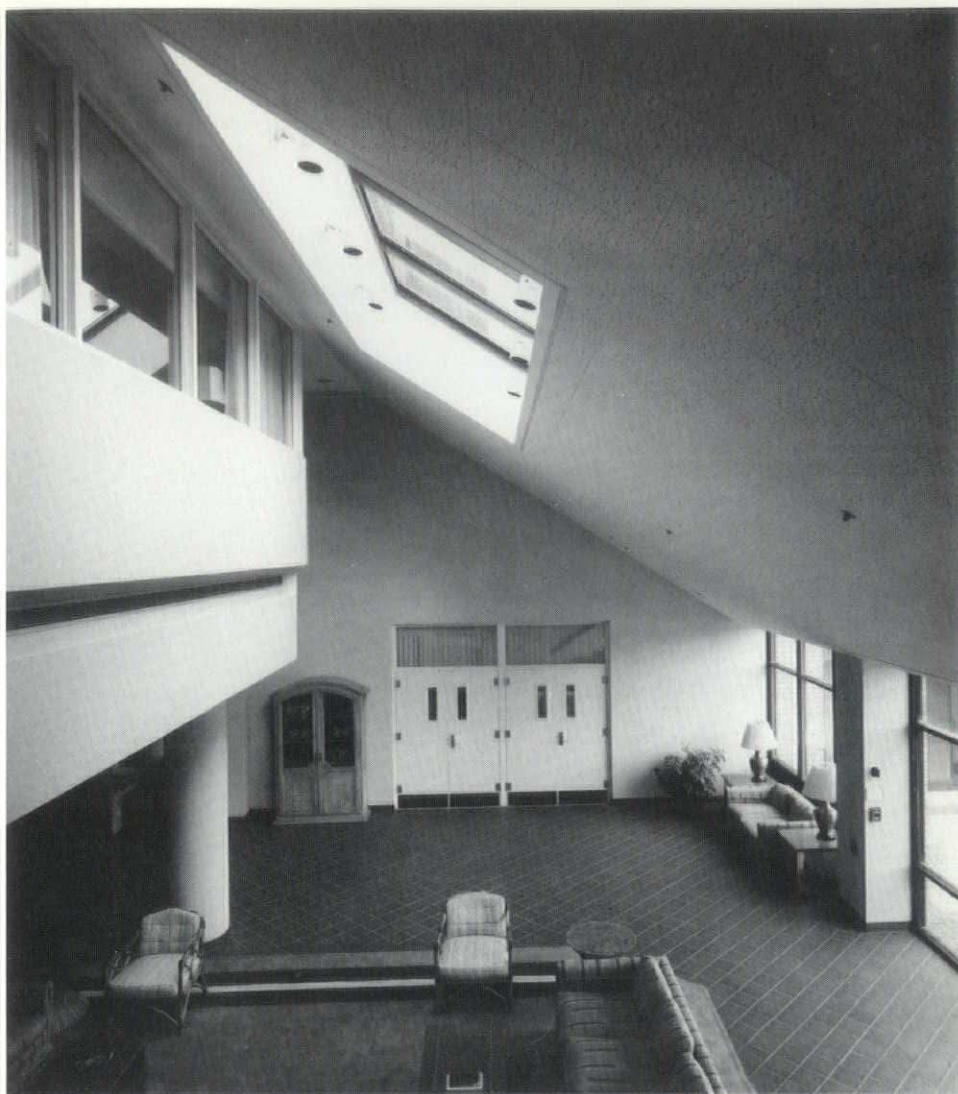
CONSTRUCTION CREDITS

Coleman & Wood, Inc. of Silver Spring, MD was builder for the project.

SUBCONTRACTORS & SUPPLIERS

Miller & Long Co., Inc., Bethesda, MD, concrete contractors; A. Myron Cowell, Inc., Gaithersburg, MD, masonry; W. A. Russel & Co., Westmonk, NJ, cast stone; Perry Steel Sales, Inc., Silver Spring, MD, structural steel & deck; Acme Iron Works, Inc., Tuxedo, MD, miscellaneous metal; R. D. Bean, Inc., Beltsville, MD, roof & sheet metal; House of Glass, Inc., Frederick, MD, glass, glazing & storefront; P & P Contractors, Rockville, MD, plaster, drywall & acoustics; Bryan & Associates, Edmonston, MD, paint & wallcovering; and H. A. Weiss & Sons, Inc., Frederick, MD, food service equipment.

Also, Braedon Mechanical, Inc., Fairfax, HVAC & plumbing; W. K. Trunell, Inc., Rockville, MD, electrical; General Elevator Co., Inc., Washington, DC, elevators; Frederick Tile Co., Frederick, MD, ceramic & quarry tile; Metal Products, Inc., Laurel, MD, aluminum deck & rail; Laurence Barnes Co., Inc., Dunkirk, MD, trash compactors; Arlington Woodworking & Lumber Co., Inc., McLean, millwork; Swingin' Door, Inc., Rockville, MD, wood doors; Leonard's Draperies, Beltsville, MD, venetian blinds; and AAA Thermal Windows & Doors, Fairfax, sliding doors & windows.



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TRAVELERS' GUIDE

State Parks Begin 50th Season

The Virginia State Park system began its 50th season on March 28, when State Park campgrounds opened. The State Park housekeeping cabins will open April 28. The Virginia Division of Parks and Recreation of the Department of Conservation and Historic Resources has instituted a program allowing all overnight reservations, made at any Division location, to be paid by MasterCard or VISA.

The opening of the campground, cabin and picnic facilities adds to year-round activities such as hiking, boat launching and fishing in expanding recreational opportunities in State Parks prior to the beginning of the full-operating season. Concession operations including swimming, horse rental, and restaurant service will commence as weather and attendance permit, which will vary with each park. At most parks these concession facilities and services will be available on the weekend of May 17-18 and daily from Memorial Day weekend through Labor Day.

The interiors of all 150 State Park housekeeping cabins have been renovated including improved electrical and plumbing service. In addition the cabins now have curtains, braided rugs, upholstered furniture, towels and linens included in the rental fee. Cabin rental fees have been increased. They now range from \$95.00 per week

for a one-room cabin, to \$180.00 per week for a two-bedroom cabin (\$216.00 at Seashore State Park). In addition, a \$20.00 returnable deposit is required. Reservations for cabins are available 51 weeks in advance of the desired occupancy date.

The Division also announced that the camping and picnic shelter reservation fees for 1986 will not increase. The camping fee is \$7.00 per night, per campsite (\$8.50 at Seashore State Park). Camping reservations may be made up to 90 days prior to the desired rental period, beginning March 28. A primitive campsite at Clinch Mountain, False Cape and Sky Meadows State Parks will rent for \$5.00 per night. Sites at these parks are available on a first-come, first-served basis. Sky Meadows and False Cape campgrounds are not accessible to motorized vehicles. Occoneechee and Smith Mountain Lake State Parks also have primitive sites at the same price, but all of their camping facilities can be reserved in advance. Picnic shelter reservation fees are \$12.50 to \$25.00 per shelter, per rental period, depending upon size of facility.

On June 13, 1936, six Virginia State Parks opened for the first time. They were Douthat near Clifton Forge, Fairy Stone in Patrick County, Hungry Mother in Marion, Seashore in

Virginia Beach, Staunton River in Halifax County, and Westmoreland County.

Today, the Division of Parks and Recreation manages 35 recreational, historical and natural areas across the State. For information on facilities, programs or services in Virginia State Parks, contact the Division at (804) 786-5045 or the nearest Virginia State Park location.

Additional information on reservations may be obtained by calling or writing the Division of Parks and Recreation Central Office, 1201 Washington Building, Capitol Square, Richmond, Virginia 23219; telephone (804) 786-2134. Inquiries can also be directed to the Ticketron Reservation Center in Virginia Beach at (804) 490-3939.

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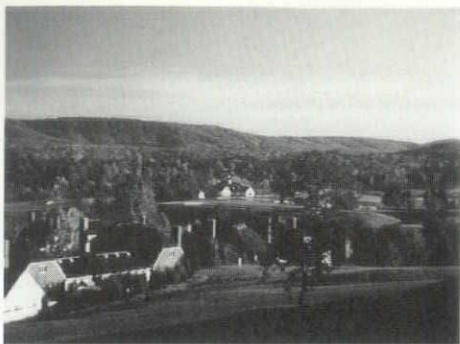
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Birdwood Golf Course Clubhouse — Phase I For the University of Virginia

M. Jack Rinehart, Jr., Architect, AIA

Location: Albemarle County

Project Architect, Alison I. Scheuing Smith
• Golf Course Architect, Lindsay Irvin & Associates
• Structural Engineer, David Morris, P.E.
• Mechanical/Electrical Engineer, Paul A. Sweet, AIA, P.E.
• Interior Designer and Photography, The Architect
• General Contractor, Martin/Horn, Inc.

Atop a knoll on a prominent estate in Albemarle County, sited just beyond the Birdwood Pavilion (the historic mansion of the estate) stands the

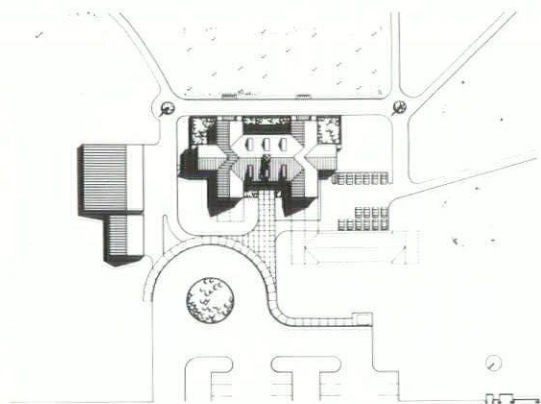
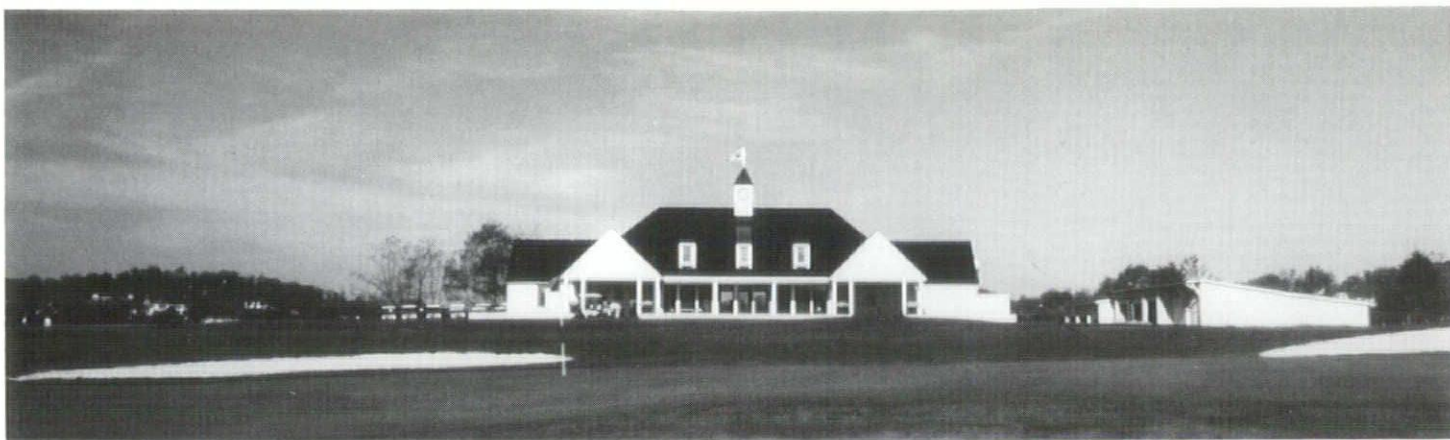
recently completed golf clubhouse of the University of Virginia golf course.

The primary intent in the design of this structure was to develop a classic forum for interaction between golfers on and off the golf course. The building was to support and extend the golfing experience. On the golf course, it serves as the prime point of orientation as it is visible from 14 of 18 holes. The abstraction of classical elements such as large open porches, gables, dormer windows, trellis, and a tall cupola were included to tie its design to the 500 year history of the game of golf. In addition, a contextual "fit"

with the surrounding vernacular farm buildings consistent with the historic nature of the site was emphasized in the handling of the building's volumes and materials.

The program for this 3,500 square foot facility consisted of a Pro Shop with an office for the Professional, Mens' and Womens' Locker Rooms, a Lounge, and a Kitchen. The Lounge has a 180° uninterrupted view of the golf course and a 17' high ceiling with clerestory windows. This structure has 13.2% glass (well below the State restriction of 17.2%), most of which faces the southeast and is shaded by overhangs or by





a trellis, enabling the structure to be extremely energy efficient, especially in light of its seasonal use.

A key factor in its functional design was that the golf professional had to have visual control of the "goings on" not only inside the building, but outside as well. From his office and the Pro Shop, he must monitor the activities on the 1st, 10th, and Practice Tees and see the golfers coming off the 9th and 18th greens. Another requirement of the building's form was that it had to accommodate future additions, including already designed Phase Two, hopefully without resorting to the anonymous institutional flat roof.

The First Phase completed all the requirements of the program except providing new golf club and cart storage, and enlarging locker and golf shop facilities, requirements which form Phase Two. Existing nearby farm structures were remodeled to accommodate the golf carts and club storage on a temporary basis until Phase Two, shown dotted, is funded. The facility was dedicated in May 1985.

Martin/Horn, Inc. of Charlottesville was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Charlottesville firms unless noted)
Cersley Masonry, masonry; E. S. Chappell & Son, Inc., Mechanicsville, caulking & sealants; DMA & Associates, Inc., Richmond, carpet; HIVA of Richmond, Inc., Ashland, ceramic & quarry tile; L. A. Lacy, Inc., plumbing; The Macke Co., Roanoke, food service equipment; E. M. Martin, Inc., membrane waterproofing, roofing, flashing & sheet metal; Myers & Whitesell, Inc., Waynesboro, electrical, fire alarm & security system; Sheets Contracting, Elkton, painting; Terminix Engineers, termite treatment; and Tri-City Insulation, Inc., insulation.

Also, Virginia Glass Co., Inc., glass & glazing; Virginia Insulation Corp., exterior finish system; Weather Conditioners, Inc., Lynchburg, HVAC; Worsham Sprinkler Co., Inc., Ashland, sprinkler; Associated Steel Products, Inc., structural & miscellaneous steel; Better Living, Inc., millwork—roof trusses; Holsinger Lumber Co., Inc., Staunton, millwork; Luck Stone Corp., Richmond, Bluestone paving; Pella Virginia, Inc., Richmond, windows, doors, custom items; Pleasants Hardware, Richmond, finish hardware; and Rockingham Steel & Supply Co., Inc., Harrisonburg, reinforcing steel.

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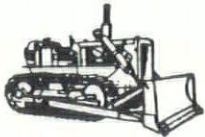
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Woodlake Aquatic Center

The Planning & Design Collaborative — Architect

Location: Woodlake, Midlothian

Project Architect/Designer, J. P. Vaughan, AIA • Landscape Architect/Interior Designer, Planning & Design Collaborative • Site Engineer/Surveyor, J. K. Timmons & Associates • Structural Engineer, St. Clair, Callaway & Frye • Mechanical Engineer, Simmons, Rockecharlie & Prince • General Contractor, Harris Construction Co., Inc. • Photography, Ben Greenberg.

PROGRAM

To design an indoor/outdoor pool complex for Woodlake, a planned 1200 acre residential community. While the indoor pool needed to accommodate competition swimming (8-lane, 25 yards) and diving (3 and 10 meter boards), the outdoor portion was required to be a "fun" pool with an irregular shape to segregate areas of usage by age groups and large terrace areas for sunbathing. The bath/shower areas needed to serve not only both pools, but also adjacent tennis courts. The site plan and building design were required to accommodate future expansion for a multi-purpose room (aerobics, meetings, etc.) and an equipment exercise room. The location of the facility is within the Village Square area of Woodlake and was therefore required to be complementary to the existing and proposed smaller scale buildings in the immediate vicinity (see June '85 *Virginia Record*).

SITE

The site is located between the entrance road to Village Square and the Pavilion/Amphitheater at the lake's edge. On a hill approximately 30 feet above the lake, the site affords spectacular views across sloped open space to the lake.

SOLUTION

The slope on the site and requirement for large flat areas produced a terraced scheme with the main pool building set into a bank on the uphill (road) side and opening onto a terrace at the lower side. Approximately four feet below is the "fun" pool set into an irregular shaped terrace with curvilinear pool and seating areas. The change in levels accommodates a water slide from the upper level into one of the usage "zones" of the "fun" pool. From the Village Square Entrance Road a view through the building to the "fun" pool is also accommodated through articulation of the levels.

The entrance is located on the end of the building adjacent to a check-in desk on the right and restroom and shower facilities on the left. A small vending area separates the circulation to the showers from the main pool area. Upon entering the building, however, there is a view across this foyer space into the pool area. A suggestion of lattice further defines the main pool area from these other functions.

A major program element was to avoid a closed in, artificially illuminated "echo chamber," so typical of most indoor pools. Because of the limited scope of the outdoor facility it was desirable to provide a free flow of access between the larger indoor swimming area and the "fun" pool. It was also desirable to take advantage of the spectacular views of the lake and surrounding recreational facilities. Large sliding glass doors on both sides of the pool not only achieve the above program elements but





also provide cross ventilation, eliminating the need for air conditioning in the summer months. The use of a Koppers laminated structural system (penta treated for moisture protection and stained white) satisfied the more practical problems associated with high humidity conditions, and the aesthetic objective of a light, bright space.

As noted above, one of the most critical problems in the design of enclosed pools is the high humidity conditions. When coupled with the high chlorine content of the air and evaporation of heated water from the pool this problem becomes doubly important to consider. The building structure, fixtures and fittings, furnishings, and finishes are all affected by these abnormal conditions. At the Woodlake Aquatic Center, in addition to carefully considering the materials utilized, the architects and engineers specified a York Poolpak system. This system not only controls the atmospheric conditions, but recaptures the moist chlorine laden air and recycles it to minimize evaporation losses and the quantity of chlorine needed to maintain proper pool conditions. In addition to these problems, high humidity conditions are rigidly controlled, consequently minimizing condensation problems such as fogged windows, indoor "rain," rust, etc.



The exterior of the building is painted masonite with white trim to meet budgetary constraints and to complement other buildings in the Village Square. The green corrugated asphalt roofing is also similar to colors and materials used elsewhere in the Village Square area and provides texture to break up the large roof expanses produced by the scale of the structure. Extensive use of colors (aqua, deep plums, and mauves) used on the interior, complement the white stained wood, white trim, and blue greens of the pool. Exterior furnishings and colors were selected to complement the overall interior and exterior colors of the building.

The severely restricted budget (less than one million for the entire project) and the highly technical and sophisticated requirements of the air handling conditions required extraordinary coordination among owner, architect, and engineers. The resulting project, which opened May 5, 1985, is a reflection of this successful collaboration.

CONSTRUCTION CREDITS

Harris Construction Co., Inc. of Midlothian was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS (Richmond firms unless noted)

W. T. Cantrell, Inc., excavating; K. M. Bottoms, excavating & paving contractor; Pocono Nurseries, Inc., landscaping materials & landscaping contractor; Barber Construction Co., Inc., Hopewell, foundations; D. T. Blaquiere, concrete contractor; J. J. Sturt, Matoaca, masonry contractor & waterproofing; Koppers, Inc., Raleigh, NC, roof deck, roof insulation & structural wood; Southern Insulators, Inc., Midlothian, wall insulation; Builders Supply Co. of Petersburg, Inc., Petersburg, roofing, millwork, metal doors & frames, wood doors & windows; and Alternative Niches, Powhatan, carpentry.

Also, May's Custom Kitchens & Appliances, Midlothian, cabinets; Central Environmental Systems, Inc., sheet metal & heating contractor; Binswanger Glass Co., Inc., glass, glazing contractor & storefront; Pleasants Hardware, hardware supplier & specialties; Southern Drywall Applicators, Midlothian, gypsum board contractor; Ernest H. Mann, painting contractor; Virginia Paint Co., Inc., paint supplier; Benjamin Moore Paints, Chester, paint manufacturer; Borg-Warner Air Conditioning, Inc., equipment & heating contractor; Jopa Company, swimming pools; Hileman Plumbing & Heating Co., sprinkler & plumbing contractor; VAMAC, Inc., plumbing fixture supplier; and Knight Electrical Contractor, Inc., Mechanicsville, electrical contractor.

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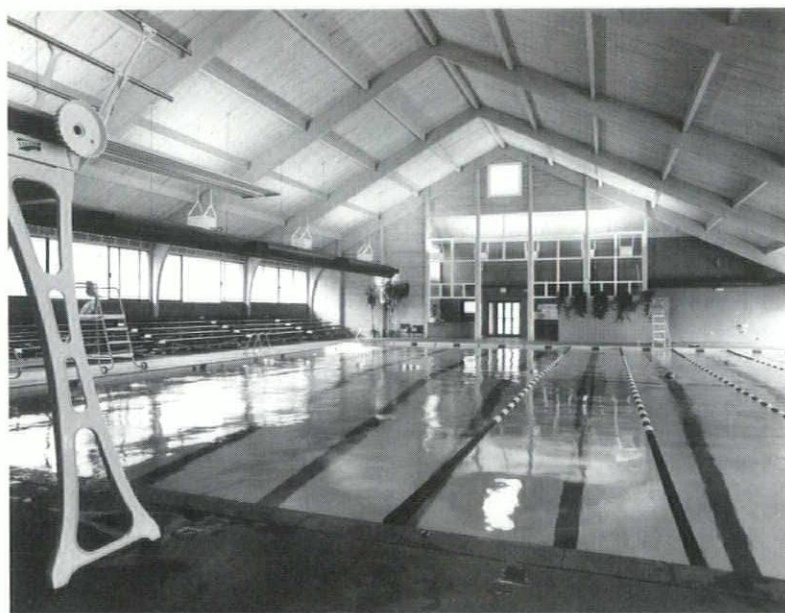
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Pizza Hut Central Virginia Corporate Offices

Freeman and Morgan, Architects

Owner: Pizza Hut Central Virginia Franchise
• Location: Brandermill, Chesterfield County

Project Architect/Designer, John C. Morgan, AIA • Interior Designer, Denise McAdams of Chasen's Business Interiors • Consulting Structural Engineer, Dunbar Milby and Williams • Mechanical/Electrical Engineer, Bohannon, Staley and Associates • Civil Engineer, J. K. Timmons & Associates • Geotechnical Engineer, Sayre & Associates • General Contractor, Commercial Construction Corp. • Photography, James Adcock Photography.

OWNERS' PROGRAM

It was the desire of the owners to build a corporate headquarters for their Central Virginia Franchise. This franchise market is experiencing rapid growth and therefore is increasing the number of employees. The owners asked for a headquarters containing a full service training facility for store managers and other management personnel. Situating their offices in the design-oriented community of Brandermill inspired the request for a corporate building that is "contemporary with a residential scale," and one having visual impact for the surrounding community as well as passing motorists.

SITE

The site for the project is 2.06 acres of land located in the planned community of Brandermill in Southwest Chesterfield County. It is bounded on the north by Genito Road, and on the south by the Brandermill Golf Course designed by golf pro Gary Player. Because the site is wrapped around a back corner of Genito Station Shopping Center, the office is situated far from the road and oriented with the view towards the

golf course. Care was taken to settle the building in the trees, and save the natural effect wherever possible.

DESIGN SOLUTION

The design of the building is intended to provide the necessary facilities within a residential language of architectural scale. This enables the building to blend with the immediate community. The design's focus as an office and training facility is softened by designing a single story, wood frame on concrete slab building with an irregular facade. The sharp angles of the facade create opportunities for variations of light and shadow through corner details and varying roof pitches. Because the office floor plan flows in many directions, the zig-zagging walls give the 9,280 square foot building presence enough to stand out and make the most of its small site.

Use of stained cedar siding carries out the contemporary and residential appearance of the building, as does the generous use of insulated glass facing the golf course. Also, the architect designed a deck extending out from the building



toward the golf course, complete with umbrellas and tables. An added bonus is that it provides a beautiful spot for lunch with co-workers, which boosts employee morale.

The Pizza Hut Corporate Offices were completed fall of 1984.

CONSTRUCTION CREDITS

Commercial Construction Corp. of Richmond was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

James River Nurseries, Inc., landscaping materials & landscaping contractor; Webster Brick Co., Inc., Roanoke, masonry manufacturer; Riverton Corp., Riverton, Flamingo mortar; Hanover Fabricators, Ashland and Trus Joist, Midlothian, roof trusses; Sound Structures of Virginia, Inc., Midlothian, structural wood; Ruffin & Payne, Inc., millwork & wood doors; and R. A. Siewers, Inc., cabinets.

Also, American Door & Glass, Inc., glass, glazing contractor & storefront; Pleasants Hardware, hardware supplier; L & M Tile & Floor Covering Co., Inc., Highland Springs, ceramic tile & resilient tile; Manson & Utley, Inc., suspended tile ceiling; Lane Bros., Inc., painting contractor & wall covering; Goldberg Co., Inc., kitchen equipment; Sterner Co.—"LeBox," parking lights; Architectural Hardware, Inc., plumbing fixture supplier; Davenport Mechanical Co., plumbing/heating/ventilating/air conditioning contractor; Maddux Supply Co., electrical equipment supplier; Lightolier, Peerless, and Progress lighting fixtures; and J. L. Minter Electrical Contractor, Inc., electrical contractor.



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- Pizza Hut Central Virginia Headquarters
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Chesterfield Power Operations Training Center and System Laboratory

Virginia Power/Architectural Services — Architect

Owner: Virginia Power • Location: Chesterfield County

Project Architect/Designer, C. T. Wilkinson, Jr., AIA • Landscape Architect, K. N. McDaniel • Interior Designer, Design Concepts • Cost Consultant, C. B. Huffman • Site Engineer/Surveyor, R. H. Green/Carrouth & Assoc. • Structural Engineer, James P. Pollard, Jr., P.E. • Mechanical Engineer, Emil J. Lenzi, Jr., P.E. • Electrical Engineer, R. B. Cohen/S.K. Madhukar • Geotechnical Engineer, John S. Thornton, Jr., P.E. • Communications, Charles Taylor • General Contractor, Andrews Large & Whidden, Inc. • Photography, R. Wilton Deyerle, Jr.

PROGRAM REQUIREMENTS

To construct a facility housing a training center and laboratory for Virginia Power. Existing facilities, outdated and with limited expansion capabilities, were abandoned.

The purpose of the Training Center is the development, instruction and administration of various teaching programs for mechanics, electricians and operators of the fossil/hydro power stations operated by Virginia Power/North Carolina Power/West Virginia Power.

The System Laboratory performs testing requirements to satisfy state and environmental agency permits, and analyzes fuel supplies and water samples used at all power stations operated by Virginia Power/North Carolina Power/West Virginia Power.

SITE

The building site, a parcel of 17 acres, adjacent to Chesterfield Power Station is a grassy clearing bounded on three sides by trees. The fourth side orients toward the power station.

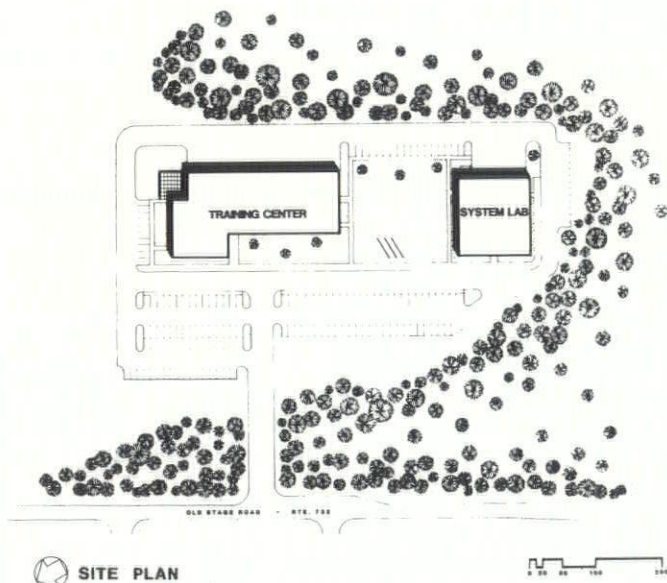
SOLUTION

The Training Center and System Laboratory were designed as two separate buildings. Future expansion of both buildings is anticipated, but at different times and different growth rates. A common design vocabulary was selected to give the facility an academic/campus feeling.

A single-story steel frame building was selected for economy. Structural bays are expressed by the use of brick pilasters. The use of brick, wide expanse of glass and an overhanging metal fascia was a departure from the prefabricated metal and industrial styled structures previously built by Virginia Power.

The 27,000 square foot Training Center is organized into three zones. Administrative, clerical and program development staff are placed adjacent to the entrance. The academic zone contains classrooms which are paired with shops for mechanics and electricians and a control room simulator. Instructors' offices are placed next to the classrooms to encourage greater instructor-student contact. A common activity zone consists of a media center, lunch room and dining terrace.

The 13,000 square foot System Laboratory contains offices for a staff of 20 and 10 specialized labs. A technical library, lunch room and 1,100 square feet of storage are provided. Modular





laboratory furniture was selected to provide the flexibility that the System Lab requires to perform its various functions.

Shipping and receiving areas are located at the rear of both facilities and parking for 160 cars was provided.

CONSTRUCTION CREDITS

Andrews Large & Whidden, Inc. of Farmville was general contractor for the project and handled foundations and concrete work.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

Watkins Nurseries, Inc., landscaping materials & landscaping contractor; Shoosmith Bros., Inc., Chester, paving contractor; Bowker & Roden, Inc., reinforcing; Lone Star Cement, Inc., concrete supplier; Daniels & Ingram Masonry Contractors, Colonial Heights, masonry contractor; Webster Brick Co., Inc., Roanoke, masonry manufacturer; Riverton Corp., Riverton, Flamingo mortar; Mack's Iron Co., Inc., Chester, steel supplier/erection/joists/roof-deck; Horace L. Lipford, Inc., Mechanicsville, metal fascia; and N. W. Martin & Bros., Inc., roofing & roof insulation.

Also, Holsinger Lumber Co., Inc., Staunton, mill-work, cabinets & wood doors; Commercial Caulking Co., caulking; Richmond Glass Shop, Inc., glass & glazing contractor; Roanoke Engineering Sales Co., Inc., metal doors & frames & windows; Architectural Hardware, Inc., hardware supplier; F. Richard Wilton, Jr., Inc., Ashland, plaster contractor & gypsum board contractor; General Tile & Marble Co., Inc., ceramic tile; The Carpet House, Farmville, acoustical treatment, resilient tile & carpet; IMC of Virginia, Inc., Hopewell, painting contractor; and M. A. Bruder & Sons, Inc., Broomall, PA, paint supplier/manufacture.

Others were: NYCOM, Midlothian, Hamilton lab equipment; HYDRO, Rockville, MD, demineralized water system; American Sprinklers Systems, Inc., Chesterfield, sprinkler contractor; Noland Co., plumbing fixture supplier; J. F. Robertson Plumbing & Heating, Inc., Prince George, plumbing/heating/ventilating/air conditioning contractor; Dixie Electric Supply Corp., lighting fixtures/electrical equipment supplier; Commercial Electric, Inc., electrical contractor; and The Trane Co., HVAC supplier.

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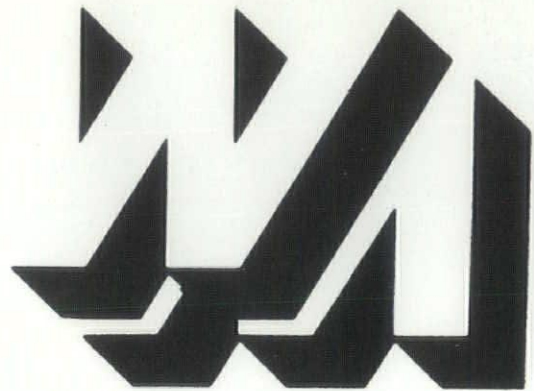
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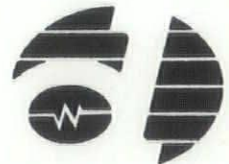
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Arlington Plaza

CHK Architects & Planners — Architects

Owner: Troy Street Associates • Location: Arlington

Landscape Architect, EDAW • Structural Engineer, Smislova, Kehnemui & Associates • Mechanical Engineer, Silver Associates • Civil Engineer, Dewberry & Davis • Soils Consultant, Schnabel Engineering • Builder, The Artery Organization, Inc.

PROGRAM

To design an office building with 190,000 square feet of new office and retail space and a four-level parking garage for 335 cars.

SITE

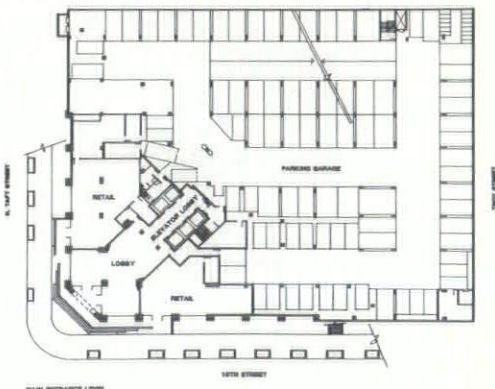
The Arlington Plaza is located between Route 50 and Wilson Boulevard in Arlington. It is a short commute either by car or Metro to Washington, D.C., the Pentagon, National Airport, Crystal City or Tysons Corner and the Courthouse Metro Station is within walking distance.

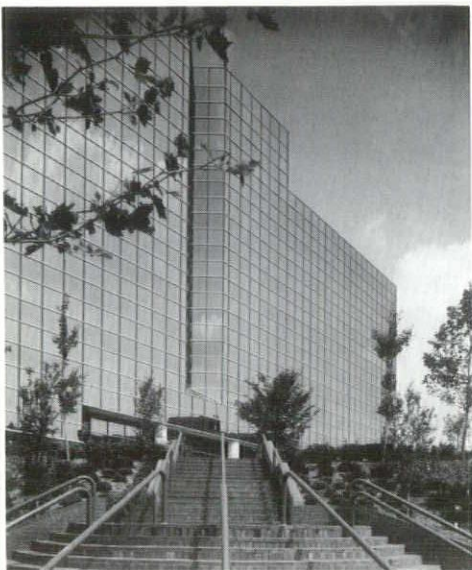
The site area is 50,000 square feet with a 20-foot drop toward the northeast corner.

SOLUTION

It was the developer's intent to build a signature building for the Suburban Arlington market place. The triangular form succeeds in this. It also contributes to a maximum design efficiency of the site and provides more windows per square footage of office space.

The three-story brick base was designed to be a good neighbor to the adjacent brick apartment building. The energy efficient reflective glass





used in the tower reinforces the special character of the building and contributes to energy conservation. The penthouse was incorporated as part of the tower contributing to the drama of its 12-story vertical height.

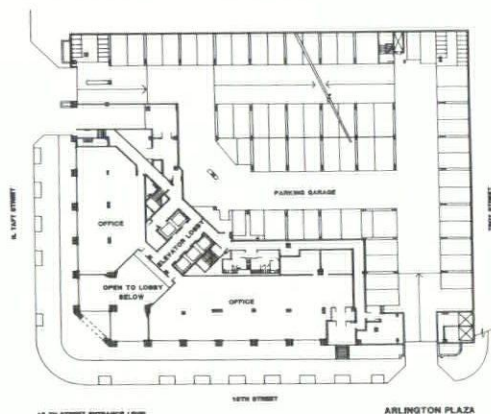
Its special features are the beautifully designed landscaped plaza, giving it a garden look from where you enter the main lobby. Another lobby is provided at the street level.

CHK Architects (architects for this project) opened their Virginia Branch in the Arlington Plaza Office Building in June of 1985.

BUDGET
\$15,000,000

COMPLETION DATE
Spring 1985

CONSTRUCTION CREDITS
Builder for the project was The Artery Organization, Inc. with corporate offices in Chevy Chase, Maryland.



SUBCONTRACTORS & SUPPLIERS
Virginia firms were: Allen Glass Co., Inc., Alexandria, storefront & glass; Caulking Applicators, Inc., Lorton; Dynalectric Co., Vienna; Eagle Concrete Construction, Inc., Woodbridge, curb & gutter; D. H. Kim Enterprises, Burke, painting, wallpaper & carpentry; J. G. Miller, Inc., Chantilly, site utilities; Rosslyn Concrete Construction Co., Arlington; and Union Iron Works Co., Herndon, miscellaneous metal.

Maryland firms were: Boatman & Magnani, Inc., Capitol Heights, interior pavers & bath tile; The CECO Corp., Beaver Heights, doors, frames & hardware; Chapel Valley Landscaping Co., Woodbine; Custom Walls & Windows, Laurel; Design Pavements, Inc., Millersville, outside pavers; John Driggs Co., Inc., Capitol Heights, excavation; The Fireguard Corp., Capitol Heights, sprinkler system; Klon O. Row, Inc., Rockville, toilet partitions & bath accessories; MJC Corporation, Cheverly, waterproofing; and Montgomery Elevator Co., Rockville.

Other Maryland firms were: National Applicators, Inc., Capitol Heights, drywall; Overhead Door Co. of North Washington, Beltsville, loading dock door; Sun Control Systems, Bethesda, Levolor window blinds; Urban Masonry, Silver Spring; and Warner Mechanical Corp., Rockville.

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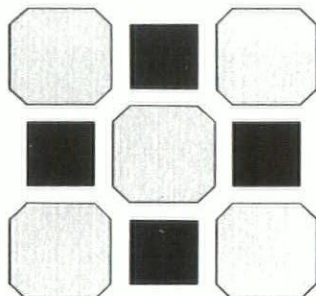
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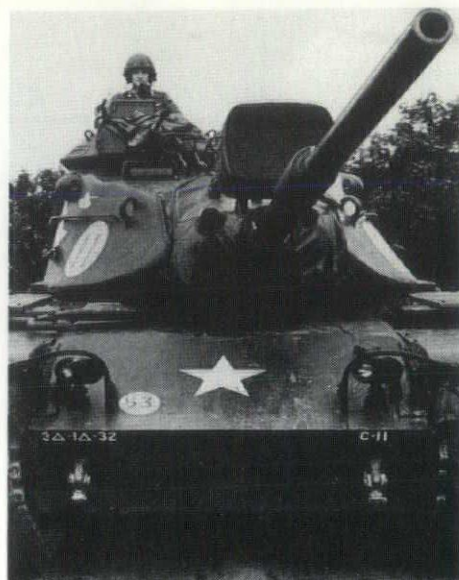
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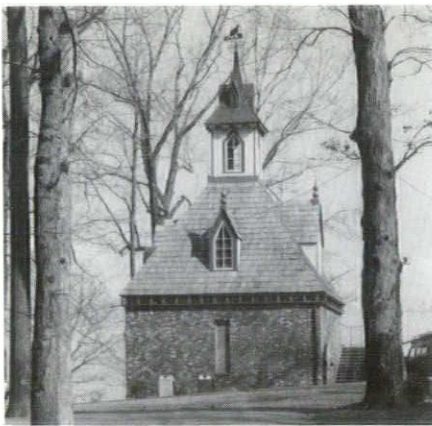
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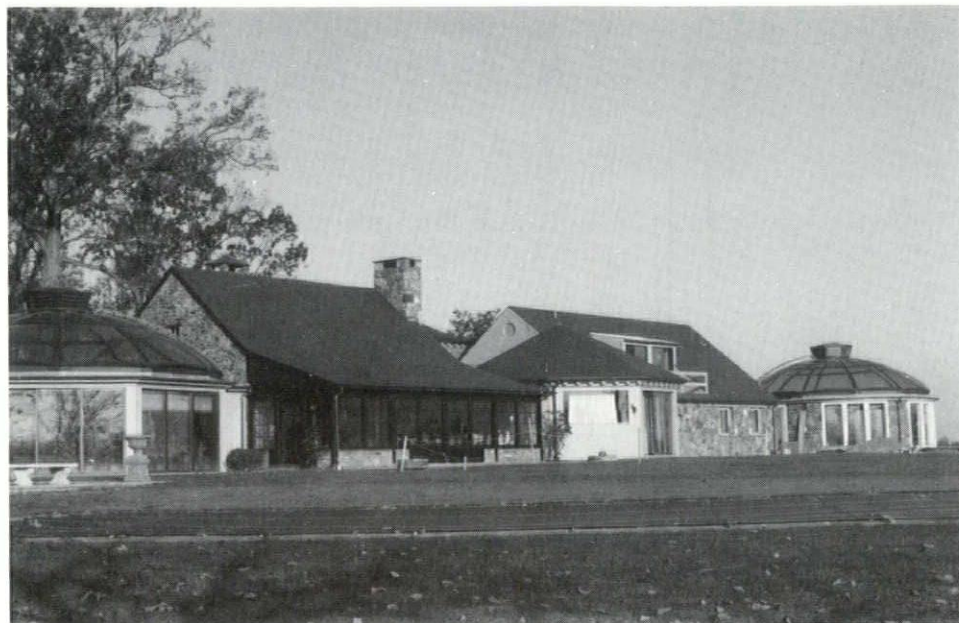




Residence for John D. Archbold, Esq. William B. Dew, Jr., AIA, Architect

Location: Near Upperville

Mechanical Engineer, J. G. McNabb • General Contractor, Hanback Construction, Inc.
• Photography, W. B. Dew, Jr. and Howard Allen.



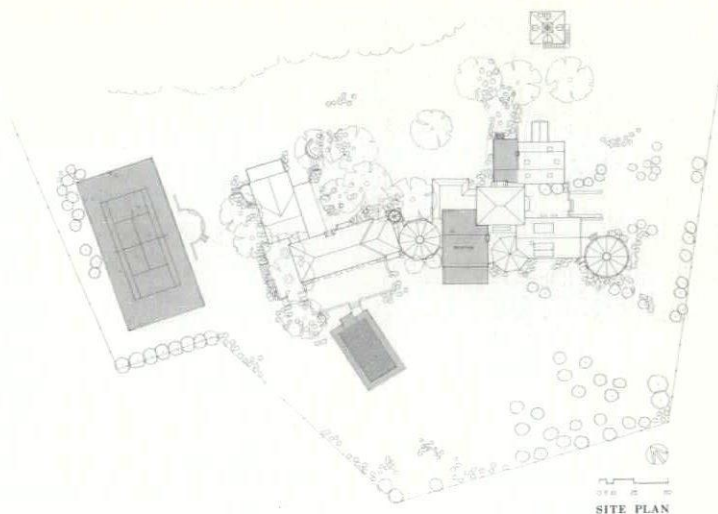
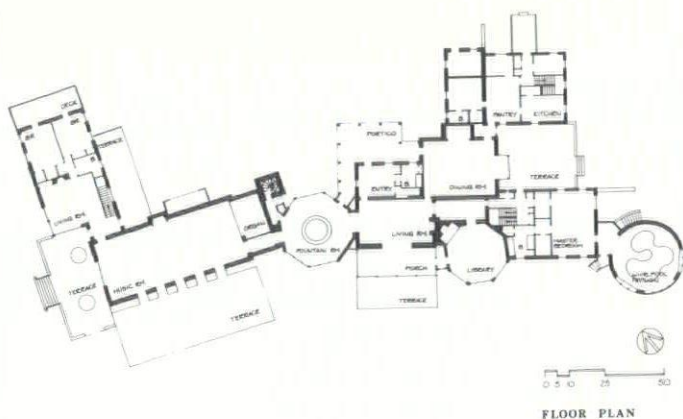
This project started with no clear cut program. The owner had just sold a large, very handsome house in Washington, D.C.; and wished to make changes and major enlargements to an existing small, attractive, although somewhat rustic, home (approx. 2,400 sq. ft.) to continue his style of living and to house many handsome things from the old house. This small house, called "The Hut" had belonged to his mother, and there was sentimental value involved. Exactly what was to be added had to be "played by ear" as the design progressed.

He liked his former music room, and the dining room with its 6½' x 10' fireplace. These were, roughly, Tuscan fifteenth century in style. The music room, without the pipe organ recess, was 26'-8" x 60' wide by 25' high; and the dining room 23'-6" x 30'-0" x 16½'. The major design problem was how to mix these large Renaissance rooms with the small semi-rustic, contemporary (1950 vintage) house.

"The Hut" was to be substantially preserved, and be fully visible in the end product. The exterior character and scale of the whole therefore had to be compatible. The quattrocento character of the music room and the dining room in the Washington house also was to be reasonably maintained in the interior. How to combine these became the major design problem.

It was decided to separate the Renaissance music room and the 1950 "Hut" by something entirely different from both.

"Something different" consisted of a 30' acrylic dome on an octagonal room, the walls of which were mainly glass; the remainder being natural stone. Inboard of the glass were placed narrow planting beds and a green flagstone floor. In the center was to be a 12' pool, with a 1' planting area around. The owner had a very nice small bronze statue, arranged as a fountain, with a



high Renaissance carved base. This went in the center of the pool. It was hoped that anyone walking from the rustic "Hut's" living room (which furthermore included African primitive murals) to the lunette vaulted Renaissance music room would be sufficiently distracted before arriving not to feel a certain clash.

In the opposite wing, in the dining room, there is a Tuscan kitchen, which is actually a fireplace with opening 6½' high x 10' wide. It has a platform, raised about 1', in the center. On this a fire is built and dinner can be cooked. In theory, that is. An adjacent, modern kitchen seems more popular.

The first plans provided a direct winding stair to the basement. The owner, after construction started, thought of a minstrel's gallery overlooking the music room, and another small exterior balcony. An interior stair to them was impossible. Provision for continuing the basement stair to the second floor formed a less than attractive wart on the end of the building—that is, until a cupola on top turned it into a small tower, which pleased the owner. The owner further requested that the tower be heightened considerably, for viewing all the countryside around, which is beautiful. (The tower was *not* intended to create romantic or picturesque architecture.)

Before completion, three gargoyles were added to the tower by a local sculptor, one representing the owner, one the architect, and one the contractor's superintendent.

The owner wished a winter-time exercise pool, so this was provided adjacent to his bedroom, with separate access to dressing rooms for others downstairs. Another 30' acrylic dome was placed on a circular stone wall, insulated internally, and arranged to provide mainly glass toward the south. There is a free-form exercise pool, with very strong current at one end, and beside it, a small whirlpool bath. The tiles lining



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the room and pools came from various old world countries, and were installed by a well known English firm (Fine Surfaces Ltd.).

Hanback Construction, Inc. of Warrenton was general contractor for the project, and handled excavating, reinforcing, steel erection, steel joists, roof/wall/foundation insulation, carpentry, paneling, cabinets, and waterproofing.

SUBCONTRACTORS & SUPPLIERS

Bill Costello Landscaping & Tree Care, Aldie, landscaping materials & landscaping contractor; Loudoun Masonry, Inc., Leesburg, foundations; Bernard Langhorne, Gainesville, concrete contractor; Crider & Shockey, Inc., Winchester, concrete supplier; Virginia Supreme, Winchester, masonry manufacturer/supplier; Riverton Corp., Riverton, mortar; C.M.H. Stone Co., Sterling, T. F. Chamblin Stone Masonry, Inc., Hillsboro, Walton & Schaeffer, Inc., Casanova & B. Smallwood, stonework contractors; Foxlease Farm, Upperville, stonework supplier; and Arlington Iron Works, Inc., Manassas, steel supplier, steel grating, miscellaneous metal & handrails.

Also, R. O. Hogan, Inc., Warrenton, built-up roof, other roofing, sheet metal & heating/ventilating contractor; Middleburg Millwork, Middleburg, structural wood, millwork, wood doors & special flooring; Clark Paint Co. (Wallace Clark), Boyce, caulking, special wall finish, painting contractor & wallcovering; Hires Turner Glass Co., Alexandria, glass; Warrenton Glass Shop, Warrenton, glazing contractor; Benchmark, metal doors & frames; Sunflake Window Co., Ignacio, CO, windows; Pleasants Hardware, Richmond, hardware supplier; John Robinson, Inc., Winchester, plaster contractor; and J. Randolph Embrey, Marshall, gypsum board contractor.

And, Weller Tile & Mosaics, Inc., Ashburn, terazzo & ceramic tile; The Paint Shop, Warrenton, resilient tile & carpet; Sherwin Williams Co., Winchester, paint supplier/manufacturer; Carrier Corp., Syracuse, NY, heat pumps; Wieland Construction Co., Falls Church, swimming pools; L. J. Foley Plumbing & Heating, Inc., Warrenton, plumbing fixture supplier & plumbing contractor; Carlin Thorpe, Inc., Marshall, lighting fixtures/electrical equipment supplier & electrical contractor; IBG International, Prairie View, IL, domes; Woodbridge Ornamental Iron Co., stairway; American Security Service, security; Koppers, Inc., Pittsburgh, PA, laminated beams; and Malcolm Harlow, Paris, Va., stone carving.

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Jefferson Plaza Office Building — Phase I

Pace Design — Architect, P.C.

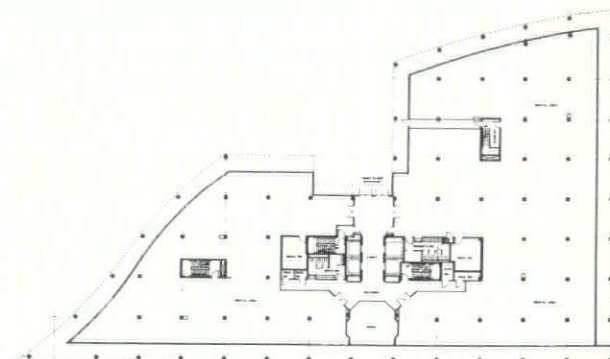
Owner: Baier Properties • Location: Rockville, Maryland

Design Team, Kim Kristoff, AIA; Don H. Dao, AIA • Project Manager, John Shelton • Interior Designer, Patricia Cole • Landscape Architect, Zion and Breen Associates • Lighting Consultant, Light and Space • Mechanical/Electrical/Plumbing Engineer, E. K. Fox & Associates • Structural Engineers, Meyer Associates • Civil Engineers, Hanson and Den Outer, Ltd. • Geotechnical Engineers, ATEC Associates, Inc. • Eagle Sculptor, Jack Putnam • General Contractor, Glen Construction Co. of Virginia, Inc.

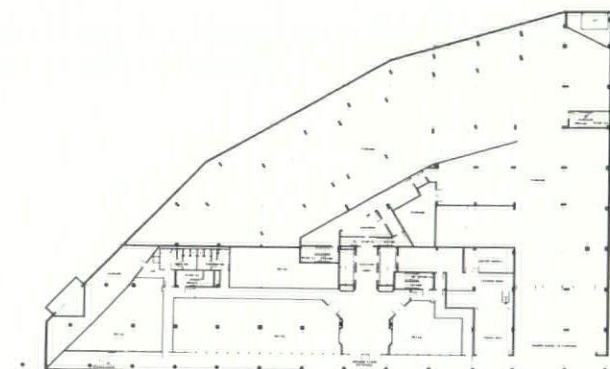
As part of the City of Rockville's town center urban design plan, the Jefferson Plaza Office Building sits prominently on a wedge shaped site at the intersection of the four busiest streets; Rockville Pike, Viers Mill Road, Hungerford Drive, and Jefferson Street. The building is the first phase of a two phase development which literally represents the gateway to Rockville's town center.

The building offers 10,000 square feet of retail space on the ground floor and 125,000 square feet of office space on the four upper floors. The three-and-one-half levels of underground garage can accommodate close to 400 cars.

It is a poured-in-place concrete structure with a silver reflective glass curtain wall system while



First Floor



Ground Floor





the balconies and columns are silver with brushed aluminum panels.

The facility also has a state of the art energy management system that controls HVAC, lighting and security.

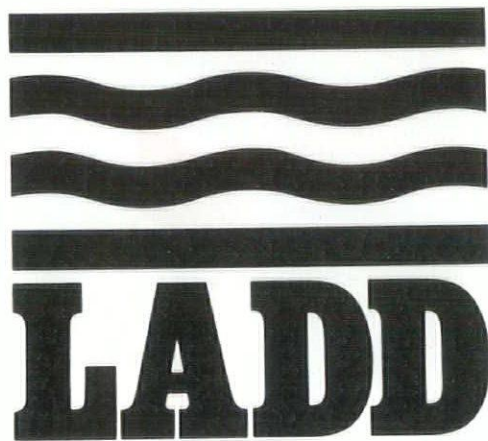
The main lobby is clad with a combination of flamed and polished Italian granite. With the opening of a nearby Metro station, special emphasis is placed on the needs of the pedestrian user. A carefully landscaped plaza finished in matching granite pavers with a specially commissioned stainless steel sculpture of a bald eagle; a tree-lined arcade which follows the sweeping curvilinear facade of the building; and the sheer, wedge-shaped corner offer considerable visual relief to this busy vehicular thoroughfare.

Glen Construction Company of Virginia, Inc., Gaithersburg, Maryland, was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

K & T Enterprises, Inc., Alexandria, landscaping contractor; H.C.C. Concrete, Rockville, MD, concrete contractor; Capital Fireproof Steel, Bowie, MD, reinforcing; Pentek Corp., Beltsville, MD, masonry contractor/supplier; United Concrete Products, Inc., Frederick, MD, mortar; Pagliaro Brothers Stone Contractors, Upper Marlboro, MD, granite contractor; Heraux Company, Lucca, Italy, granite supplier; Hallmark Iron Works, Inc., Newington, miscellaneous metal; Carlisle Syntec Systems, Carlisle, PA, roofing; and Hudson Supply & Equipment Co., Beltsville, MD, wall insulation.

Also, Arlington Woodworking & Lumber Co., Inc., McLean, millwork; Harry S. Peterson Co., Inc., Princeton, NJ, waterproofing; Stromberg Sheet Metal Works, Inc., Washington, DC, sheet metal; Ford Glass, glass; Custom Walls & Windows, Laurel, MD, Alucobond & curtain wall; Swingin' Door, Inc., Rockville, MD, metal doors & frames & wood doors; Kawneer Co., Inc., Harrisonburg, window wall & storefront; Contract Hardware, Rockville, MD, hardware supplier; P & P Contractors, Inc., Rockville, MD, drywall contractor; McClary Tile, Inc., Alexandria, ceramic tile; R. D. Mayhew, Inc., Bristow, painting contractor; Dover Elevator Co., College Park, MD, elevator; Chesapeake Sprinkler Co., Glen Burnie, MD, sprinkler contractor; H. C. Ladd & Son, Inc., Rockville, MD, mechanical & plumbing contractor; Interstate Electric Supply Co., Inc., Fairfax, lighting fixtures supplier; Square "D" Company, Rockville, MD, electrical equipment supplier; Chipman Electric Co., Inc., Brentwood, MD, electrical contractor; Capron Co., Inc., energy management system.



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FOR THE RECORD

Robert E. Kersey is New President of AGC/Va

Robert E. Kersey, President of Commercial Builders, Inc., Norfolk, was elected and installed as President of the Associated General Contractors of Virginia, Inc. during the group's 1986 Annual Convention at The Homestead.

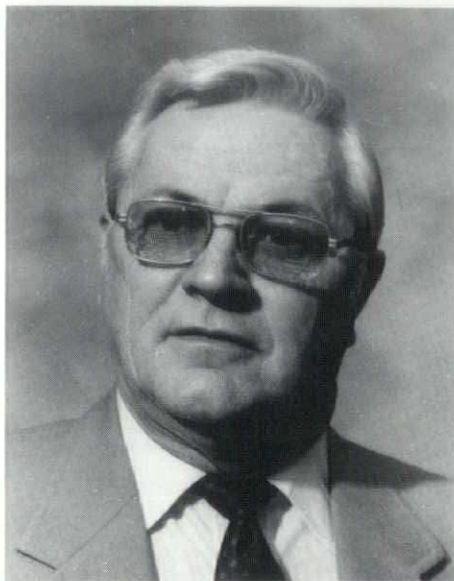
OTHER OFFICERS

Other officers elected were: 1st Vice President—Henry Taylor, Jr., President of Taylor & Parrish, Inc., Richmond; 2nd Vice President—Roy E. Spears, Jr., President, Shirley Construction Corp., Portsmouth; Secretary—Donald E. Sours, Senior Vice President of R. E. Lee & Son, Inc., Charlottesville; and Treasurer—N. David Kjellstrom, President, Kjellstrom & Lee, Inc., Richmond.

DIRECTORS

Elected for a second term on the Board of Directors were: John O. Gregory, President of Gregory Construction Co., Inc., Manassas; Jerry Bassler, Vice President, Howard Shockey & Sons, Inc., Winchester; and Donald E. Sours, Senior Vice President, R. E. Lee & Son, Inc., Charlottesville.

Elected for a first three-year term was: Peter V. Henderson, President, Henderson, Inc., Williamsburg.



*Robert E. Kersey
1986 President, AGC of Virginia*

ASSOCIATE MEMBER DIVISION

Chairman, elected for a second term, was Howard E. Gill, Jr., President of Hampton Roads Insurance, Virginia Beach.

Elected Vice Chairman for the Associate Division was: William C. McAllister, President of Colonial Mechanical Corporation, Richmond. Mr. McAllister was also elected for a second term as an Associate Director.

Also reelected for a second term as an Associate Director was: Thomas N. Manley, Vice President of Bat Masonry Co., Inc., Lynchburg.

Elected for a first term as an Associate Director was: Pablo Cuevas, Secretary/Treasurer of Riddleberger Bros., Inc., Harrisonburg.

The Associated General Contractors of Virginia, Inc., founded in 1924, is a trade association of nearly 200 General Contractor members and approximately 500 Associate Member firms such as subcontractors, law firms, insurance companies, and others which serve the contracting industry. AGC of Virginia is an autonomous branch of the Associated General Contractors of America which is made up of branches in all 50 states and Puerto Rico.

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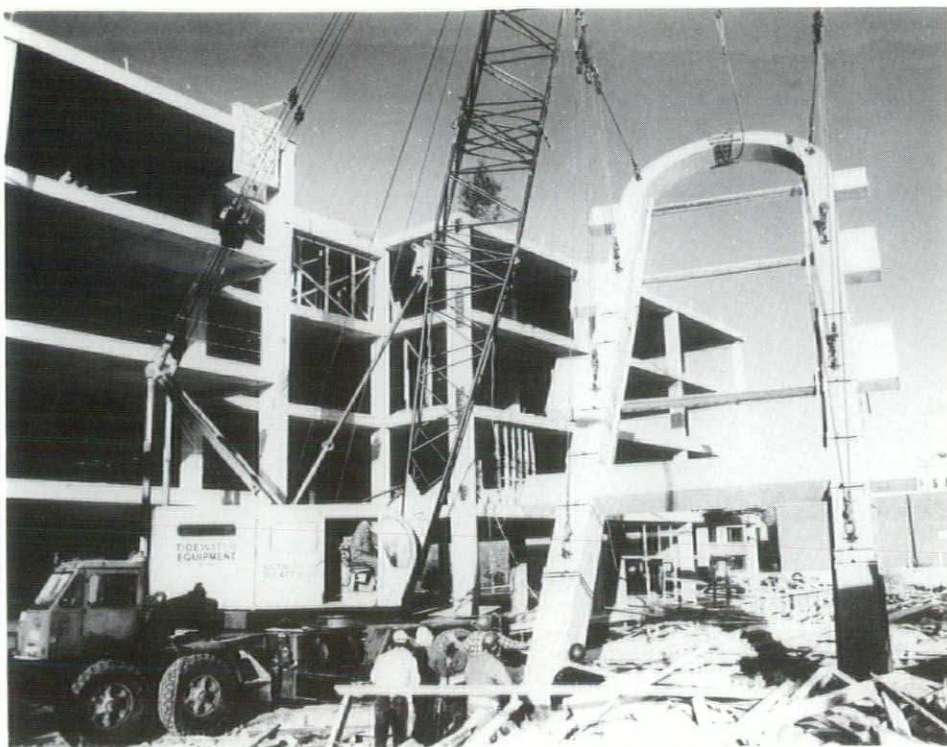
Most local contractors would not consider casting one 58 foot concrete architectural arch on-site themselves. But most local contractors do not have Scott-Long's expertise.

As general contractor for the Madison Building in McLean, Scott-Long Construction is responsible for successfully casting and erecting, not only one, but two dramatic 58 foot arches at both of the building's entrances.

It was Robert Little, Executive Vice President of Scott-Long and a fellow of the American Concrete Institute who first thought of casting in place, in one piece. Original plans had called for a structural concrete or steel frame covered with precast, a plan, cost-wise, that was prohibitive. Little's plan brought the price of the arches down to a manageable one third of the original estimate.

"Most other contractors in this area probably would have used more conventional methods, or dropped the idea completely," said a spokesman for SMC Corporation, the concrete subcontractor. "Scott-Long did their homework, though."

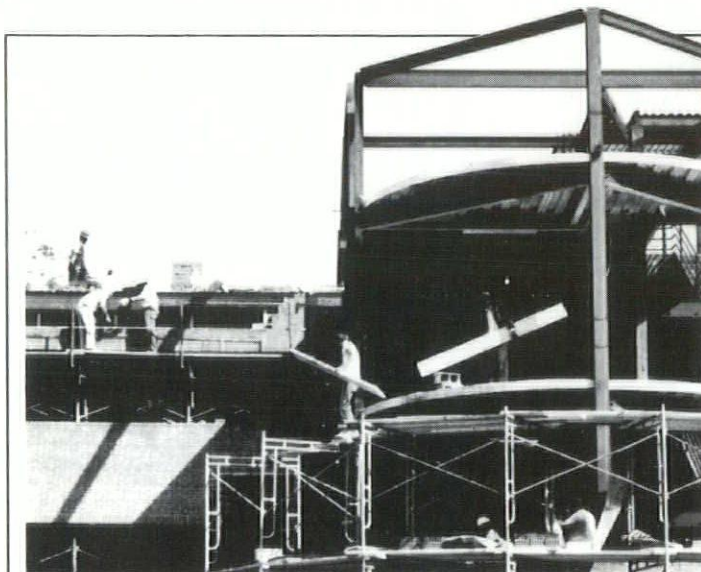
Joe P. Kemp, Project Executive, and Richard M. Dellinger, Project Administrator, coordinated the team effort involving Anand Gogate, SMC Concrete, and Trowbridge Steel to implement a cost effective method of constructing the two entrance arches designed by Dewberry & Davis. Steve Doyle, Project Superintendent, coordinated on-site, day-to-day activities.



The arches posed a complex problem. Each was to be 58 feet tall and as many tons, and needed to match the precast's color and texture. Because of their size and weight it was necessary to cast them on-site. They had to be cast flat to insure that the aggregate mixture that would

give them their characteristic color and texture would be evenly dispersed.

Anand B. Gogate, Ph.D., P.E., from Ohio State University, was called in as Design Engineer for the arches. Dr. Gogate is a leading authority in



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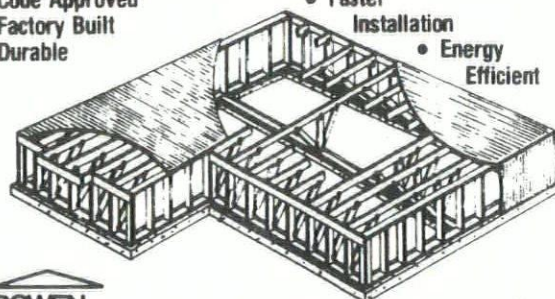
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concrete design. His plan called for reinforcing steel throughout the arches. He specified concrete strength and the method and details of securing tilt-up.

Casting on-site meant duplicating, in the field, conditions that produced the factory precast. Locally, Scott-Long and Virginia Concrete worked with the precast supplier in Canada, Beer Precast Concrete Limited, to come up with a concrete mixture that would work. Temporary shelters were built around the arches and heated inside to properly cure the concrete.

"The precast people said it would take them three weeks just to prepare the forms," said Kemp. "Our people did it in three days."

Casting flat meant tilting the cured arches up into a vertical position in front of the building. Their sheer size and weight were enough to demand special precautions against twisting and cracking during lifting. But to complicate the matter, the arches were designed with concrete "ears" jutting out of each side to meet the building at each of the top three stories. These ears could contribute to a twisting motion when the arches were lifted.

Before lifting, four anchors were to be attached to each side of the arches, and cables hooked to these. A crane would then lift the arches up and around. Strategic placement of the anchors above the arches' center of gravity allowed them to tilt into a vertical position by themselves.

On-site on the day of tilt-up, all eyes were turned toward the arches. The delicacy of the erection process entailed minute by minute communications between the crane operation, the ground crew and building supervisors directing the lift. Should the crane slant too far the legs of the arch might break off; if the crane moved too fast, the momentum would cause the arch to swing into the building.

The lift began with the arch lying flat on the ground, then was raised from the top, adjusting the pulleys to a half standing position and then lifted off the ground in a standing position and gently maneuvered into place where it was then anchored. At every motion of the crane and arch, watching workers held their breath. But it all went off without a hitch.

"Outstanding," said Kemp. "It was the most interesting job in the 28 years I have been in the business."

Mrs. Griswold Named By Home Builders

Ms. Judy Griswold has joined the Home Builders Association of Virginia as Director of Governmental Affairs. Griswold, formerly legislative assistant to Delegate Alan Diamonstein, has been involved in the state legislature for over 12 years. Her most recent position was in Governor Robb's office as special assistant to David McCloud, Chief of Staff and Secretary of Administration. Service in the Legislative Bill Room, Division of Legislative Services, as a Legislative Aide and in numerous political campaigns has contributed to Griswold's expertise in the housing industry.



Sarah Webster-Eastman

Designer Joins Virginia Beach Firm

Sarah Webster-Eastman has joined Interior Design Group, a Virginia Beach design firm, as Project Manager and Graphics Coordinator. Previously head of her own firm, Studio E Designs in Norfolk, Sarah's association with Interior Design Group allows the firm to offer expanded graphics and display services, including signage packages, stationery and logo design, as well as specialty designs for memos, brochures, or display.

PHR&A Selected by State Highway Unit

Patton, Harris, Rust and Associates, P.C. has been selected to perform construction inspection services for the Virginia Department of Highways and Transportation in the Northern Virginia and Culpeper Regions. The announcement was made by Claude D. Garver, Jr., Construction Engineer of VDH&T on Thursday, January 21, 1986.

The project will entail complete resident inspection services for maintenance and new construction projects throughout the areas.

The project will begin in March 1986 and is expected to last through March 1987.

PHR&A is a full service civil engineering firm. Established in 1951, the firm employs 140 persons.

LEESBURG OFFICE RELOCATION

PHR&A has also announced the relocation and expansion of its Leesburg office. The new office will be located at 201 Loudoun Street SW in Leesburg, Virginia.

The office will provide civil engineering, transportation engineering, environmental engineering, land planning, and landscape architecture services for the region. John M. Harris will serve as branch manager; he has been with PHR&A for nine years since his graduation from Virginia Tech in 1975.

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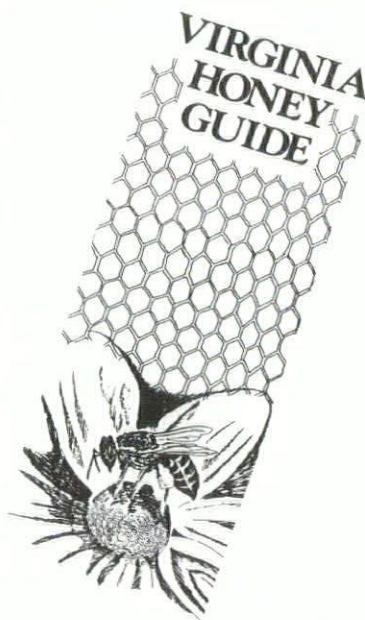
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Personnel Actions Langley and McDonald

The American Society of Landscape Architects has installed two Langley and McDonald landscape architects as officers in the state and local organization.

Elaine D. Zieders, C.L.A. has assumed the duties of Treasurer of the Virginia Chapter while John P. Ryder, C.L.A. has been elected Chairperson for the Tidewater Chapter. Ms. Zieders is a landscape architect in the Williamsburg Office specializing in recreational facilities and site plans. Mr. Ryder develops commercial and institutional landscape plans as well as streetscaping designs.



First Virginia Honey Guide Available From VDACS

Virginia's first honey guide has recently been published by the Virginia Department of Agriculture and Consumer Services, in cooperation with Virginia honey producers and beekeepers. The guide lists 22 producers across the state who offer honey and/or beekeeping supplies. It also contains information on types and flavors of Virginia honey, as well as how to store and use honey.

The guide is available by sending a self-addressed, stamped, business-size envelope to: Honey, VDACS, Room 801, P.O. Box 1163, Richmond, VA 23209.



Sally Hill Cooper

VDHT's Sally Cooper Honored by WTS

Sally Cooper, Director of Rail and Public Transportation for the Virginia Department of Highways and Transportation, has been named the 1985 Woman of the Year by the Women's Transportation Seminar (WTS).

The award was presented to Cooper on September 19 at the organization's annual conference in Boston, Massachusetts.

Cooper was nominated for the honor by the Philadelphia WTS chapter, where she was a charter member. In Philadelphia, she worked for the Southeastern Pennsylvania Transportation Authority, the United States Department of Transportation regional office and in transportation consulting.

She came to Virginia in October 1982 in her current position. She is a member of the Washington, D.C., chapter of WTS and is helping establish a Richmond chapter.

In winning the award, Cooper succeeds Elizabeth Dole, Secretary of Transportation. Five others were nominated for the 1985 honor, including Carmen Turner, General Manager of the Washington Metropolitan Area Transit Authority, and Joan Claybrook, President of Public Citizens, Inc. and former National Highway Traffic Safety administrator.

WTS is a national organization that stresses the professional development of its members, both male and female. It offers a strong program in career development with a national job bank and opportunities for networking. Members come from both private and public industry. Currently, there are 18 chapters and five developing chapters, which represent all parts of the country.

Historic Lock Gates Discovered in Alexandria

In the course of the excavation of the tide lock of the Alexandria Canal, an extraordinary discovery has been made. Three 100-year-old timber lock gates were uncovered in place.

They have been donated to the City of Alexandria by the site developers, Savage/Fogarty Companies, Inc., and will be removed from the lock for conservation treatment. These gates, weighing two tons each, will be crated and hoisted by a crane onto a truck. They will be delivered to a warehouse owned by Interarms, North American Group, where they will be conserved under the supervision of Alexandria Archaeology staff.

Interarms has donated this warehouse space for a term of one year. The gates will be placed in a humidity- and temperature-controlled room where they will be sprayed with polyethylene glycol, a preservative, on a daily basis.

Consultants Dr. Thomas Hahn and Dr. Emory Kemp are directing the tide lock excavation and restoration.

This unexpected "discovery" of lock gates and associated iron fittings is a significant archaeological find. Although the top one-third of the gates are missing, the remaining portion of the gates are intact, including the iron fittings for the wicket gates. In addition, the gudgeon bearing plate and the lock gate wrought iron straps used to permit the opening of the gate have also been recovered.

From an engineering point of view, the lock gates represent the essence of a canal. Much can be learned from a detailed examination of historic lock gates in terms of the history of canal technology. It is a case of the artifact being of primary significance rather than the written word.

Timber lock gates employed in a wet environment had an average service life of 12-15 years. Even though there are many surviving lock gates on American canals, almost all date from the early twentieth-century, because most canals continued operation in to this century. A very rare pair of gates have been recovered from the Potomac Canal. Only the lower one-third of these gates survive, but they represent a unique artifact of late eighteenth- and early nineteenth-century technology. These gates are on display at Great Falls Park.

The canal age flourished between the completion of the Erie Canal in 1826 and the Civil War. There were no known complete lock gates which survive from this period until the Alexandria discovery. The gates recovered from the Alexandria Canal are of national historical significance because they represent a rare set of artifacts of the flourishing period of the canal age, part of the internal improvement movement in America.

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