

VIRGINIA RECORD

JOURNAL OF THE VIRGINIA SOCIETY OF THE AMERICAN INSTITUTE OF ARCHITECTS

MAR./APR. 1987



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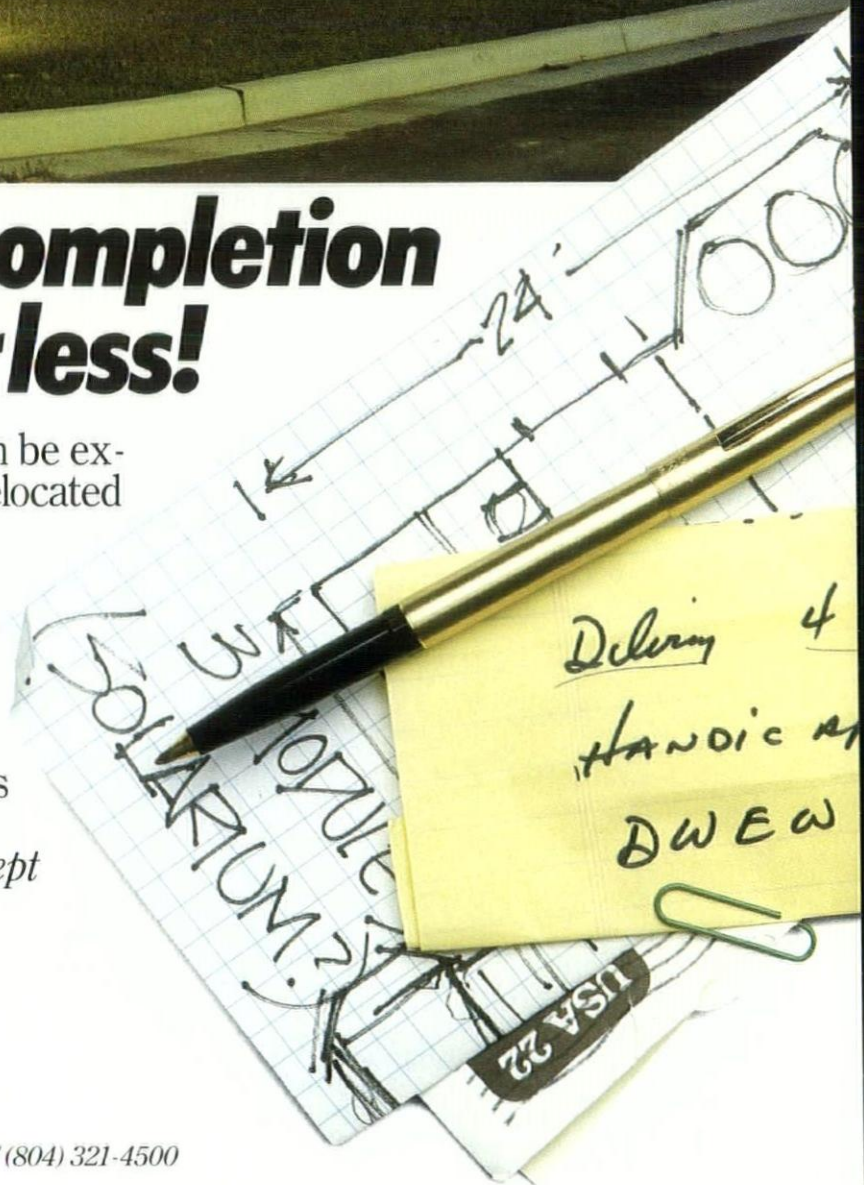
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VIRGINIA RECORD

JOURNAL OF THE VIRGINIA SOCIETY OF THE AMERICAN INSTITUTE OF ARCHITECTS

MAR./APR. 1987

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TO TELL THE VIRGINIA STORY

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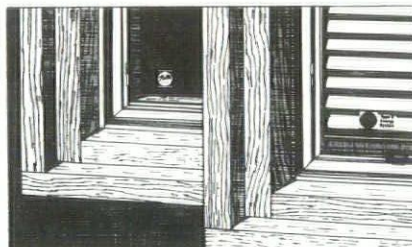
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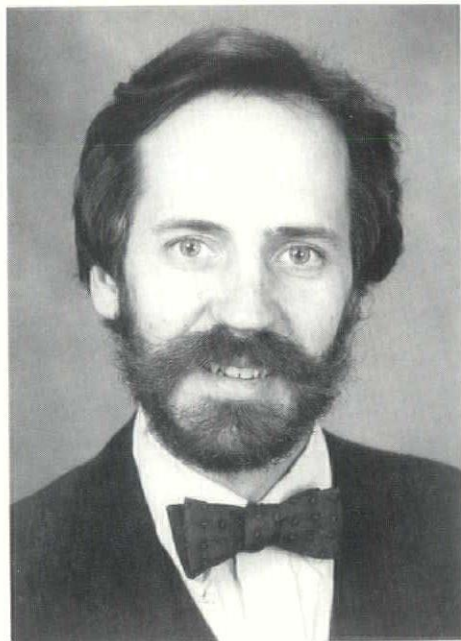


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PRESIDENT'S MESSAGE



Robert A. Boynton, AIA
(Heather Studios)

The theme for this issue of *VIRGINIA RECORD* is Civic and Cultural Facilities. These two areas have traditionally been architects' potential for providing design statements which have public impact not only through the built environment but through politics of our Commonwealth.

Our communities — state, cities and counties — are struggling with budget reductions, governmental confusion with regard to territoriality, procurement restraints, the lack of understanding of the "value" of design, and general distrust of governmental consultants' true understanding and dedication to the public client. We could find ourselves allowing the above complexities to restrain our opportunities to create good public design for the Commonwealth in the "Virginia" tradition.

The Virginia Society AIA is working through many avenues in behalf of its members to educate our public clients. We continue to lobby the General Assembly to stop the growth of governmental use of design-build as a solution for projects with lengthy time frames and high budgets — design-build does not impact either without relief of the usual bureaucratic red tape. We have distributed graphic information to building inspection offices to help them to understand the licensing law and prevent the potential for untrained individuals to design. The Virginia Society is involved through member appointments to key state positions to help guide art and architecture related issues in state buildings. And possibly our most important function related to design of public buildings, or any building for that matter, is the fraternity of our members through design symposiums, design committees and our annual meetings where frank conversation can bring to focus issues important to us all.

The Virginia Society encourages participation in community affairs and in your Society. With your support and active involvement in architecture through your membership in the AIA we can continue the "Virginia" tradition of good design. Please consider 1987 the year to show your full support to AIA.

A handwritten signature of Robert A. Boynton in dark ink, written in a cursive style.

Robert A. Boynton, AIA
President
Virginia Society
American Institute of Architects
1987

**Compliments
of a
Friend
Charlottesville, Virginia**

architectonica

*'Some like it cold . . . Some like it hot.
And Someone's always doin' – The Two-Toned Trot.*

Do you remember the '56 Chevy? The one with the chrome-edged tear-drop color panel on the rear fender?

Do you remember those heavy Detroit sedans with the leather-textured vinyl glued to the turret? The ones that always peeled and flaked?

Maybe you went into a cut-rate clothing store looking for a simple inexpensive dress, only to find flounces and peplums, imitation alligator-on-polyester tweed, or red velvet gores in the dungarees?

Have you ever gone looking for furniture off the shelf, only to have a salesman try to sell you a "blond"-and-walnut veneer combo dresser?

Did you notice that builder house you drove by today, the one with two contrasting sidings on top of a brick wainscot?

What all these dogs represent is "Two-Toning." It's the last resort of a tired designer trying for something different and in fashion.

The tyranny of fashion works over the world of womens' clothing. It clobbers the car business. It nibbles away at the home furnishings industry. It nicks the home builders. The shorter the expected life span of the product, the more apt it is to be subject to the whim of fashion.

One can chuck the passe dress; the car gets traded in and forgotten; the dresser is handed down and painted white; the tri-color house gets new enameled aluminum insulated siding.

But what do you do with a 75,000 square foot office building ... too big to cover with ivy?

I see cropping up here and there, particularly on the Dulles Access Road Corridor, several new buildings which are dancin' the "Two-Toned Trot." The developers of these costumed blocks must have said to the architect, "Hey! We gotta jazz this baby up to get tenants in this competitive market. Give me something different. But cheap, you know?"

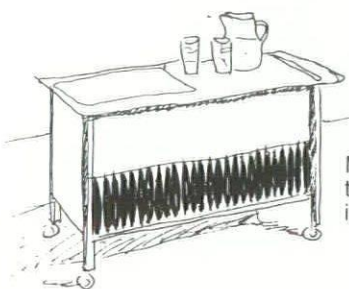
So, the architect scratches his head and anything else that itches. There's just so much sculptural modeling one can do to a spec office building — one can snip out or off the corners, carve out a two-story niche at the entrance, glue a big French curve on the main facade or applique a king-sized Life-Saver, etc. Reflective glass all by itself won't grab attention anymore. Northern Virginia is awash with every kind of variation of shape subservient to Floor Area Ratio. What's a poor architect to do to be different? Two-Tone!

Whoa, there, Dobbin!

What are architects really doing when they put costumes on buildings? Multi-story commercial buildings have a minimum life expectancy of 30 years. Short-term fashionableness pales in less than five years. That leaves a 25-year residue of stale out-of-date monsters. They are prey to tenant turnover and dropping rent scales. It's an economic error to try to be fashionable, particularly under the new tax laws. It is smarter to sell quality than gimmicks.

I'm reminded of the '50s office building across the street from us, the edifice known as the "Blue Goose." It was an aluminum curtain wall job with two-toned livid-vivid blue panels, and it was the latest thing when it was built. However, it has been an aesthetic embarrassment for 20 years now, relegated to GSA rentals and slipping maintenance.

Recently transferred to a new owner who wants to enlarge it, the building was subject to scrutiny and comment by the Arlington Board of Supervisors in a Zoning hearing. The board said, in essence, "You can add on only if you wrap that old building in a new envelope."



Metal legs and the gnomonic projection jigsaw panel screw up a good idea.



You KNOW those smiles are the "cheeze" smiles of professional models decked out in the absolute wurst.



Remember *this* two-toned imitation walnut side panel Vista-vision chrome plated zinger?

Would *you* want to be the architect-of-record of a building which becomes so unattractive as to call forth an Official Bag-Over-The-Head?

Stop dancin' the "Two-Toned Trot!"

Eason Cross, Jr., FAIA

by Marvin J. Cantor, AIA

Is This Project Really That Good

Awarding citations for architectural merit can sometimes be dangerous to the "awarder's health," as was recently illustrated in the Chicago area.

The Chicago Chapter of the AIA during a recent Design Awards session gave one of its prestigious awards to the new State of Illinois Center building by Helmut Jahn, AIA. The ink was hardly dry on the citation before a barrage of criticism was levelled at the Chicago AIA for this award, summarized in one of the most blistering attacks on an architectural group ever made by an architect oriented magazine. "Building Design," a magazine distributed free to architects and others in the building industry, in its December 1986 issue, blasted the Chapter for its insensitivity to the building's users, its interior mechanical systems' alleged failures, etc., by making its award. The magazine noted

that the building's mechanical systems had failed miserably — that the building occupants were subjected to all types of problems ranging from inadequate comfort levels to peculiar circulation patterns — and in spite of all this — the AIA Chapter could still see fit to make a prestigious award to its designers? Outrageous!

Well, after wading through the rhetoric, and knowing full well that there must be two sides to the story, and we've only heard one, there is still an important lesson to be learned.

The AIA Chapter cannot exist, make awards or pronouncements in complete isolation of actual existing conditions. When the AIA makes an award, it is in effect, giving its imprimatur to the building, regardless of how many disclaimers it issues beforehand and afterward. The award is saying to the public — we think this is an

exceptionally well designed building, whether or not it leaks, the air conditioning doesn't work, the plaster walls are cracking, the owner is suing the architect and vice-versa, the building is settling unevenly, the electrical circuits are inadequate and blowing fuses all the time, the windows are cracking, the paint is peeling, etc., etc.

It behooves the entity making an award, to familiarize itself with *all* the facets of a building — not just its aesthetic massing and appearance — because after all, the public's perception is of an *entire* structure and *all* its parts, not just a selective side. The AIA should not give its imprimatur to a building that is not working well, regardless of how innovative or handsome it may be — otherwise we promote the misconception of AIA as an elitist public-bet damned group ... and we don't want to do that, do we?



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AIA Region of the Virginias is Official!

Ruminations of a New AIA Director

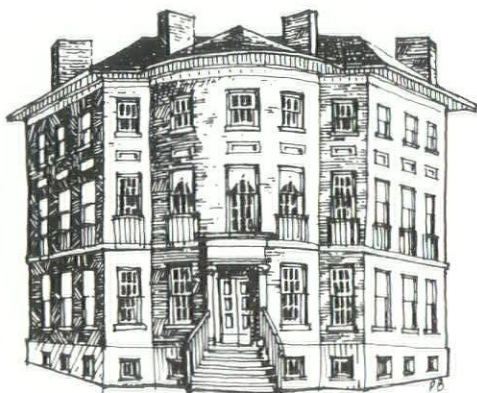
By Paul H. Barkley, AIA, Director
AIA Region of the Virginias

The first thought that comes to the mind of a newly elected AIA director is the special honor and privilege that has been bestowed upon him by his professional colleagues through their urging and support of his candidacy. It is estimated that a director will contribute between one quarter and a third of his office and personal time to the AIA. As a result, the backing of a director's family, office and clients is as vital as that of his constituents in the region. This director is most cognizant of this fact and will do his best to fulfill the trust given by all supporters.

NEW BOARD ORIENTATION

Shortly after his election last October, this director participated with nine other new regional directors (about one third of the total directors), a Council of Architectural Component Executives representative, and an AIA Associate member in a new board orientation program led by the AIA's 1987 president, Don Hackl. Senior staff officers and members of the executive committee also participated in the training session.

We came together for a reception and candle-light dinner at The Octagon House in Washington, D.C.. Jim Cramer, senior vice president of the Institute and president of the AIA Foundation, briefed us on the history of The Octagon, A National Historic Landmark and an accredited museum. The AIA was a tenant in this Federal style residence after their move from New York City in 1898. The AIA purchased the property in 1902 after a vote by the membership at that year's annual convention.



THE OCTAGON

Acquisition of The Octagon carried with it an obligation to make extensive renovations to the building. Thus, the AIA became the first major organization to undertake an historic preservation project in the capital city and perhaps in the nation. The commitment to preserving our architectural heritage as well as to maintaining the high standards of our profession became the duty of each new board member that night.

On the following two days, we were led through an extensive and sometimes exhausting series of programs reviewing the organizational structure of the institute, issues facing the board in the coming year and our numerous responsibilities as a national AIA board member. We toured the institute headquarters and met with many of the AIA staff (there are nearly 220 employees).

We knew the Institute was in good hands when Lou Marines, the AIA's executive vice president, listed his four major goals: 1. Make the AIA a financially stable organization through maximizing non-dues revenues and by seeking growth opportunities; 2. Accomplish the program established by the board with special emphasis on the architectural education initiative, Intern Development Program and continuing education for members; 3. Strengthen the AIA's leadership within the construction industry and among the allied design professions; and 4. Utilize the AIA as a force for social change based upon the profession's unique opportunity and responsibility to influence issues related to the homeless, the aged, etc.

FIRST BOARD MEETING

We new directors attended our first board meeting one month later — at the annual meeting of the board held each December in Washington, D.C. We attended as guests in order to observe our "elders" and to observe how the business of the AIA was conducted. Relegated to temporary seats in the rear of the room, our thoughts sometimes wandered during the three day session. This director was particularly taken by the innovative use of display board mounting brackets as coat hooks.

The board agenda was so filled with important topics, that looking back, it is difficult to imagine how everything was accomplished in three days. Foremost among actions taken were the streamlining of the AIA corporate structure, reorganization of the AIA Foundation, establishment of the National Judicial Council (on which Virginia's Pete Anderson will serve), selection of AIA award recipients for 1987, initial approval of an entire new family of AIA documents and creation of a program to advance excellence in architectural education.



PB.

"BOARD MEMBER COAT RACK"

In addition, the board received annual reports from Commissions and Committees, Regional Directors, allied associations and the publisher of "ARCHITECTURE" magazine. A number of board members announced their intention to seek national office in 1987.

Two items on the agenda were of special interest to this director. First, was the presentation by AIA President John Busby of the Charter of the new AIA Region of the Virginias. In attendance was a large delegation of regional representatives to help share in the ceremonies that culminated nearly three years of effort by Virginia and West Virginia AIA components and their members.

Secondly, this director-to-be was honored to receive on behalf of the West Virginia Society of Architects, an AIA Presidential Citation for exemplary volunteer service rendered to the citizens of seven West Virginia towns devastated by the floods of 1985. It was a privilege to personally deliver the citation at the WVSA Annual Meeting in Charleston the following night.

An interesting feature at the meeting was the use of an "expectations" board. Board members were asked at a pre-board meeting to list what they expected to gain from the upcoming session. Comments ranged from specifics such as "understand institute finances" to the abstract, "fix the world." At the conclusion of the meeting, the board examined how well they had done at satisfying member expectations. In general, they fared pretty well.



FIRST OFFICIAL BOARD MEETING

New board members made their first official "appearance" at an organizational board meeting held on Saturday morning immediately following the annual meeting. Here, 1987 President Don Hackl enumerated his goals for the coming year and directors were assigned to various commissions and as liaisons to numerous AIA committees.

It was reiterated that one of the most important roles of a director is to act as a communicator between the AIA Board and his or her region, commission and committees. It is in this spirit that this director has penciled these ruminations. Communications is a two-way street, however. So to keep the information flowing, kindly keep your AIA Board representative apprised of your concerns, suggestions and desires.

ABOUT THE AUTHOR: Paul H. Barkley is the first director of the recently formed AIA Region of the Virginias. He will serve a three year term on the national Board of Directors of the American Institute of Architects. As president of the Virginia Society AIA in 1984, Barkley was one of the principal advocates for creation of the new regional body. He is president of Barkley Pierce Associates, a Falls Church, Virginia, architecture and planning firm he established with University of Virginia classmate, Harold L. Pierce, in 1965. Barkley is also a director of the Virginia Foundation for Architectural Education, Inc., and a member of the Falls Church Business Development Commission.



CHARTER PRESENTATION—DECEMBER 6, 1986. John A. Busby, Jr., FAIA, 1986 President (center) presents the Charter for the new Region of the Virginias to his VSAIA counterpart, William C. Monroe, AIA. At left is the new Region's first director, VSAIA's Paul H. Barkley, AIA.



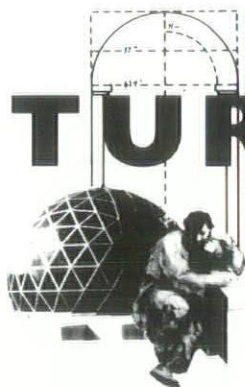
VSAIA Board Members were on hand for the presentation. Pictured from left to right: (rear) Samuel A. "Pete" Anderson, FAIA; Robert A. Boynton, AIA; James E. Gehman, AIA; and Richard L. Ford, Jr., AIA; (foreground) Marvin J. Cantor, AIA; Curtis R. Jennings, Jr., AIA; John A. Busby, Jr., FAIA, 1986 AIA president; William C. Monroe, AIA, 1986 VSAIA president; and Paul H. Barkley, AIA, Regional Director.



The Virginia Society AIA delegation shared in the ceremonies.

ARCHITECTURE 87

FACT FUTURE + FANTASY



Orlando Hosts 1987 AIA Convention

Fact, Future and Fantasy to be Explored

What are the facts of business life for architects today? How can architects adjust to and thrive in the present economic climate? These basic questions and issues in architectural design will be explored amidst the creative energy, fantasy and futuristic settings of Disney World and EPCOT in Orlando, where The American Institute of Architects will hold its first weekend national convention.

Virginia Society AIA President, Robert A. Boynton, will head the State Delegation to the convention scheduled for Friday, June 19, through Monday, June 22. Conventioneers will be able to

take full advantage of special programs and events, including business and professional learning sessions while spending less time away from their offices.

A new approach to professional development will be featured in learning "tracks" geared to the specific roles architects play as designers, managing partners, marketers and production/technical systems specialists. A special track will address the multiple roles of architects in small firms.

The 1987 AIA exhibit of new products and technology — the year's biggest and best show of the full range of products, services systems and technologies specified and used by America's architects — will be a major feature of the convention.

AIA open committees will share their expertise in many areas including practice management and design in educational facilities. Special breakfasts on management and historic preservation will round out the unique learning opportunities that the 1987 convention will afford architects.

Noted economist, educator, and adviser to Fortune 500 corporations, Walter W. Heller, will address the convention on tax reform, the construction market, and other critical issues affecting architectural practice.

Heller will speak as one of four "focalpoint," or theme, presenters. Following his speech, Heller will join other special guests for the Construction Market Forum, a detailed discussion of specific construction markets and client needs and interests stemming from economic and tax realities.

AWARDS & RECOGNITION



Award Presentation

Frances and Sidney Lewis, founders of Best Products Company, were recipients of VSAIA's 1986 Architectural Medal for Virginia Service — top award given for a non-architect. The

Lewises were honored for their continuing support of and interest in the arts, including architecture.

Since the Lewises were unable to attend the VSAIA Annual Convention to receive their

award, the actual presentation was made at their home.

Pictured at the presentation, are: (l-r) Marcellus Wright, Jr., FAIA, Frances and Sidney Lewis (holding certificate), Richard L. Ford, Jr., AIA, and Charles E. Wilkerson, FAIA.

Commercial Builders Council Cornerstone Award

Joseph T. Ballerini, president of Smith + Schurman Maryland, P.A., an architectural firm located in Kensington, Maryland, received the 1986 Commercial Builders Council Cornerstone Award for Best Office Project Up to Four Floors. The project, Executive Park in Laurel, Maryland, consists of five lake front buildings at Laurel Lakes. The office condominiums feature lofts, private entrances, outdoor patios, brick exteriors and cedar shake roofs.

Michael T. Rose Associates, Inc., developers of Laurel Lakes, are among those headquartered in the Executive Park complex.

Mr. Ballerini is a member of the Northern Virginia Chapter of the AIA.

LETTERS

Editor

Virginia Record

Have you ever tried to open a door with wool gloves on your hands? It just doesn't work. The gloves slide on the knob and there you stand until you take off the glove.

Unfortunately, there are millions of we "older, older generation" persons who can not take off our gloves because our trouble is arthritis. Our hands just will not grasp the slick knobs now in vogue by architects throughout the country. I sincerely wish they would change from the satin finish and at least have a partial knurled area which would permit those of us with hand problems to open the door.

I have stood in front of my Doctor's office and waited until someone came along and opened it for me. That is a sad situation. Won't you mention this to our architect friends and see if they can at least give this some thought for doctor's offices and medical buildings where there will be the greatest concentration of people needing this help?

Sincerely,

R. C. Siegfried

P.S. I have often thought what would happen to someone caught in a fire such as occurred in PR recently. Can you imagine standing before a door to freedom and not being able to open it because it "looks nice?"

PERSONNEL AND OFFICE ACTIVITIES

Norfolk Firm Changes Corporate Structure

In a continuing effort to provide present and future clients with quality architectural service which is the trademark of A. Ray Pentecost, Jr. & Associates, Mr. Pentecost is pleased to announce that William F. Deal, Jr., AIA, has agreed to join the firm as a partner. Mr. Deal was formerly the managing principal in the firm of OSC Associates, a Division of MMM Design Group. Effective January 1, 1987 the firm will trade as Pentecost & Deal Associates, Inc.

The following key professional staff members have received promotions. John J. Baradell has assumed the duties of Executive Vice-President, Elwood B. Durham, Jr. has been named an Associate, and Charlotte Massenburg will become Secretary/Treasurer of the Corporation.

The firm is presently involved with the design of a wide range of building types including, but not limited to, the following: educational facilities, churches, institutional projects, multi-family housing, commercial structures, and preservation of buildings listed on the National Register of Historic Landmarks.

CHK Name Esara New Associate Partner

CHK Architects and Planners is pleased to announce the appointment of Mr. Pipat Esara to associate partner.

Mr. Esara has been with CHK for seven and a half years. In his position as senior designer, he has played a unique behind-the-scenes role within the design process, working on

schematic sketches, and translating building designs into fine artist's renderings that bring the various elements at work into focus. "My job is to help the client, the other architects and the production staff visualize the design under development," Mr. Esara explains. "This allows them to better understand the scale of the project, and how each element will interact."

Mr. Esara holds a Bachelor's Degree in Architecture from Chulalongkorn University in Bangkok, Thailand, and a Master's Degree in Urban Design from Catholic University.

CHK Architects and Planners has over 30 years experience in residential and commercial design, and currently is working on a number of projects in the District of Columbia, Maryland and Virginia. CHK is headquartered in Silver Spring, Maryland and maintains a second office in Arlington.

Baskervill & Son Elects New Officers

Baskervill & Son, Architects and Engineers, elected new officers in early December.

The Directors of the professional corporation are: Richard H. Cardwell, III, AIA; Brent G. Farmer, AIA; Ellis R. Lowry, AIA; Irwin H. McCumber, P.E.; Michael G. Nash, AIA; Richard F. Rhodemyre, Jr., P.E.; C. David Sands, Jr., AIA; David C. Smith, AIA; and Bruce W. Tyler, AIA.

Newly elected officers, who began their term of office on December 8, include: David C. Smith, Chairman of the Board; Bruce W. Tyler, President; Ellis R. Lowry, Executive Vice President; Irwin H. McCumber, Treasurer; and Brent G. Farmer, Secretary.



Ms. Weisberg



Mr. Yates

De Pasquale Announces Personnel Changes

NEW PROJECT MANAGER

Marcie L. Weisberg has joined the Richmond architectural firm of DePasquale & Associates. Ms. Weisberg, who is a licensed Architect in Virginia, graduated from Tulane University with a Bachelor of Architecture degree in 1982. Her project experiences since graduation include office buildings, religious facilities, shopping center projects and recreational facilities. She has also been involved with the interior architecture of restaurants and medical office buildings. At DePasquale & Associates she will serve as a Project Manager primarily for a broad range of governmental, commercial, and religious facilities.

In addition to her architectural achievements, Ms. Weisberg was recently selected to exhibit in the One + One Show by the Richmond Women's Caucus for Art and she has also taught in the Richmond Public Schools Program in Architecture.

ASSOCIATE

The firm has also announced the appointment of Joseph F. Yates, AIA, as an Associate.

Mr. Yates joined DePasquale & Associates in 1984 and has most recently served as a Project Manager in charge of design commissions for various municipalities and for the Commonwealth of Virginia. Mr. Yates is a 1974 graduate of Virginia Polytechnic Institute & State University, and is a member of the American Institute of Architects. He is currently licensed as an Architect in the Commonwealth of Virginia.

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Personnel Additions at Walsh/Ashe Associates, Inc.

The firm of Walsh/Ashe Associates, Inc., a Virginia Beach based architecture, planning and interior design firm has recently announced four additions to its staff.

Maria E. Salazar has joined the firm after a stint with the City Planning Department in Gwinnet County, Georgia. Maria, originally from Lima, Peru, received a Masters of Architecture from Frederico Villareal University and a Masters of City Planning from Georgia Tech.

Norman E. Davis, CCSA, CSI, AIA, has also recently joined the firm. A registered architect, Mr. Davis will be Project Manager in charge of all Department of Defense projects. He has a Bachelors of Architecture degree from Catholic University, Washington, DC, and is a Certified Construction Specifier.

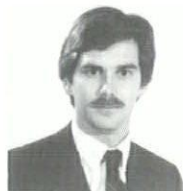
David J. Moniot came to Walsh/Ashe from Warner Barnes Associates. An Architect-in-Training, and in charge of all CADD operations, he received his Bachelors of Architecture from University of Virginia. David transferred to UVA from Hampton Institute and Old Dominion University.



Ms. Salazar



N. E. Davis

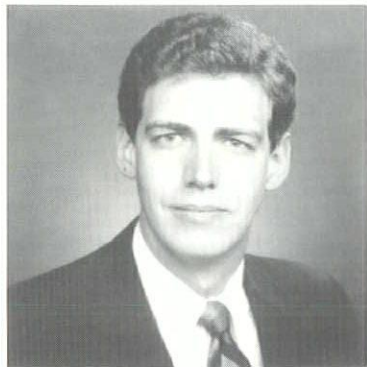


D. J. Moniot



Ms. Labuda

Cynthia A. H. Labuda, was formerly with OSC Associates. Cynthia, an Architect-in-Training with the firm, received a Masters of Architecture from Washington University in St. Louis, Missouri.



Stephen C. Wright, AIA

Dominion Tower, and the master planning for the renovation expansion of city offices and courts facilities, for the City of Charlottesville, to meet space needs through the year 2010.

Wright was formerly Vice President of OSC Associates, architects and interior designers in Norfolk. While with OSC, Wright directed the programming and design of the Chesapeake Municipal Center Master Plan, and the design of offices for Willcox Savage, attorneys-at-law; Vandeventer Black Meredith and Martin, attorneys-at-law; Goodman & Company, Certified Public Accountants; and Virginia Power Company. Wright also participated in the rehabilitation of the Seaboard Center, Norfolk's Old City Hall, and the Norfolk General District Courts Building.

Wright is treasurer of the Hampton Roads Chapter of the American Institute of Architects, a member of the national American Institute of Architects committees on Architectural Interiors and Architecture for Justice, and is a member of the Board of Directors of the Virginia Symphony. Wright, a Norfolk native, is a 1979 graduate of Virginia Polytechnic Institute and State University's School of Architecture, and is active in alumni affairs.

Wright Joins Hanbury Evans Newill Vlattas

Stephen C. Wright, AIA, joined the Norfolk architectural and interior design firm Hanbury Evans Newill Vlattas & Company late last year, and has been named an associate of the firm. Wright will assume responsibility for the management of the firm's facility planning and interior architecture practice. Current major project responsibilities include the management of tenant space planning for the 400,000 square foot



Melvin G. Spain

Dewberry & Davis Names New Associate

Melvin G. Spain, C.L.S., has been named an Associate and Director of Land Development at the Richmond office of Dewberry & Davis, a full-service architectural/engineering firm headquartered in Fairfax. Mr. Spain will serve as project manager and supervisor for various land development projects.

Formerly vice president of Holly & Spain LTD, P.C. in Mechanicsville, Mr. Spain has over 20 years of land development experience in residential and commercial developments within the Richmond metropolitan area. He has served as project manager for various site planning projects including Fairgrounds Distribution Center, a 300,000-SF warehousing project in Richmond; United Parcel Service Transportation Center, a 50,000-SF regional office and maintenance facility spread over four acres in Fishersville; and Ironwood Townhouses, a 70-unit, multi-family housing project in Henrico County. Mr. Spain has also served as project manager for approximately 1,500 single family residential lots over the past six years in Henrico and Hanover Counties.

Current projects with which Mr. Spain is involved at Dewberry & Davis include Kings Charter, a 460-acre mixed-used development in Hanover County; Olde Springfield, a 140-lot subdivision of single-family homes near Richmond; and Fairfield of Williamsburg, a 200-unit multi-family residential development near Williamsburg.

Dewberry & Davis, currently celebrating its 30th anniversary, provides complete architectural, engineering, planning, and surveying services from 13 offices located throughout the mid-Atlantic region.

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Alfonso C. (Wood) Cortado

The Design Collaborative Names Cortado Advisor

Alfonso C. (Wood) Cortado has been named Architectural Intern Development Advisor by The Design Collaborative, Architects, Virginia Beach. Mr. Cortado will be the technical advisor and handle training of intern architects.

Mr. Cortado is a native of the Philippines where he obtained a B.S. in Architecture in 1969 from Feati University. He has worked with The Design Collaborative for eight years as Senior Technician and previously worked with Williams and Tazewell and Associates, Norfolk, for eight years as Design Drafter/Production/Job Captain.



Linda Slate-Jones

Norfolk Firm Names Interior Design Director

Linda Slate-Jones recently joined Morrisette Cederquist Bondurant, architects, structural engineers, interior designers and planners as Director of Interior Design. She was formerly with OSC Architects in Norfolk, and has seven years of experience as an interior designer.

Ms. Slate-Jones has held previous positions in the profession in Tallahassee, Florida and Richmond. She holds a Bachelors of Fine Arts in Interior Design from Virginia Commonwealth University.

Her experience includes educational facilities, hospitality properties, office planning and renovations.

SCHOOLS OF ARCHITECTURE

Chinese Exchange Student Terms Tech Students 'More Independent'

Students at Virginia Tech are more independent than their counterparts in the People's Republic of China and the university's architecture students are more imaginative, according to an exchange student from Tongji University in Shanghai.

Feng Zhan, one of the first two students from his school to take part in a formal exchange program between Tongji and Tech's College of Architecture and Urban Studies, said that architecture students in his country are more practical.

Zhan and Binyi Liu began studying computer-aided design in architecture and landscape architecture at Tech in mid-November. Zhan is also looking at architectural research and architectural education. The two returned to Shanghai in March.

Zhan, who called Virginia Tech "a nice place for study and research," said that students here "can organize more about their studies." Such independence, he suggested, may reflect a difference in the two countries.

He attributed the difference in architecture students to different teaching methods. "The architecture professors here give students more freedom, and the students can be more imaginative. They can think more about the idea of the design," he said. In China, he said, "our students think more about how to develop it (the design) into the project."

He believes that each method "has its own advantages and disadvantages. Each method also reflects the needs of the respective countries," he added.

Tongji's first exchange professor to Virginia Tech, Luo Xiaowei, noted similar differences during her recent four-week tenure in the College of Architecture and Urban Studies.

Since the architecture curricula at the two schools are similar, she also attributed the differences to methods of teaching. "Maybe we teach too much. Our classes are longer, the teacher talks more. Classes here are only one hour, and the teacher doesn't talk so much," she said.



Binyi Liu, left, and Feng Zhan, exchange students from Tongji University in the People's Republic of China, studied computer applications in architecture and landscape architecture in Virginia Tech's College of Architecture and Urban Studies from November to March. Here, they relax in front of Cowgill Hall. (Photo by Rick Griffiths)

Xiaowei, who has been a visiting professor at Washington University in St. Louis and Massachusetts Institute of Technology, also noted that American students are more free to ask questions, while Chinese students are more shy.

"Maybe we talk about 'how to do' too much and not thinking out," she said.

A significant problem the teachers in China must deal with, she noted, is the wide contrast between students from the cities and students

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from the countryside. "The contrast between the country and city is very wide, as much as 100 years difference," she said.

Xiaowei, whose own teacher was the first Chinese student of Walter Gropius at Harvard, considers the exchange program between Tongji and Virginia Tech a very good idea. Guest speakers, she said, "have to say basic things. They don't know their audience. Understanding is only on the surface." But an exchange program offers "mutual understanding" and an opportunity to learn "how students think. An exchange program allows us to go deeper under the surface," she said.

The exchange students were also quick to praise the program. "In an exchange you can compare, and comparison is important," Liu noted.

Zhan agreed: "The practical result is important. Something more important is influence, more understanding to both countries."

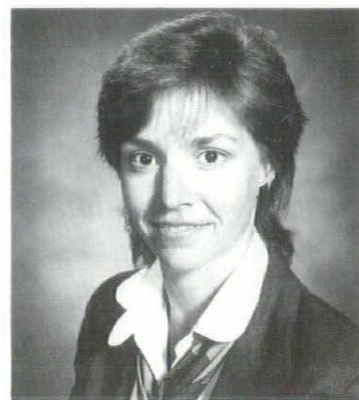
Tech Employee Achieves Professional Architecture License

Celeste R. Rakes, Floyd, has achieved a professional license to practice Architecture in the state of Virginia.

Rakes, a 1978 graduate of Virginia Tech, has previously worked in the architectural/engineering firms of Byron R. Dickson of Roanoke and Mills, Oliver and Webb of Blacksburg. She is employed as a project manager in the University Planning Department of Virginia Tech.

Mrs. Rakes is a member of the Blue Ridge Chapter, American Institute of Architects. In 1983, she was appointed to the Board of Housing and Community Development where she is currently serving as Vice Chairman and chairs the Building Codes and Standards sub-committee.

She lives in Floyd with her husband, Bruce, slowly renovating a 75-year-old family home.



Celeste R. Rakes

SIDELIGHTS

AIA Honors West Virginia Flood Relief Services

The American Institute of Architects has recognized West Virginia design professionals and students for their outstanding volunteer services in providing reconstruction planning and

design assistance to seven West Virginia communities hard hit by devastating floods in November 1985.

John H. Busby Jr., FAIA, president of the AIA for 1986, presented a special Presidential Citation to the West Virginia Society of Architects/AIA,

which, in close collaboration with landscape architects, contractors, students, and the national AIA, "unselfishly provided not only exemplary planning and design assistance to the seven towns, but also a promise of hope and spirit of community to the people of their state."

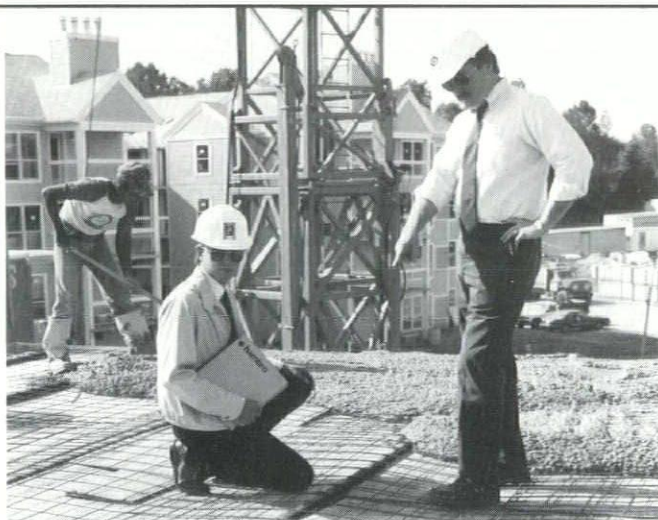
Responding to a request from West Virginia Governor Arch Moore Jr., the West Virginia Society of Architects organized seven mini-Regional/Urban Design Assistance Teams (R/UDATs) — each headed by an architect and made up of other design professionals, students, and members of the Governor's Office of Commerce and Industrial Development — to assist the severely damaged towns, of Albright, Alderson, Marlinton, Moorefield, Parsons, Petersburg, and Rowlesburg. The teams donated more than 2,000 hours of their time meeting with local citizens, assessing their needs, and developing revitalization plans for each town.

At a press conference, Governor Moore praised their work: "These West Virginia architects have done an absolutely outstanding job of volunteerism, attempting in every way they possibly could to share their professionalism and their talent ... Their efforts have been of the highest caliber."

CORRECTION

In our coverage of the Missionary Learning Center in the September/October 1986 issue, we inadvertently omitted credit to Sayre & Associates, p.c., as geotechnical engineer for the project.

And, in the November/December issue coverage of Dominion Pottery, another firm was improperly credited. Sayre & Associates, p.c. was sole geotechnical engineer for Dominion Pottery.



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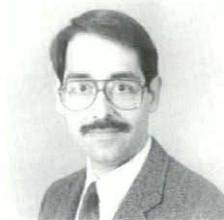
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Dockside Art Review of Tidewater

Morrisette Cederquist Bondurant — Architects

Location: Norfolk

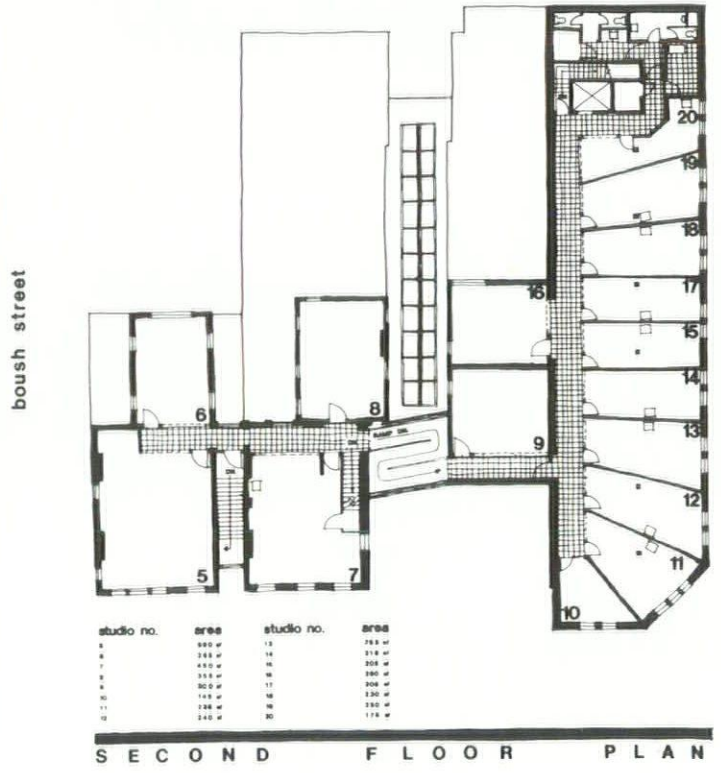
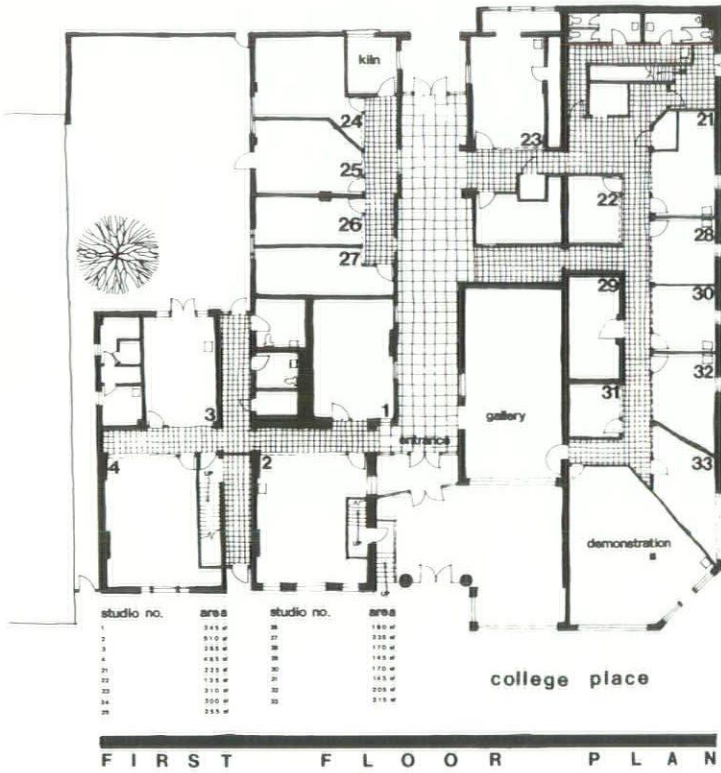
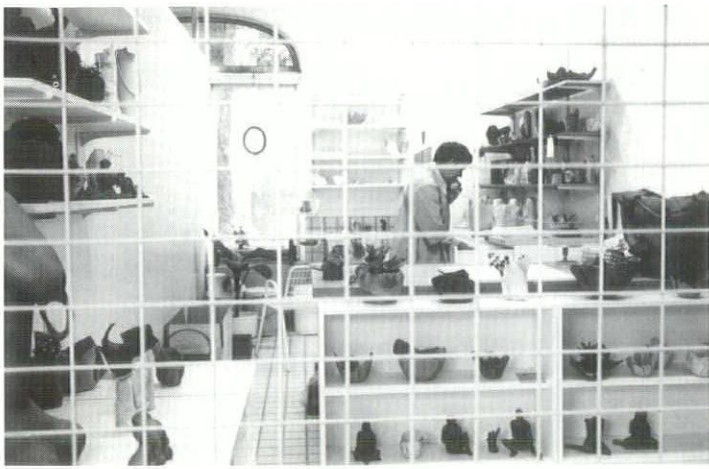
Associated/Consulting Architect, T.H.B. Morrisette • Structural Engineer, Morrisette Cederquist Bondurant • Mechanical/Electrical Engineer, Bowman and Associates, P.C. • Construction Manager, Charles A. Wright Associates • General Contractor, Reliable Builders, Inc.

The d'Art (Dockside Art Review of Tidewater) Center completed in July 1986 is home to 33 studios of one or more artists each, in reconstructed quarters in Downtown Norfolk. Conceived along the model of the Torpedo Factory in Alexandria, the d'Art Center encompasses several old structures and partially rebuilt ones. Previously assembled by a developer employing eclectic themes, the buildings had numerous structural, mechanical and weathering problems whose solutions required most of the available funds. Using the alleys between buildings for stairways and skylighted galleries, a circulation system was established which allows the public to tour the entire two floors of studios without dead ends or back tracking. Primary passageways were cut through the centers of the smaller buildings leaving sunlit studios on both sides, some of which have 16' high ceilings.

Typical studios are separated from the public corridors by an entry door and an open wire grid which facilitates communication between artist and viewer but provides the necessary security for the studio when the artist is not present. Finish materials are basic with drywall separating partitions between studios, exposed ductwork, and suspended industrial lighting. The focal point of the center is the skylighted gallery which evolved from an alley to become the primary entrance and circulation link. Also dominant in this area is a zig-zag ramp between two upper floors of unequal elevation to provide handicap access to all studios. A stone lintel and two classical columns were retained from the original developers eclectic statement and mark the new entrance to the center which features a simple white aluminum window wall framing system and insulated glass enclosure of the gallery at both ends.

In addition to the main gallery there is an adjacent gallery on the first floor which is leased and operated by the Tidewater Artist Association and features a new art display each month. Other features include a central kiln room for potters use and a demonstration room for art





classes which will be organized by the artists. A courtyard behind one of the small buildings (former 1800s residences) is presently being landscaped and arranged for artists use and sculpture display.

Individual studios differ a great deal both in area and in height. A former vault has now been transformed into an appropriate studio for a jewelry artist while other first floor studios near the rear entrance and kiln area have attracted potters and sculptors. Several high ceilinged studios of 400 to 600 square feet have adapted well to combinations of two to three painters or artists involved with silk screening.

The center was originally conceived in response to the tourist related development

near the downtown waterfront as an activity to increase the options of tourists during a visit to Norfolk. The support by the Tidewater Artist Association and area artists in general, signaled a latent demand for the facility regardless of location. As a result of the opening of the center, nearby properties are suddenly hot real estate and a popular Virginia Beach Italian restaurant is planning a second location in a vacant shell across the street. Aided by convenient parking and high visibility, the center has become an immediate success.

Charles A. Wright Associates of Portsmouth was Construction Manager for the project. Reliable Builders, Inc. of Norfolk handled general contract items — woodwork, masonry, concrete and drywall.

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PROGRAM

The single most important element of the program for Fire Station 13 was the owner's need for a prototypical design whose elements and features could be adapted for use throughout Henrico County. Therefore, the fit of the building within its context was a prime consideration. The owner required that the design of Fire Station 13 both respond to the suburban character of the County, primarily residential in style and scale, and respect the prevalent architectural style, characterized by tract houses in upscale residential developments.

Another primary programmatic requirement regarded the suitability of the building to its purpose. The design was to provide an appropriate environment for those who live and work at the fire station and meet the stringent functional requirements of the Division of Fire. These divergent goals were to be accomplished on a modest budget, further complicating the designer's task.

SITE

The site is a well-exposed corner property near several extensive new residential developments. These developments, characteristic of the overall architectural context of Henrico County, exert a strong residential style and scale influence on the design.

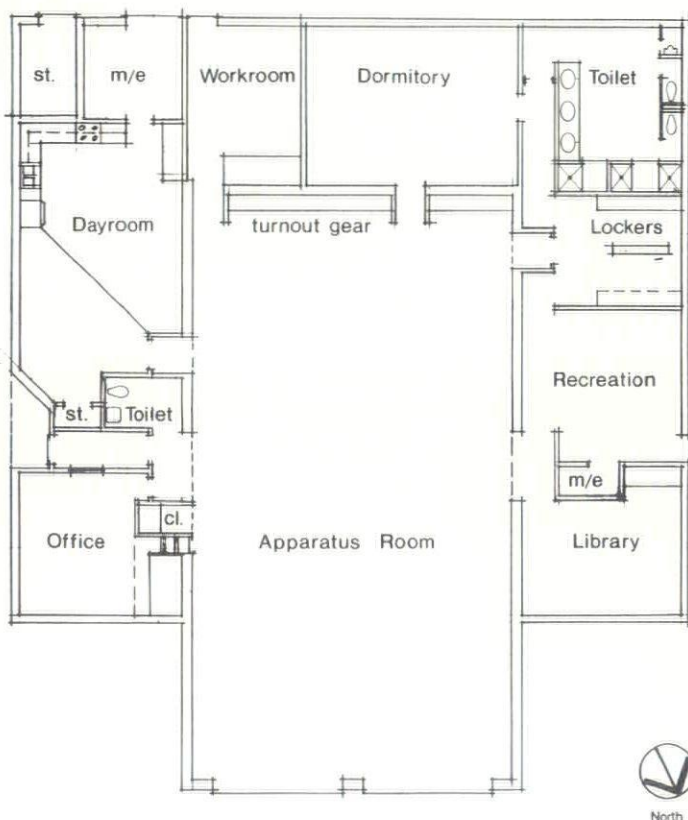
DESIGN SOLUTION

The design of Fire Station 13 is a careful response to both the architectural character of its surroundings and the owner's requirements for a highly functional, yet comfortable and livable building. The traditional form, massing

and materials of the building all reflect its suburban residential context. The brick facade, wide wood cornice, residential scale fenestration, and variety of roof types all reinforce the prevalent architecture.

The massing of the building's various parts also reflects the functions within. Support spaces wrap the Apparatus Room on three sides, providing direct access to the nucleus of the fire station, the Apparatus Room. Among the support spaces, the Kitchen, Dayroom, and T.V. area are grouped into one multi-purpose space, with the various functions delineated by finishes and materials. The larger, projected mass of the Apparatus Room accommodates the oversized firefighting vehicles and prominently expresses the function of the building. Additionally, the recessed stucco panel with its bold "13" logo reiterates the function of the building and makes it a source of civic pride.

The design utilizes an 18-foot module which provides the basis of the structural system and



imposes a high degree of order in the plan and the massing of the building. The simplicity of the modular structural system makes it ideal for adaptation in fire stations throughout the county.

CONSTRUCTION CREDITS

Kayhoe Construction Corporation of Richmond was general contractor and handled foundations, foundation insulation and carpentry.

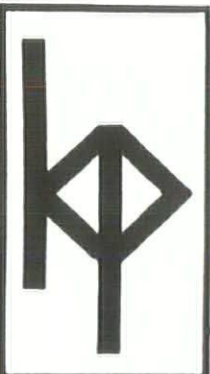
The owner handled landscaping and landscaping materials.

SUBCONTRACTORS & SUPPLIERS (Richmond firm unless noted)

Metro Sitework, Co., Inc., Chesterfield, excavating; APAC-Virginia, Inc., paving contractor; R. L. Almond Co., Inc., Sandston, concrete contractor; Bowker & Roden, Inc., reinforcing steel; Powhatan Read-Mix, Midlothian, concrete supplier; J. Carrington Burgess Masonry Contractor, Inc., masonry contractor; Webster Brick Co., Inc., Roanoke, masonry manufacturer; Southern Brick & Supply Co., Inc., masonry supplier & mortar; Browning Steel Co., miscellaneous steel supplier; Carey Oakley & Co., Sandston, roofing; Lakeside Insulation Co., Inc., roof & wall insulation; and Mulqueen, Inc., Warsaw, structural wood.

Also, James River Building Supply Co., Sandston, millwork & wood doors; Architectural Custom Woodwork, Inc., cabinets; E. S.

Chappell & Son, Inc., Mechanicsville, caulking; Eveready Corp., sheet metal, sprinkler/plumbing/heating/ventilating/air conditioning contractor; Walker & LaBerge Co., Inc. of Richmond, glass & glazing contractor; Pleasants Hardward, metal doors & frames & hardware supplier; Pella Virginia, Inc., windows; Charles Booker, Henrico, stucco contractor & gypsum board contractor; H. E. Satterwhite, Inc., ceramic tile; Acoustic & Interiors Construction, Inc., resilient tile & carpet; Commonwealth Painting & Decorating Co., Manakin-Sabot, painting contractor; Devoe Paint, paint supplier/manufacturer; Barranger & Co., Inc., specialties; Goldberg Co., Inc., refrigerator; John G. Kolbe, Inc., range; Overhead Door Co. of Richmond, overhead doors; Kohler Co., plumbing fixture supplier; Graybar Electric Co., Inc., lighting fixtures supplier; General Electric, electrical equipment; Ace Electric Co., Inc., electrical contractor; and Cavanaugh Corp., fuel pumps & fuel storage tanks.



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Brambleton Branch Library

Hanbury Evans Newill Vlattas & Company — Architects

Owner: City of Norfolk • Location: Norfolk

Project Architect/Designer, Donald R. Hirtz, AIA • Interior Designer, Susan S. Plaster (HENV) • Site Engineer/Surveyor, William C. Overman Associates • Structural Engineer, Fraloli-Blum-Yesselman Associates, Inc. • Mechanical/Electrical Engineer, Vansant & Gusler, Inc. • General Contractor, George Jensen, Incorporated • Photography, Wayne Anderson (HENV).

The Brambleton Branch Library is a new neighborhood public library built by the City of Norfolk to replace an outgrown facility. The library was completed in 1986. In planning the new library, the city stressed the need for maximum visibility and security. With a staff of only two librarians, visibility was a critical issue in the design.

Hanbury Evans Newill Vlattas & Company addressed the security needs by placing the circulation desk in a central location. From the desk, one has visual command of all areas of the library, the entrance, and into the parking lot. The office and workroom behind the circulation desk have glass partitions for easier supervision.

The central circulation desk is topped by a raised roof with clerestory windows, allowing filtered daylight into the space. This central pavilion provides a three-dimensional space which the architect felt was highly desirable in

a one-story building. By creating a more open space at the entrance, this area is perceived as the public/noisy space, as opposed to the quieter stacks and reading areas.

The central pavilion with its raised sloping roof distinguishes the library in the neighborhood which is made up of a mix of residential (sloping roofs) and institutional (flat roofs) buildings. The library also provides the transition from the institutional buildings of Norfolk State University and Booker T. Washington High School to the smaller residences nearby. Integrating a small library into this neighborhood with its mix of building types was one of the design challenges of the project.

The restricted site at the corner of two busy streets presented the problem of how to put three facades on the building - one for the parking lot, and two along the streets. By placing the stacks along the two streets and using large expanses of glass on these walls, a showcase

of books was created for passersby. This display window technique is especially effective at night.

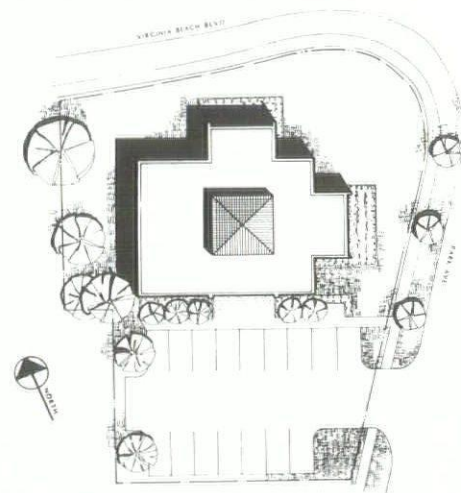
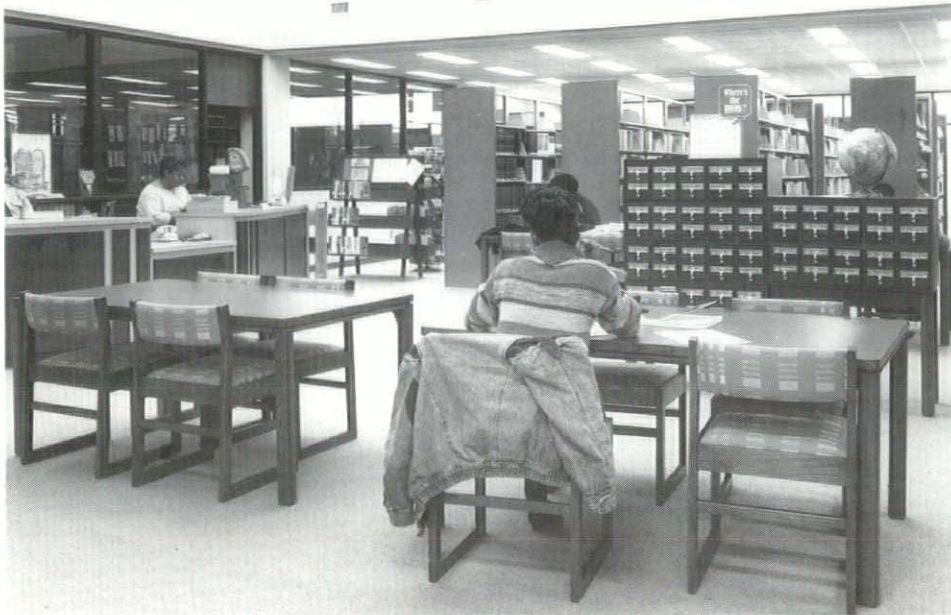
This new branch library is a 5,500 square foot facility that includes stacks, reading areas, a multi-purpose room, children's crafts area with a stage, and a central circulation desk. The multi-purpose room, entrance, and toilets can be isolated for after-hours use. Provisions for future computer hookups were included in the building.

George Jensen, Incorporated of Norfolk was general contractor and handled foundations and concrete work. The owner, City of Norfolk, handled landscaping.

SUBCONTRACTORS & SUPPLIERS

From Norfolk were: Winkelman, Inc., paving contractor; Hall-Hodges, Inc., reinforcing; Lone Star Cement, Inc. (now Tarmac-LoneStar, Inc.),





concrete supplier; Hudson Masonry Co., Inc., masonry contractor; Batchelder & Collins, Inc., masonry supplier; Baker Roofing Co., built-up roof contractor; Seaboard Building Supply Co., hardware supplier; Beck Painting Co., Inc., painting contractor; American Duct Systems, heating/ventilating/air conditioning contractor; Graybar Electric Co., Inc., lighting fixtures/electrical equipment; Hercules Fence Div. Aluminum Specialties Co., Inc., fence; and L. R. Brittingham Co., steel studs.

window treatment; and Brownson Equipment Co., Inc., bookstacks & furnishings.

Others were: Richtex Corp., Columbia, SC, masonry manufacturer; Riverton Corp., Riverton, Flamingo Colorport mortar; Roofing Systems, Inc., Chesapeake, roofing materials; Davenport Insulation, Inc., Newport News, wall insulation; Roanoke Engineering Sales Co., Inc., Richmond, millwork, metal doors & frames, signs & dedication plaque; K & P Caulking Co., Inc., Portsmouth, caulking; All Dominion Glass & Mirror, Inc., Chesapeake, glazing contractor & storefront; Weyerhaeuser Co., Tacoma, WA, wood doors; Kalwall Corp., Manchester, NH, windows & translucent panels; U.S. Ceramic Tile Co., East Sparta, OH, ceramic tile; Bay Tile Corp., Portsmouth, carpet; Howard Marquart, Inc., Chesapeake, louvers & vents; and Parker-Davis Building Specialties, Inc., Charlotte, NC, toilet accessories & projection screen.

Virginia Beach firms were: Lynch, Inc., gypsum board contractor & acoustical ceilings; Schell Supply Corp., plumbing fixture supplier; Virginia Beach Mechanical Corp., plumbing contractor; EMA Associates, electrical contractor; Forrest Exterminating Service, Inc., soil treatment; J. Henry Holland Corp., metal lockers; Dominion Contract Carpets, Inc.,



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Braddock Park High School

SHWC, Inc. — Architects

Owner: Fairfax County Public Schools •
Location: Centreville

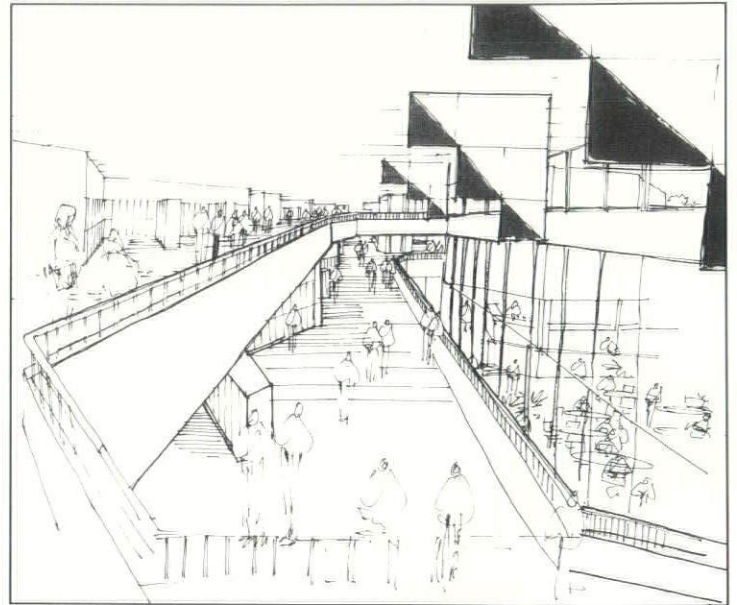
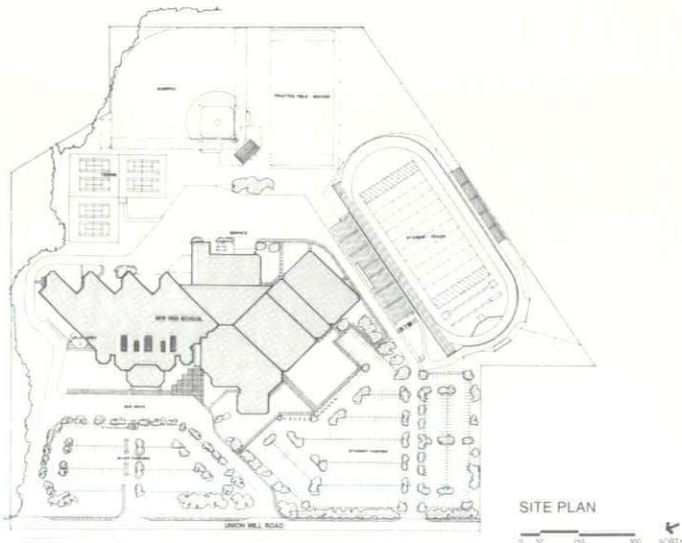
Project Architect/Interior Designer, Bill Wadley, SHWC • Landscape Architect/Site Engineer/Surveyor, Patton, Harris & Rust • Structural Engineer, SHWC, Inc. • Mechanical/Electrical Engineer, Eisenhower, Ltd. • Geotechnical Engineer, Law Engineering • General Contractor, A. S. McGaughan Company.

Designing the full-curriculum Braddock Park High School and an athletic stadium on a hilly, limited site presented a special design challenge for the Fairfax County Public Schools board and the architect. The 33.4-acre site in Centreville, Virginia, had originally been chosen for a middle school, but growth trends later indicated that a 2,000-student high school was needed for the area.

The three-story design accomplished several objectives: maximized use of the limited ground available for the school building; separated instructional, vocational, arts and physical education areas to reduce distraction; and decentralized student services for improved communications. Braddock's three-story commons area reaffirms the environmental concept of the campus by capturing natural light at varying levels. Adjacent to the commons are areas for the school's television studio, the central food preparation kitchen, serving several other schools, and computer laboratory facilities.

The brick structure, which includes auxiliary gymnasiums for gymnastics and wrestling, incorporates the latest techniques in energy efficiency and life safety. Insulated glass windows admit natural light, and a high-quality, thermal envelope protects against both winter blasts and humid heat. Braddock also combines smoke exhaust fans with light monitors to draw smoke from the interior in case of fire.

Completing the campus are a 6,000-seat athletic complex with track, multipurpose field, concessions and press box, and a 1,000 car parking lot.



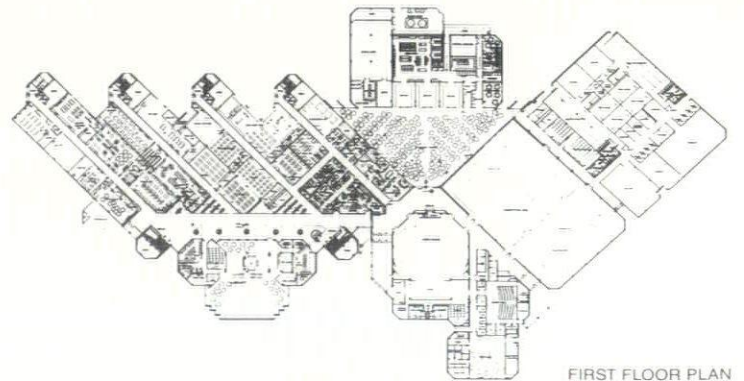
Total cost for the 317,000 SF project is projected at \$22 million—\$69.40 per square foot. Student capacity is 2,000 working out to a cost of \$11,000 per student.

A. S. McGaughan Company of Bethesda, Maryland is general contractor for the project which will be completed in September 1988.

SUBCONTRACTORS & SUPPLIERS

Photolab Fab., Inc., Central Islip, NY, darkroom doors & equipment; Global Floors, Inc., East Point, GA, resilient flooring & carpeting; Metropolitan Rolling Door, Inc., College Park, MD, special doors; Architectural Products, Beltsville, MD, int. expansion joint covers & wall bumper guards; B & R Associates, Gaithersburg, MD, shop equipment & vehical lifts; Betco Block & Products, Inc., Bethesda, MD, brick masonry & glass unit masonry; Broucker Steel Co., Baltimore, MD, reinforcing steel; Brownson Equipment Co., Inc., Richmond, telescoping bleachers; Conrad Bretznar, Inc., Baltimore, MD, cabinets & casework, library casework; E. C. Cross, Woodbridge, electrical work; and Development Consultants Group, Olney, MD, site utility layout.

Also, Dominion Applicators, Inc., Falls Church, light gauge steel framing, metal support systems, gypsum wallboard & acoustical treatment; John



Driggs Co., Inc., Capitol Heights, MD, site preparation, earthwork—sitework, earthwork—building, seeding, sodding & mulching; Firedoor Corp. of Florida, Miami, FL, hollow metal doors & frames; Giganti & Associates, Washington, DC, entry floor mats; Herndon Concrete, Inc., Sterling, normal weight concrete & lightweight structural concrete; Long Fence Co., Fairfax, chain link fence & vinyl-clad chain link fence; Martin Fireproofing Corp., Buffalo, NY, cementitious wood fiber system; Maryland National Elevator, Inc., Cheverly, MD, elevators; and Ronald D. Mayhew, Inc., Bristow, special coatings, painting & wallcoverings.

And, McManus Enterprises, Bala Cynwyd, PA, theatrical stage equipment; MedServ, Inc., Richmond, food service equipment; Metro Grading & Utilities, Greenbelt, MD, underground site utilities; Metropolitan Fireproofing, Washington, DC, fireproofing; MJC Corp., Cheverly, MD, roof & deck insulation, built-up asphalt roofing, modified bitumen roof, flashing & sheet metal & roof accessories; Montague-Betts Co., Inc., Lynchburg, structural steel, steel joists, metal decking, metal fabrications & expansion control; Overhead Door Co. of North Washington, Beltsville, MD, dock bumpers; Piedmont Sprinkler Co., Inc., Woodbridge, fire protection; and Potomac Valley Brick & Supply Co., Rockville, MD, mortar.

Others are: Prospect Enterprises, Sterling, waterproofing; Rudd's Pest Control, Inc., Annapolis, MD, termite control; The Safemasters Co., Inc., Alexandria, floor safe; Standard Wire & Steel Works, Harvey, IL, mesh partitions; Strescon Industries, Landover, MD, structural precast concrete; SWG, Inc., Baltimore, MD, door louvers; Swingin' Door, Rockville, MD, wood doors & finish hardware; Sygnatech, Bethesda, MD, louvers & vents; and Venetian Tile, Fairfax, ceramic tile & paver tile.

And, Warner Mechanical Corp., Rockville, MD, mechanical work; Williamson & Wilmer, Inc., Richmond, hoists & supports; Woodbridge Glass Co., Inc., Woodbridge, aluminum doors & frames, aluminum windows, glazing & glazing wall systems; York Building Products, York, PA, concrete unit masonry; Hannah Industries, Enterprise, AL, portable bleachers; MEGA Contractors, Inc., Falmouth, paving & synthetic track; Southeastern Floor Co., Beltsville, MD, wood strip flooring & gym wood flooring; Won-Door, Inc., Salt Lake City, UT, special doors; and Schultz & Mellits, Inc., Bowie, MD, fire extinguishers.

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Renovations to North Hospital Medical College of Virginia Marcellus Wright Cox and Smith Architects

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

Associated/Consulting Architect, Falick/Klein Partnership, Inc. • Project Architect/Designer, Fred H. Cox, Jr., FAIA • Landscape Architect, John Buck, ASLA • Interior Designer, MWC&S • Cost Consultant, Arthur Sisco • Structural Engineer, Hanover Engineers • Mechanical/Electrical Engineer, Hankins and Anderson • Food Service Consultant, Oscar Beringer • Hospital & Health Care Consultants, M. Bostin Associates • General Contractor, Rentenbach Constructors, Inc. • Photography, Whitney Cox.

The opening of the completely renovated North Hospital at Virginia Commonwealth University's Medical College of Virginia campus marks the accomplishment of the planned first phase of construction of the institution's 1981 Master Plan. The Master Plan was developed by the team of Marcellus Wright Cox & Smith, Architects/Planners of Richmond, the Falick/Klein Partnership, Masterplanners of Houston, M. Bostin Associates, Hospital and Health Services Planning consultants of New York, and the Richmond engineering firms of Harris, Norman & Giles, Hankins and Anderson and HC Yu & Associates. Addressing over 3,000,000 square feet of space at the Medical Center, the 1981 Mast Plan was reviewed in 1983 and 1985 and is currently undergoing a major update to be completed in early 1987.

The North Hospital will contain about 296 beds, located on the upper floors. An addition to the east side of the building now permits nursing units of approximately 42 beds per floor. The beds include Medical/Surgical, Oncology, Rehabilitation, Psychiatry, Neurology, and the Burn Unit. The Main Hospital completed several years ago contains 548 beds, leaving only Corrections, Substance Abuse and Clinical research inpatient hospital beds remaining in the old West Hospital built in the late 1930s.

The lower floors of North Hospital were increased in size by another addition which infills the courtyard between the hospital and the Cancer Center. Included there are: Physical Therapy, Occupational Therapy, Oncology and Rehabilitation Clinics, support spaces, and a new entry configuration on Marshall Street.

MASTER PLAN PHASE I

This first phase upgrades the deficient hospital programs which were included in the new Main Hospital occupied in the early 1980s. It was previously (prior to 1979) contemplated that inpatient care and diagnostic/treatment facilities would be renovated and located within A. D. Williams/West Hospital. Cost studies indicated that it was more economical to essentially renovate and add to the North Hospital for diagnostic/treatment and inpatient care than to renovate the entire A. D. Williams/West Hospital. Severe planning constraints in A. D. Williams/West Hospital, such as the inadequacy of the existing elevator systems and the difficulty of planning efficient departments in the double-loaded cross-corridor shapes, indicated an inadequate result upon completion of very costly renovation. Use of A. D. Williams/West Hospital for inpatient care would have required extensive renovation to meet current life safety codes if significant funds were to be committed to continued occupancy.



VEHICULAR CIRCULATION

The North Hospital entry has been relocated to the ground floor level, and includes a new lobby and courtyard providing a new drop off point on Marshall Street for visitor and patient traffic. The entry for North Hospital will continue to be at the ground level.

INTERNAL CIRCULATION

New construction at the basement and ground levels allows for the development of separate public and staff/patient circulation. Circulation penetrates through the Hospital, and into the Cancer Center. Public circulation is located at the south end of the building, connecting the elevators with the lobby and the Cancer Center. Separate staff/patient circulation has been created within departments to allow for easy flow throughout these floors without public interface.

FUNCTIONAL ORGANIZATION

The basement and ground levels of the North Hospital were infilled to contain diagnostic and treatment facilities, including: Physical Therapy, Occupational Therapy, and Rehabilitation Clinic, Cancer Rehabilitation, and public space including the Lobby, Gift Shop, Snack Bar, Admitting, and Volunteers areas. Also included at the ground level of the North Hospital were the Oncology Clinic and support services such as Housekeeping and Transportation.

Other diagnostic and treatment services located within the North Hospital include Nuclear Medicine and the Heart Station.

BUILDING SYSTEMS

A significant portion of the exterior skin of North Hospital was upgraded or replaced to meet new energy codes. The facelift also gives the building a new image, which is one of the primary goals of MCV.

This project brings the quality of the inpatient units up to the same standards as those which will be available in the new Main Hospital, permitting a single standard of physical environment throughout the institution.

The mechanical systems in the North Hospital were replaced or upgraded so that all floors of the building were brought up to date.

New floor-to-floor heights within the addition align with the existing floors to prevent ramping.

AREA REQUIREMENTS

The project involved renovation of approximately 160,000 gross square feet of space and the addition of approximately 69,000 gross square feet.

PROJECT COSTS

Construction costs for the North Hospital addition and renovation were approximately \$22 million. The costs of an entirely new replacement hospital structure would have been in excess of \$30,000,000.

CONSTRUCTION CREDITS

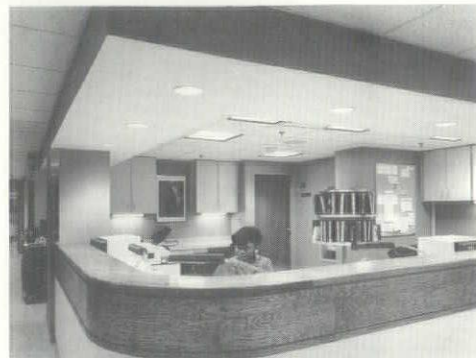
Rentenbach Constructors, Inc. of Greensboro, NC was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS (Richmond firms unless noted)

SUPPLIERS: James G. Thayer, ceiling expansion joints; Concrete Pipe & Products Co., Inc., block; Redford Brick Co., Inc., solid brick & face brick; Roanoke Engineering Sales Co., Inc., Charlotte, NC, hollow metal doors & frames, louvers & vents, floor mats & frames, directory, pass windows, fire extinguisher cabinets, rolling steel doors, grilles, stainless steel security screens, retractable partitions, rubber bumper strips and TV brackets; O'Ferrall, Inc., resilient flooring & Safetone mineral fiber lay-in panels; Security Corp., bullet resistant service window; Seybar, Inc., Martinsville, telephone shelves; and Lone Star Cement, Inc. (now Tarmac-LoneStar, Inc.), concrete & pea gravel, cast-in-place concrete.

Also, Columbia Lumber & Manufacturing Co., Columbia, SC, wood doors & millwork; Radiation Protection Products, Inc., Minneapolis, MN, radiation shielding; J. S. Archer Co., Inc., IV tracks, IV hangers, cubicle curtain tracks; Mill Power Supply Co., Charlotte, NC, space-frames & skylights; Owen Steel Co. of NC, Inc., Gastonia, NC, structural steel, metal deck & miscellaneous metals; Lott Steel, Welcome, NC, reinforcing steel & mesh; Pleasants Hardware, finish hardware; Philip W. Smith, Co., Raleigh, NC, toilet partitions & accessories supply & installation; and American Polymer Co., Augusta, GA, resinous precast panels.

SUBCONTRACTORS: Ray W. Stinson Construction, wood door & associated hardware installation; A. Bertozzi, plaster patching; R. S. Harrigan & Co., Inc., metal drapery pockets; Servicemaster of Richmond, Inc., cleaning &



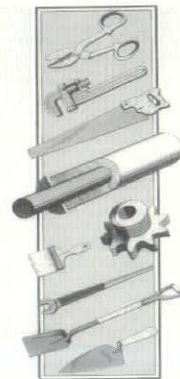
waxing resilient floors; Clear-Day, Inc., Greensboro, NC, window, window frame cleaning; Earthscapes, landscaping & planting; N. W. Martin Bros., Inc., roofing & sheet metal; APAC-Virginia, Inc., asphalt paving/resurfacing; American Coatings Corp., fireproof coating; Capital Masonry Corp., masonry; H. E. Satterwhite, Inc., ceramic tile, terrazzo & special flooring; Division 7 Contracting Co., Charlotte, NC, waterproofing; E. S. Chappell & Son, Inc., Mechanicsville, caulking; Marathon Engineering Corp., Mountain Ranch, CA, resilient padding; Bernard White & Co., Inc. (Universal Shielding Corp.), Baltimore, MD, environmental shielding; Steel Products, Inc., Rockville, MD, chalkboards & tackboards; Otis Elevator Co., elevator & dumbwaiter; and Freeman's Architectural Casework, Brentwood, TN, casework.

And, Sweeney Co. of Maryland, Greenbelt, MD, drywall acoustical, lath, plaster, insulation, spray; Street & Branch, Inc., painting & vinyl wall covering; E. G. Smith Construction Products, Inc., Pittsburgh, PA, curtain wall system, preform insulated metal siding; Food Service Supplies, Columbia, SC, food service equipment; Binswanger Glass Co., aluminum window & storefront; Trans-Vac Systems, Georgetown, TX, trash & linen pneumatic conveying system; Johnson Controls, Inc., general automation & controls; Hungerford Mechanical Corp., mechanical contractor; Starr Electric Co., Inc., electrical contractor; Wrecking Corp. of America, Alexandria, demolition; Dominion Caisson Corp., Alexandria, drilled caissons; Translogic Corp., Springfield, pneumatic tube system; and Sprinkler Systems, Inc., Ashland, sprinklers.



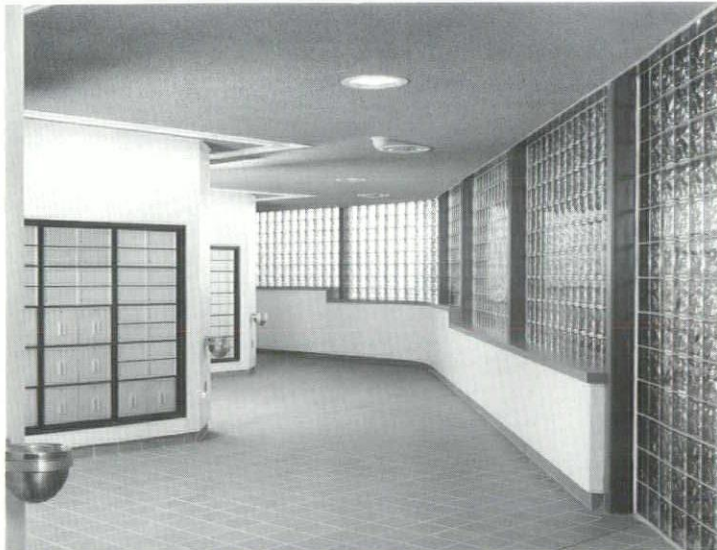
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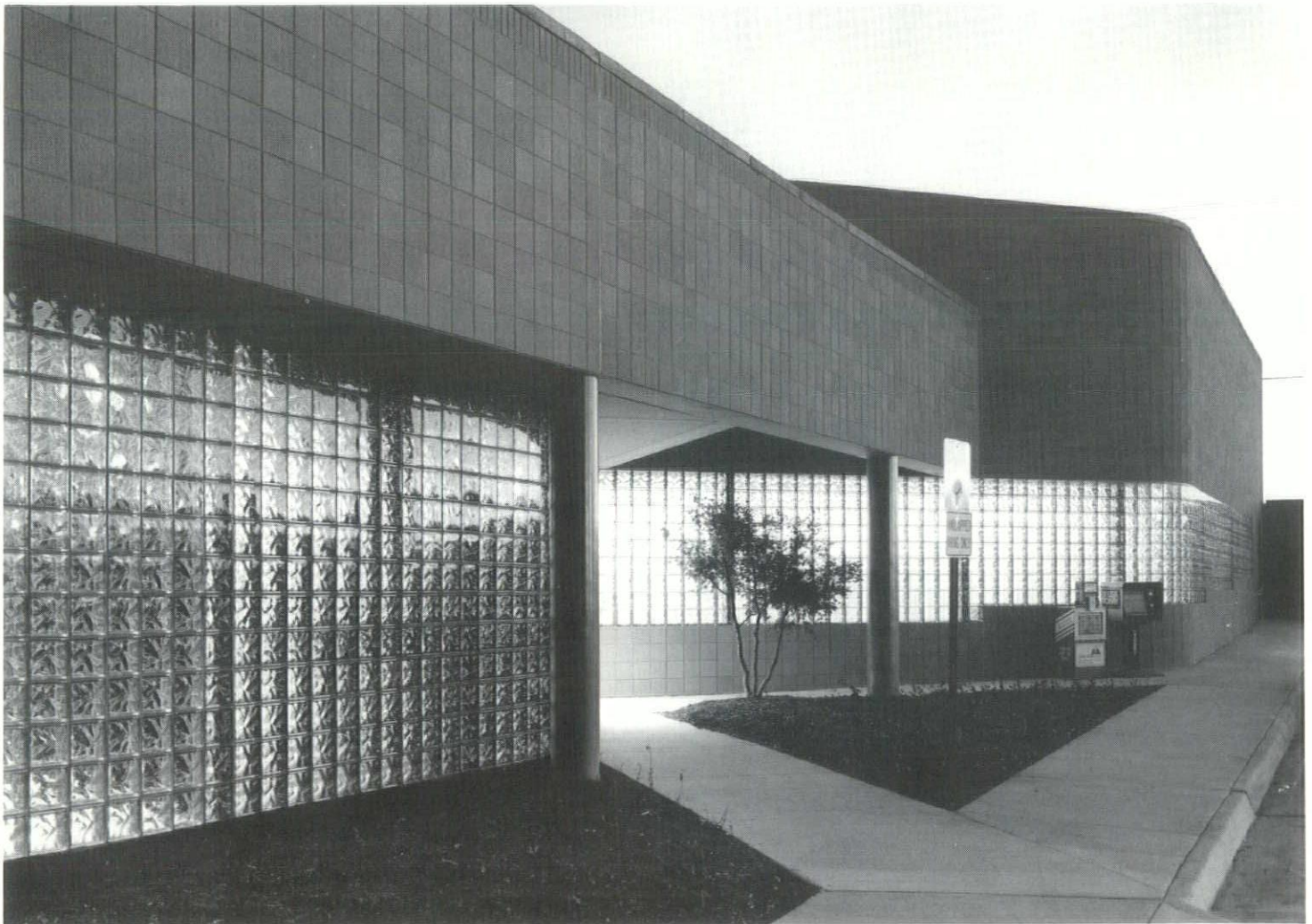
MHA, Inc. — Architect

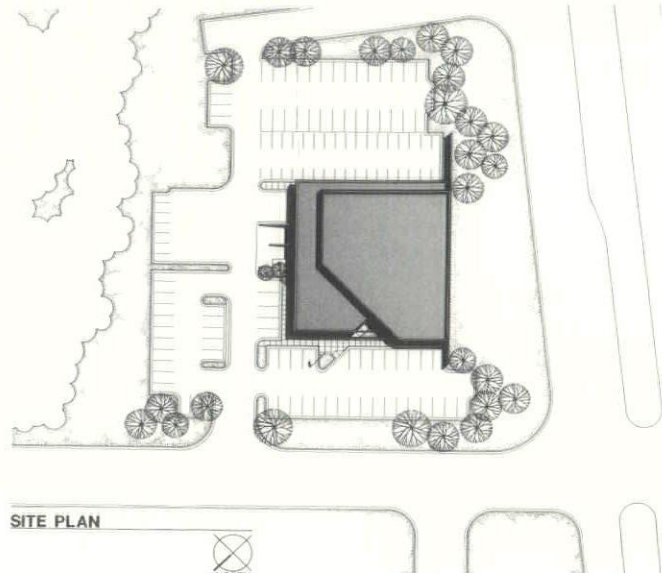
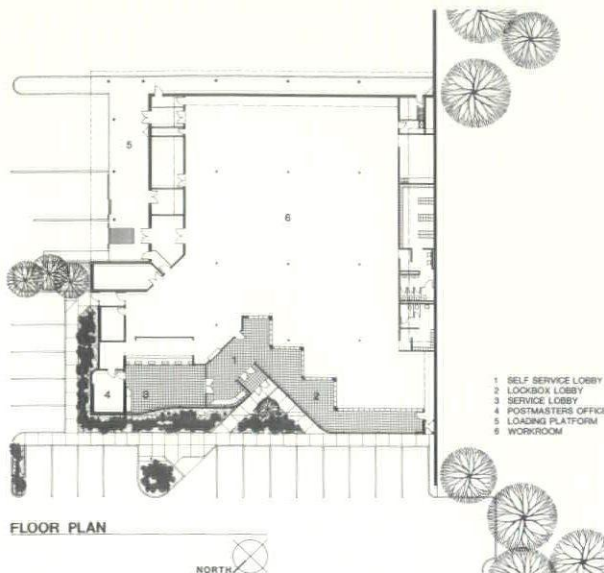


Owner: United States Postal Service • **Location:** Chesterfield County

Landscape Architect, Paul E. Gareau, ASIA • **Interior Designer,** Moseley-Hening Associates, Inc. • **Cost Consultant,** John K. Stonnel Company • **Site Engineer/Surveyor,** Austin Brockenbrough & Associates • **Structural Engineer,** Dunbar, Milby & Williams • **Mechanical/Electrical Engineer,** Brandt Engineering • **Geotechnical Engineer,** Sayre & Associates • **General Contractor,** Central Construction Corporation • **Photography,** Whitney Cox.

The Bon Air Branch of the United States Postal Service is located at the intersection of Route 60 and Pinetta Drive in Chesterfield County. Completed in October 1985, the construction of this 15,400 SF facility was necessitated when a leased facility was outgrown due to the rapid increase in population throughout the section of Chesterfield County that is served by the Bon Air Branch.





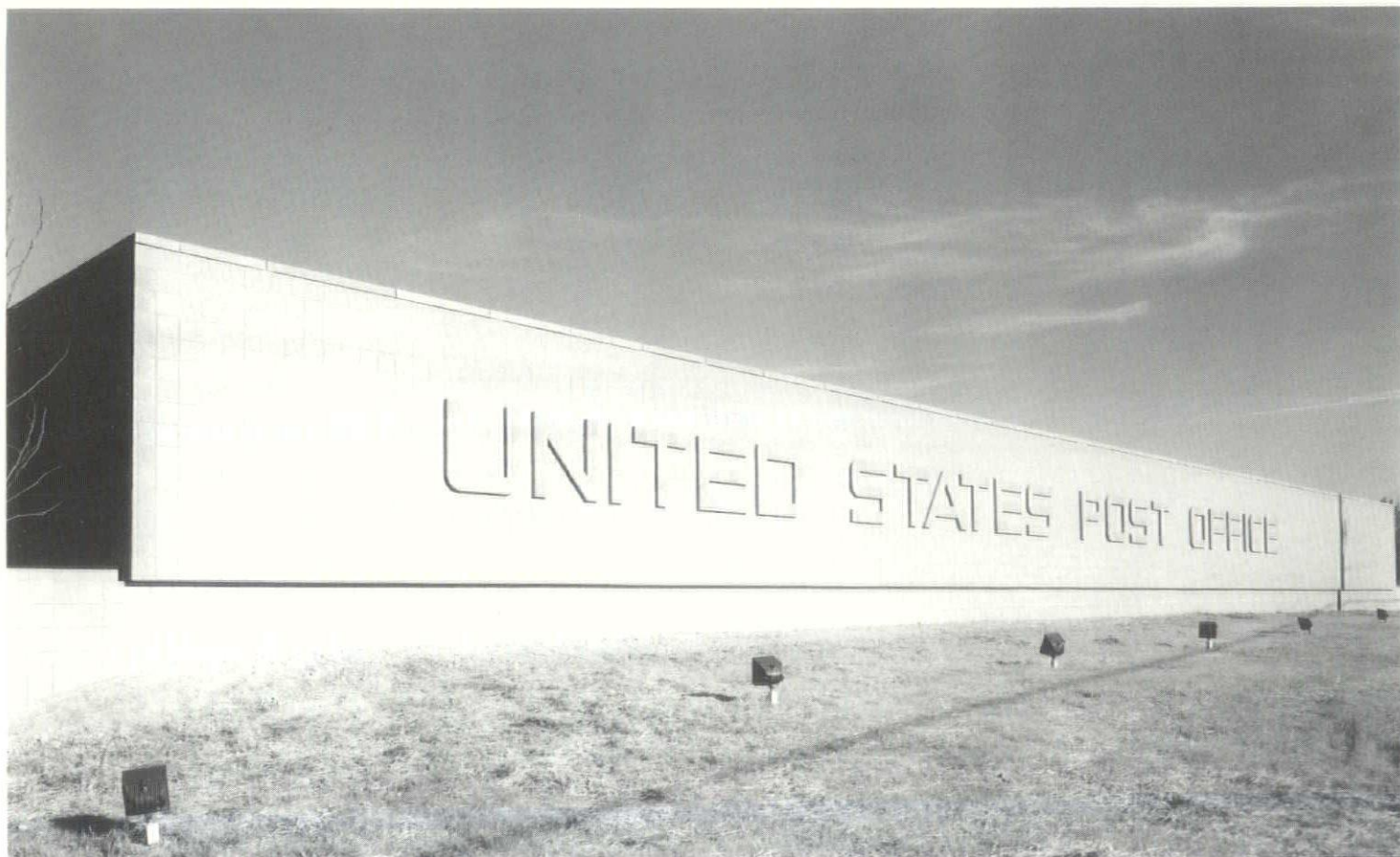
In pre-selecting a suitable location for construction of a new post office, a primary objective of the United States Postal Service is to acquire a site that is central to the population served by a particular post office branch. A parcel of land at Route 60 and Pinetta Drive was found to be centrally located for this branch, however there were major site constraints to overcome. Specifically, the site sloped approximately 40' from its southwest corner downward to its northwest corner. The site had been used for stock piling unsuitable soil during the construction of neighboring communities. Approximately 16' of unsuitable soil was discovered

during soil boring tests. This was removed from beneath the entire building footprint and was replaced with a new compacted fill material. In addition, the county would only allow one public entrance into the site from Pinetta Drive. No public entrance was allowed from Route 60.

Moseley-Hening Associates, Inc. designed the facility using an approach that would allow integration of site and building design, enabling the site constraints to work for and not against the building design. The south facade, facing Route 60, reflects the dense commercial environment of Route 60 by acting as a "billboard"

for the Post Office. The Pinetta Drive facade is the entrance or "front door" for the public entering the site, thus the building mass and first floor elevation is low in scale with the adjacent Brighton Green single family subdivision.

To further incorporate the building design with its adjacent surroundings, MHA chose a compatible combination of brick masonry and glass block. The 8" x 8" modular shape used for both brick and glass block units "humanizes" the scale of this industrial-type use building. The glass block is also a cost-effective solution for



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for the
Bon Air Branch Post Office*

permitting light infiltration into public spaces while maintaining a visually secure perimeter.

An 8" x 8" vertical and horizontal grid pattern was maintained throughout the design of the exterior and interior public spaces. The grid pattern acts as a web for receiving and making the transformation from masonry brick to glass block. The glass block curves easily inward, allowing a subtle transition from the opaque brick and flush vertical point at the front plane of the building. The 4" face offset and the raised brick letters on the south facade provide a separateness from the building itself and visually enhance the "billboard" effect from Route 60.

Clear glass block and painted concrete masonry units are utilized for secure interior partitioning and complement the service spaces within the building. Service spaces include five customer windows, a self-service lobby and 1,700 post office boxes. Working spaces within the building include a workroom, Postmaster's office and a loading platform. The exterior customer spaces are comprised of parking spaces for 50 automobiles and a drive-up mail depository area.

Central Construction Corporation of Richmond was general contractor and one of three electrical contractors. The firm also handled carpentry.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)
Quail Oak, Inc., and J. E. Liesfeld Contractor, Inc., Rockville, excavating; Sneed's Nursery & Garden Center, landscaping materials & landscaping contractor; MEGA Contractors, Inc., Rockville, paving contractor; L & B Burkette, Inc., foundations, concrete contractor & foundation insulation; Bowker & Roden, Inc., reinforcing; Lone Star Cement, Inc. (now Tarmac-LoneStar, Inc.), concrete supplier; Capital Masonry Corp., masonry contractor & wall insulation; Hanley Brick, Inc., Pittsburgh, PA, masonry manufacturer; Redford Brick Co., Inc. and Concrete Pipe & Products Co., Inc., masonry suppliers; The Riverton Corp., Riverton, mortar; Empire Grantie Corp., stonework contractor; Seaboard Concrete Products Co., stonework supplier; Andrews-Joyner Iron Works, Inc., Petersburg, steel supplier/erector/joists/roof deck & miscellaneous metal; and Town & Country Roofing Co., EPDM roofing & roof insulation.

Also, Woodworking Specialist Co., Inc., millwork, cabinets & wood doors; Western Waterproofing Co., Inc., waterproofing; Commercial Caulking Co., caulking; Pittsburgh Corning Corp., Pittsburgh, PA, glass block manufacturer; Roanoke Engineering Sales Co., Inc., metal doors & frames & specialties; Perkins & Glass, Inc., storefront; Tom Jones Hardware Co., Inc., hardware supplier; F. Richard Wilton, Jr., Inc., Ashland, gypsum board contractor; Majors Tile, Petersburg, ceramic tile; Manson & Utley, Inc., acoustical treatment, resilient tile & carpet; M. P. Barden & Sons, Inc., painting contractor, paint supplier & special wall finish; Porter Plumbing & Heating, Midlothian, sprinkler & plumbing contractor; Howell Heating & Air Conditioning, Ashland, heating/ventilating/air conditioning contractor; Maddux Supply Co., lighting fixtures/electrical equipment supplier; and Mayo & Associates, Inc., Chesterfield, electrical equipment supplier.

Others were; Calloway & Company, Chesapeake and Womack Electric, Inc., electrical contractors; National Industrial Products, Inc., Mechanicsville, loading dock equipment; W. B. Goode Co., Inc., underground gas storage tank & pump; and Fairfield Fence Co., chain link fencing.

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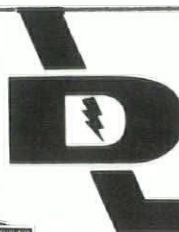
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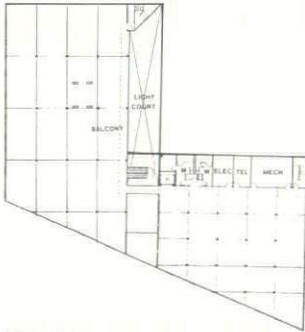
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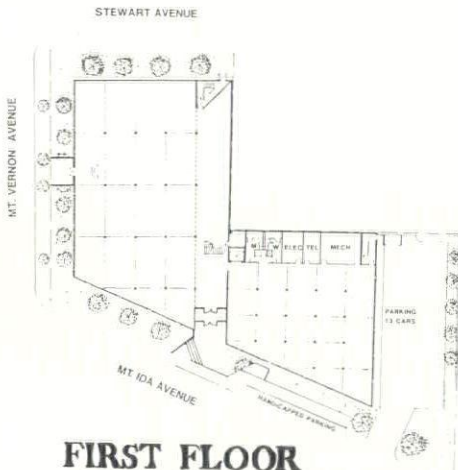
(703) 550-7620

Alexandria Human Services Center

VVKR Incorporated — Architects



SECOND FLOOR



FIRST FLOOR

The City of Alexandria required a new facility to consolidate the offices of the Human Services Department. With a limited budget for the new space, a decision was made to move the department into a leased structure.

Enter Harry Poladian, an owner/developer of a property located in an older neighborhood of Alexandria known as Del Ray. Poladian's property contained a vacant one-story furniture store and several support structures.

In a cooperative effort, the Department employees, Poladian and VVKR worked together to develop a solution that would meet the needs of the Human Services Department and serves as an impetus for new development in the neighborhood.

One of the major requirements for the design team to consider was the existing streetscape. The Del Ray Citizens Association and the city's Planning and Zoning Department were concerned about the impact a municipal building

Owner: Harry Poladian • **Location:** Alexandria

Project Architect/Designer, Landscape Architect, Structural/Mechanical/Electrical Engineer, VVKR Incorporated • Interior Designer, VVKR/Design Collaborative • Construction Management, Construction Management Collaborative • General Contractor, Poladian Construction Corporation • Photography, Harlan Hambricht & Associates.

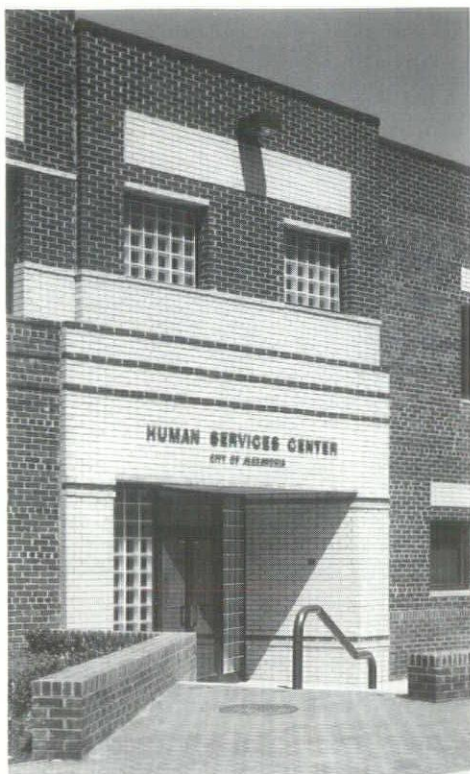
would have on the streetfront. The street consists of two-story, storefront type buildings.

In order to maintain the streetfront appearance, the design emphasized recycling. By recycling and retaining portions of the existing complex, previous zoning provisions remained in effect.

The completed Alexandria Human Services Center is a two-story 44,00 square foot office building. To accomplish this, two major portions of the one-story existing furniture store were retained; the remaining portion of the store and support structures were demolished to remove unsightly building and to make room for parking. A second-story was added to allow for additional office space. The second-story has a stepped roofline to maintain the storefront appearance of the surrounding neighborhood.

The block-long building is further broken up through the utilization of grey-beige bricks to accent the baseline and window areas. A light





court links the existing structure to the new building and introduces light to the interior spaces.

The interior space consists of a lobby, reception area, children's play area, executive offices and administrative areas.

Design Collaborative, an affiliate of VVKR, designed the interior spaces of the Alexandria Human Services Center. Construction Management Collaborative, also an affiliate of VVKR, provided construction management services.

Harry Poladian, Poladian Construction Corp., Alexandria, the owner, acted as his own general contractor.

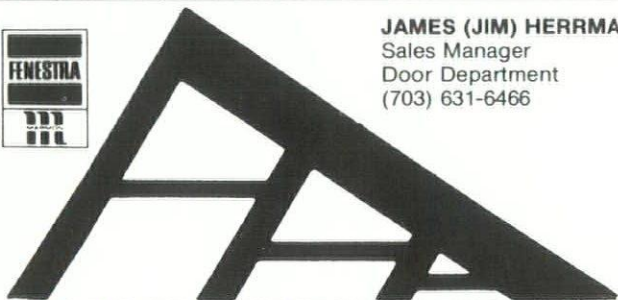
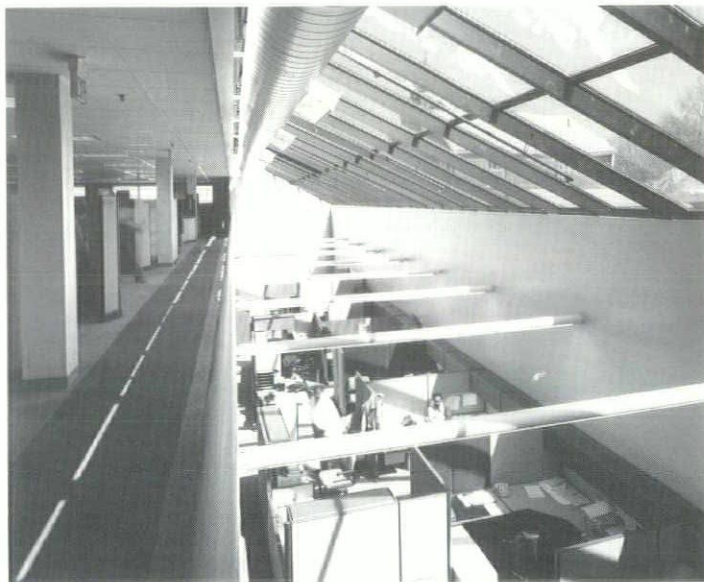
SUBCONTRACTORS & SUPPLIERS

Also from Alexandria were: Navia's Construction Co., masonry contractor; Otis Elevator Co., elevator; Dwyer Service Corp., heating/ventilating/air conditioning contractor; R & R Venetian Blinds, Inc., venetian blinds; Olde Towne Decorators, painting contractor; Etcetera Hardware Co., Inc., and Precision Doors & Hardware, Inc., doors & hardware;

Engineered Foundations, Inc., sheeting & shoring; and Arlington Asphalt & Paving Co., asphalt.

Others were: John Driggs Co., Inc., Springfield, excavating; Northern Virginia Nursery, Nokesville, landscaping materials & landscaping contractor; Southern Iron Works, Inc., Springfield, steel erection; James A. Cassidy Co., Inc., Fairfax, windows; Associated Glass Co., Inc., Fairfax, storefront/skylights; D.C. Contractors, Washington, DC, drywall & ceiling; Stevens Tile & Marble Co., Inc., Kensington, MD, ceramic tile; Southern Maryland Floor Co., White Plains, MD, carpet; Walter C. Davis & Sons, Inc., Newington, electrical contractor; Davenport Insulation, Inc., Springfield, insulation; and J. G. Miller, Inc., Chantilly, site/utilities.

Also, Dixon Products, Temple Hills, MD, toilet partitions/bath accessories; Overhead Door Co. of North Washington, Beltsville, MD, rolling grille; Fire-Mak Sprinkler Systems, Inc., Baltimore, MD, fire systems; All-State Lot Striping, Lanham, MD, striping; L.E.B., Inc., Washington, DC, demolition; Concrete Structures, Inc., Richmond, concrete structures; Habitant Fencing, Bay City, MI, fencing; Harry S. Peterson, Inc., Frederick, MD, precast roofing; and Door Systems, Inc., Lorton, door systems.



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Gailhac Hall Addition — Marymount University

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

Owner: Marymount University — M. Magella Berg, RSHM, President • **Location:** Arlington

Project Architect, Frederick Sheridan • **Site Engineer/Surveyor,** Payne Associates • **Structural Engineer,** Meyer Associates • **Mechanical/Electrical Engineer,** Gormley/Wareham Associates • **General Contractor,** Miller Brothers Constructors, Inc. • **Photography,** D. Brown.

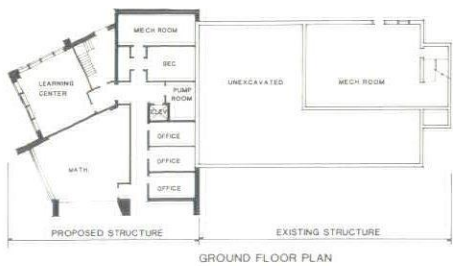
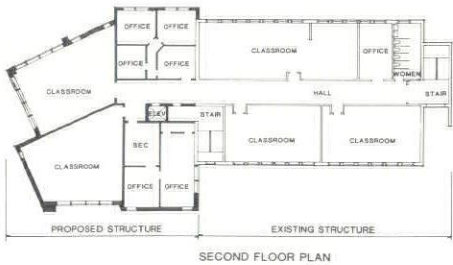
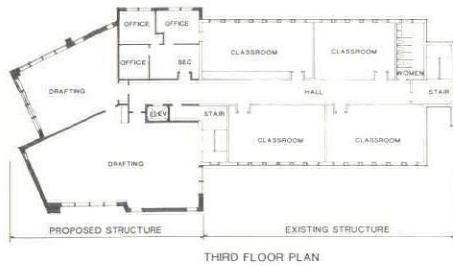
Marymount University of Virginia, located on Old Dominion Drive and North Glebe Road in Arlington, contacted the architect to study the existing facilities and how they could be used to accommodate new space requirements for classrooms and offices for the increase of students on campus.

Gailhac Hall was chosen first because of the need to expand the drafting and design studios, lecture rooms and the Arts and Sciences offices

and classrooms. It also had some area for an addition, but on a very hilly site. The addition to Gailhac Hall had to be:

- architecturally harmonious with a 30-year-old classroom building, yet be an expression of new architecture on campus, and
- be built on a very hilly site, adjacent to a retaining wall of the hockey field.

The solution was to add a fourth level down the hill. On this level, which would be on grade,



handicapped students and faculty would be able to enter; and, with the addition of an elevator, connect all four levels of classrooms and offices. Use of the mechanical room and stair of the existing building helped in the construction and cost. The 15,000 square foot addition doubled the size of Gailhac Hall.

The exterior of this building is Dryvit, white finish, on a two-inch insulation board fastened to concrete masonry units. The exterior finish

matches the adjoining building, and the painted CMU is the interior finish.

The classrooms have self-contained unit ventilators and the offices are served from air handling units.

Underpinning of the existing building was required to add the lower level.

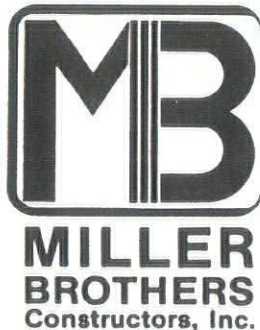
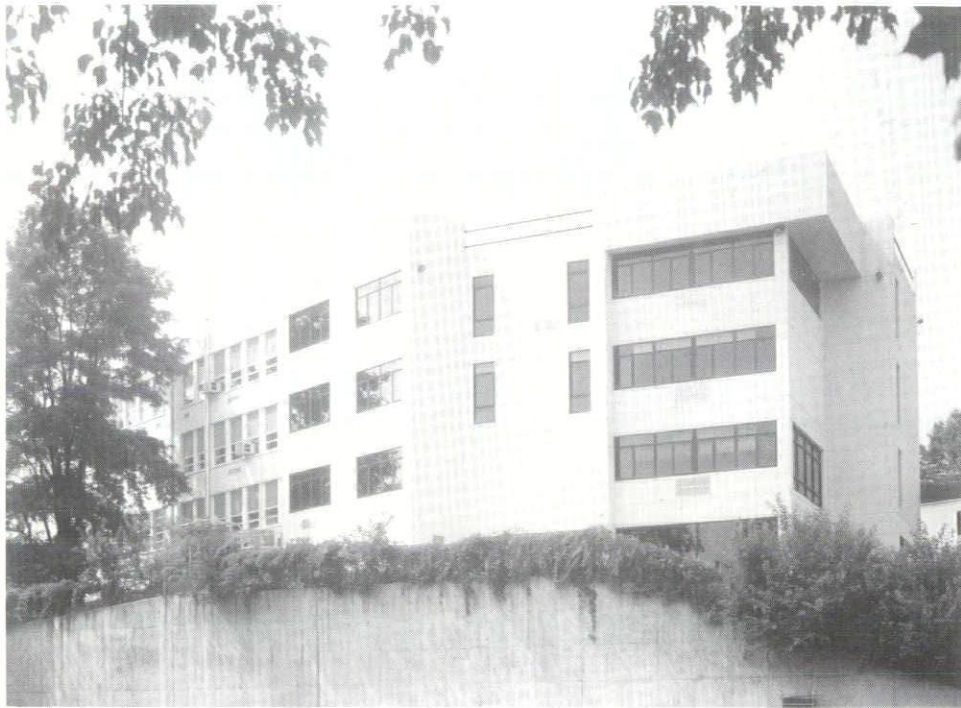
The construction of the Gailhac Hall addition was complete in May of 1985.

Miller Brothers Constructors, Inc. of Sterling was general contractor and handled excavating, foundations and handrails.

SUBCONTRACTORS & SUPPLIERS

Ace Wrecking Co., Inc., Silver Spring, MD, demolition; Atlantic Caisson, Glen Rock, PA, piling/caissons; Rudd's Pest Control, Inc., Annapolis, MD, soil poison; Trowbridge Steel Co., Inc., Sterling, reinforcing; T. D. Fraley & Sons, Inc., Alexandria, masonry contractor; Hamilton Iron Works, Woodbridge, steel supplier/erection, miscellaneous metal & handrails; Uni Roof, Inc., Silver Spring, MD, built-up roof; Dodd Brothers, Inc., Falls Church, sound insulation, foundation insulation, gypsum board contractor & special wall finish/Dryvit.

Also, Dale Lumber Co., Inc., Falls Church, millwork; J. R. Cumberland, Inc., Alexandria, fireproofing; AAA Thermal Windows & Doors, Inc., Chantilly, metal doors & frames; Arlington Woodworking & Lumber Co., Inc., Manassas, wood doors; Kawneer Co., Inc., Arlington, windows; Associated Glass Co., Inc., Fairfax, storefront; W. T. Weaver & Sons, Inc., Washington, DC, hardware supplier; Stevens Tile & Marble Co., Inc., Kensington, MD, ceramic tile; Acoustical Ceilings, Inc., Merrifield, acoustical treatment; Southern Maryland Floor Co., White Plains, MD, resilient tile; AAA Decorating Co., Ltd., Springfield, painting contractor & wall covering; Greenwald Industrial Products, Hyattsville, MD, equipment/toilet partitions; Westinghouse Elevator Co., Upper Marlboro, MD, elevator; Perry Supply, Manassas, plumbing fixture supplier; Dwyer Service Corp., Alexandria, plumbing/heating/ventilating/air conditioning contractor; and A & J Electric Co., Inc., Centreville, electrical contractor.



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United States Coast Guard Senior Student Berthing and Ordnance/Damage Control Laboratory Building

MHA, Inc. — Architect

Owner: United States Coast Guard • **Location:** Yorktown, Virginia

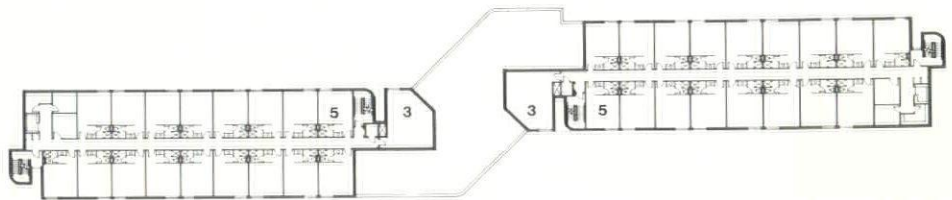
Landscape Architect, LPDA Consortium • **Interior Designer,** MHA, Inc. • **Cost Consultant,** John K. Stonnell Company • **Structural Engineer (Sr. Student Berthing),** Dunbar, Milby & Williams • **Structural Engineer (Ordnance/Damage Control Lab Building),** Fraioli-Blum-Yesselman Associates, Inc. • **Mechanical/Electrical Engineer,** Hankins & Anderson • **Geotechnical Engineer,** Schnabel Engineering Associates • **General Contractor,** Meredith Construction Company, Inc. • **Photography,** Whitney Cox.

Located on a beautiful setting overlooking the York River near Yorktown stands the United States Coast Guard Reserve Training Center. Established in 1959 on the site of the former Navy Mine Warfare School, the original purpose of the Reserve Training Center was to provide a facility where Coast Guard Reservists could receive training during the summer months.

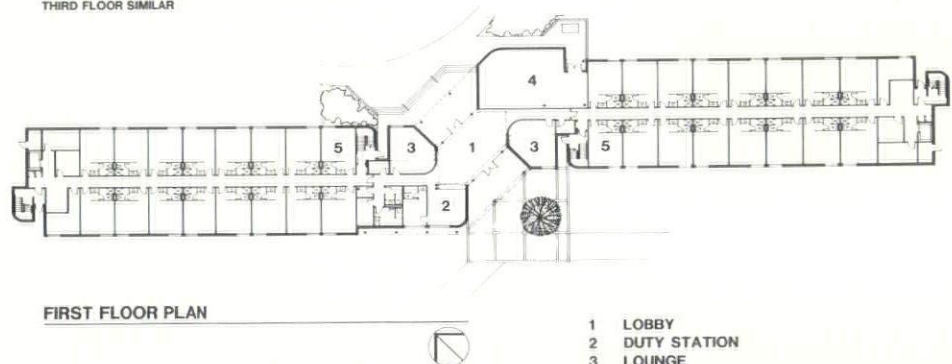
Over the years, a number of schools have been added to the Training Center. As part of a major construction program at the Training Center, and to relocate facilities formerly situated at Governor's Island, New York, MHA, Inc. designed the most recent additions to the complex. Throughout the course of the project, the architect worked closely with Captain William A. Doig, Commanding Officer, United States Coast Guard Reserve Training Center; Commander Helmut E. Walter, United State Coast

Guard, Chief, Facilities Engineering Division; Lt. Commander Richard T. Bartlett, Branch Chief, Northern Branch of Facilities Design and Construction Center (East); and Mr. Richard E. Lane, Contracting Officer, Facilities Design and Construction Center (East).

Completed in 1986, the additions include a senior student housing facility, an officer dining facility and the Ordnance and Damage Control Laboratory Building. The Center provides a permanent residence for twelve schools and support training activities for 8,000 active-service



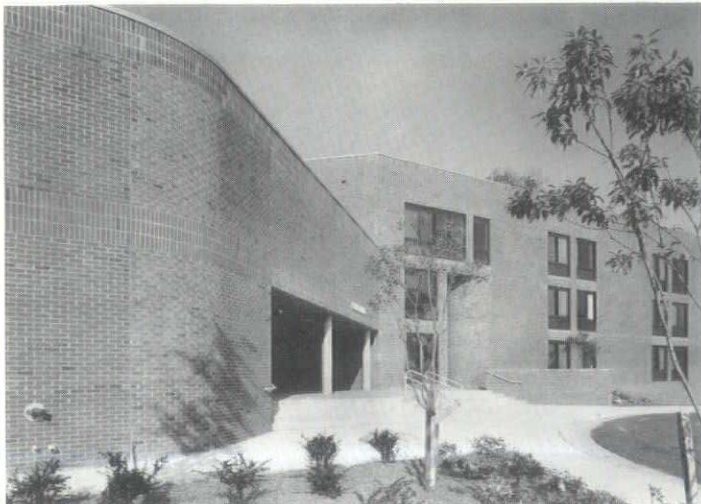
SECOND FLOOR PLAN
THIRD FLOOR SIMILAR



FIRST FLOOR PLAN

- 1 LOBBY
- 2 DUTY STATION
- 3 LOUNGE
- 4 MECHANICAL ROOM
- 5 TYPICAL BERTHING UNIT

SENIOR STUDENT BERTHING



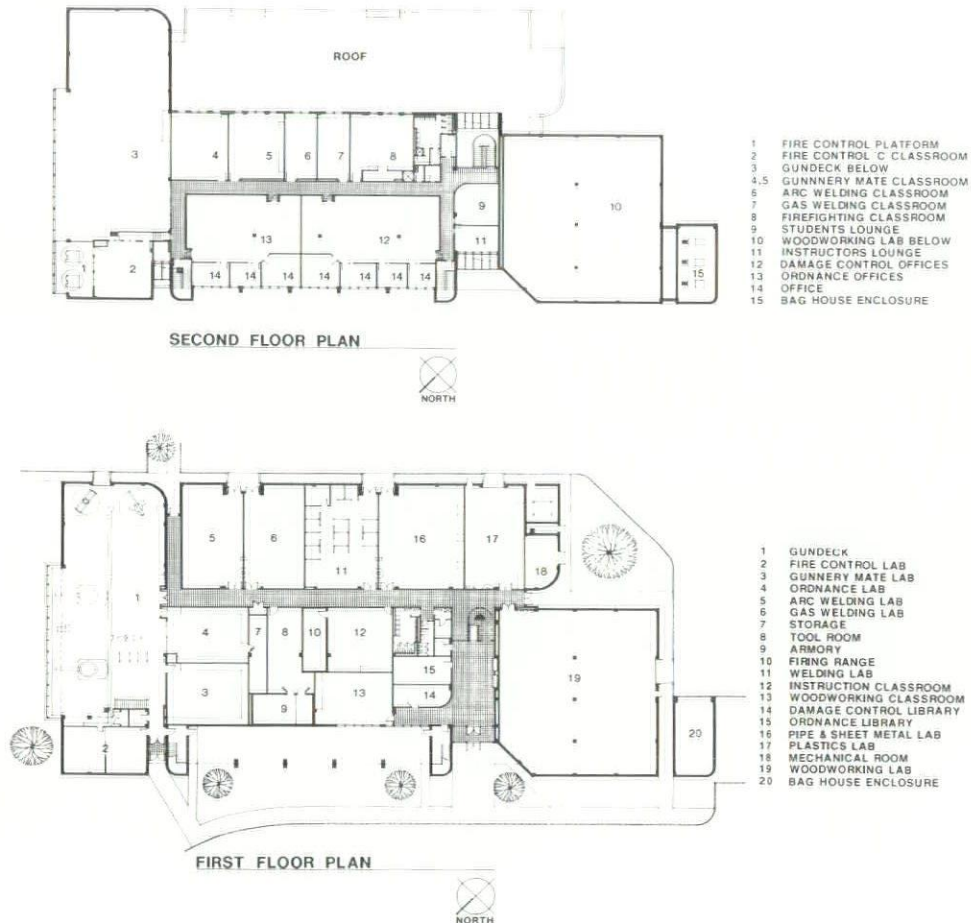
Coast Guard personnel. Thus, having evolved from a small, hastily-constructed World War II facility to a modern educational center, the U.S. Coast Guard Reserve Training Center is capable of progressing with the ever-increasing missions of the Coast Guard.

The senior student housing facility, Cain Hall, is a three-story, 53,300 SF masonry structure pro-

viding 100 double-occupancy rooms with private baths. Cain Hall is named in honor of Lt. Colleen A. Cain, the U.S. Coast Guard's first female HH-52 helicopter pilot, who was killed in the line of duty. The building features roof-mounted solar collectors to assist in heating domestic hot water. Support spaces include an administrative and duty section, general and linen storage, as well as housekeeping, janitorial and mechanical spaces.

Amenities to the facility include lounges for reading, recreation and television viewing, vending machine spaces, decentralized laundry facilities and public toilets. During the dedication ceremony for Cain Hall in October 1985, United States Secretary of Transportation, Elizabeth Dole stated, "This building represents the Coast Guard's on-going effort to provide the best possible training to meet tomorrow's needs."

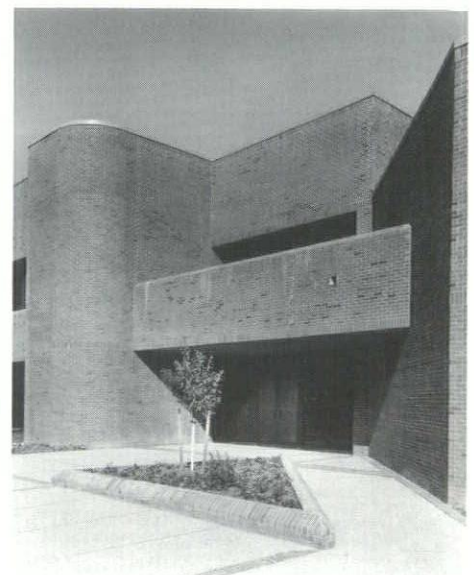
ORDNANCE AND DAMAGE CONTROL LABORATORY



The 7,800 SF officers' dining facility, with full galley and cafeteria-style serving line, provides dining accommodations for 150 people. (This facility will be presented in a later issue of VIRGINIA RECORD.)

The Coast Guard's Ordnance and Damage Control Laboratory Building is a 45,000 SF, two-story steel frame building with masonry facade. The laboratory provides hands-on training for ordnance and damage control personnel. The second floor of the building supports the training function with classrooms, a library, lounge and staff offices.

The Ordnance School, 21,060 SF, features a Gun Deck with deck mounted weapons used by the Coast Guard. These weapons include an operational 5 inch-38 weather-shielded deck gun and an operational 3 inch-50 deck gun. In addition, the Gun Deck accommodates an operational torpedo tube station and 5 inch-38 loading machine. A basement is located under the deck gun and simulates the Upper Handling Room on the second deck aboard ship and the magazine. The operational shipboard fire control computer center and radar-operated "Directors" enable instructors and students to simulate shipboard gunnery drills. To gain experience in operating the Directors and fire control computer equipment during gunnery drills, students occasionally site and track boats traveling along the York River. The Ordnance School is also equipped with an armory, weapons tear-down room and judgmental firing range, and has water-tight doors, simulated ships' ladders and shipboard sprinkler systems, to aid in the realism of the hands-on training exercises. The Damage Control School, 23,940 SF, provides facilities for training personnel in repairing damage to a ship that may occur at sea. Instructors for the Damage Control School train



personnel in the disciplines of firefighting, welding, sheet metal, pipefitting, fiberglass repair and woodworking.

Meredith Construction Company, Inc. of Norfolk was general contractor and handled excavating, foundations, concrete work, foundation insulation, carpentry, structural wood, millwork and gypsum board installation.

The owner, United States Coast Guard, provided weapons and shipboard equipment.

SUBCONTRACTORS & SUPPLIERS

(Norfolk firms unless noted)

Winn Nursery, Inc., landscaping materials & landscaping contractor; Adams Construction

Co., Roanoke, paving contractor, metal doors & frames; Virginia-Carolina Steel, Inc., reinforcing, steel supplier/erection/joists/roof deck/grating, miscellaneous metal & handrails; Benson-Phillips Co., Inc., Newport News, concrete supplier; Bat Masonry Co., Inc., Lynchburg, masonry contractor & wall insulation; Webster Brick Co., Inc., Roanoke, masonry manufacturer/supplier & mortar; Lone Star Industries, Inc. (now Tarmac-LoneStar, Inc.), masonry manufacturer; and Eastern Roofing Corp., built-up roof, roof insulation & waterproofing.

Also, Herrin Brothers Erection Co., Inc., Portsmouth, caulking; Ace Sheet Metal Works,

sheet metal; W. H. Stovall & Co., Inc., Ashland, glass, glazing contractor, windows, window wall, & storefront; Door Engineering Corp., wood doors; H & P Hardware & Specialty, Inc., Portsmouth, hardware supplier; Jayen Tile Corp., ceramic tile & resilient tile; William E. Brown Corp., Chesapeake, acoustical treatment; Cherry Carpet, Portsmouth, carpet; Top Painting Co., Hampton, painting contractor; Pittsburgh Paints Service Center, Hampton, paint supplier/manufacturer; Wolfgang, wall covering; Atlantic Sprinkler Co., sprinkler contractor; Pittman Mechanical Contractors, Inc., plumbing/heating/ventilating/air conditioning contractor; Lightolier, Jersey City, NJ, lighting fixtures supplier; and Dorey Electric Co., electrical contractor.

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Pamunkey Regional Library
currently featured

Rockville Branch, Pamunkey Regional Library

Marcellus Wright Cox and Smith Architects

Owner: Pamunkey Library System • Location: Rockville, Virginia

Project/Architect/Designer, Edward A. Smith, III, AIA • Interior Designer, MWC&S • Cost Consultant, Arthur Sisca • Structural Engineer, McKinney & Walker • Mechanical/Electrical Engineer, Wickins and Watson • General Contractor, Nu-Way, Inc. • Photography, Whitney Cox.



The Rockville Branch of the Pamunkey Regional Library System was secured through the generous gift of land and building by Mr. & Mrs. J. Harwood Cochrane. The former site of the branch library system that served the western part of Hanover County was housed in an overcrowded frame building in need of structural repair. It was felt by Mr. & Mrs. Cochrane that the library was, even in its questionable condition, an important part of the community. Their vision of a new library building and their generous gift foresaw an increased use of the library and a strengthening of the sense of community which the old library had inspired.

It was the intent of the design from the beginning to foster a sense of community, help develop pride in the constituents of this branch, and to make a trip to the library "fun." The architectural design was intended to recall some of Virginia's architectural heritage, present the image of a "public" building in the community, and to contain excitement and surprise within.

The result: an exterior facade that is associated with traditional buildings but that manipulates classical forms in a modern way. The center Doric columns are set in antice, however, in an untraditional way which supports an oversized archway. The hipped roof is topped with what appears to be four chimneys. Between the chimneys a Chippendale railing, or widows walk, disguises the large clerestory section of the building. The corners of the building are not squared and repeat the playfulness of the center section set in antice.

The 3,600 square foot interior houses 8,500 volumes and is divided into adult and childrens sections, each with independent stacks and reading areas. A multipurpose room for meetings, conferences, movies, etc. was included in the design to serve those functions without disrupting everyday traffic and quiet areas.

Spaces have been provided for the display of new books and periodicals, microfiche, receiving, storage, and an employees lounge. The main desk, including the computer terminal and typing area, is lit from above by the clerestory windows and indirect lighting.

There is a feeling of openness and a surprise of light when a visitor enters the building. The squat, low exterior facade deceives visitors as was the intention of the design. The interior also contains several classical elements such as Doric columns, cross and panel doors,

moldings, reminiscent Windsor chairs and traditional reading tables. The arrangement, however, is far from traditional, with open flexibility and one common high-ceilinged area rather than clearly defined and walled areas. The areas are separate in function, but that separation is more implied than physically implemented. It is hoped that such an arrangement will allow for future expansions, to accommodate changing demands and needs, without costly physical renovations.

The American Library Trustee Association (a section of the American Library Association) honored the Cochranes with a Major Benefactors Award in 1984 for their generosity.

Nu-Way, Inc. of Mechanicsville was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)
W. T. Curd, Jr. Contractor, Inc., Chester, clearing & earthwork; Stockner's Rockville Nurseries, Rockville, landscaping, planting trees &

shrubs; O. Dale Breedlove, Mechanicsville, masonry contractor; Browning Steel Co., Inc., steel supplier; Hanover Fabricators, roof deck & trusses; James H. Carr, Inc., Kensington, MD, Monitor two-way truss; Woodworking Specialist Co., Inc., carpentry, millwork, wood doors & windows; Tri-City Insulation, insulation; and B & W Roofing, Bowling Green, slate shingles & flashing, terne metal work, gutters & downspouts.

Also, Pleasants Hardware, finish hardware & toilet accessories; American Door & Glass, glass & glazing; Manson & Utley, Inc., acoustical ceiling & resilient flooring; P. W. Arthur Painting & Decorating, painting; James G. Thayer, metal toilet partitions; Roanoke Engineering Sales Co., Inc., hand fire extinguishers & appliances; Flowers School Equipment Co., Inc., miscellaneous specialties; Shepardson Mechanical Corp., plumbing; Gammon Well Co., Inc., Providence Forge, well system; Lyttle Utilities, Inc., sanitary system; Davenport Mechanical Co., mechanical; and Mark Electric, Inc., electrical.



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Clopper Mill Elementary School

SHWC, Inc. — Architects

Owner: Montgomery County, Maryland Public Schools • **Location:** Germantown, Montgomery County, Maryland

Project Architect/Designer, Jeryl Jordan • **Landscape Architect,** Kilduff Nagy Associates • **Interior Designer/Cost Consultant,** SHWC, Inc. • **Site Engineer/Surveyor,** Macris Hendricks Whitmer • **Structural Engineer,** Donald Lewis Power • **Mechanical/Electrical Engineer,** WEDGCO • **Geotechnical Engineer,** STS Consultants • **General Contractor,** Jesse Dustin and Son, Inc. • **Photography,** Stewart Bros., Inc.

Clopper Mill Elementary School, for Montgomery County Public Schools, was awarded to SHWC, Inc. on design competition. The main concerns were to achieve an innovative, functional, and energy efficient response to the educational needs of the area. Through the "on-site" design with the input of teachers, parents, and staff, the architect was able to define more clearly the community's wants and desires for their school.

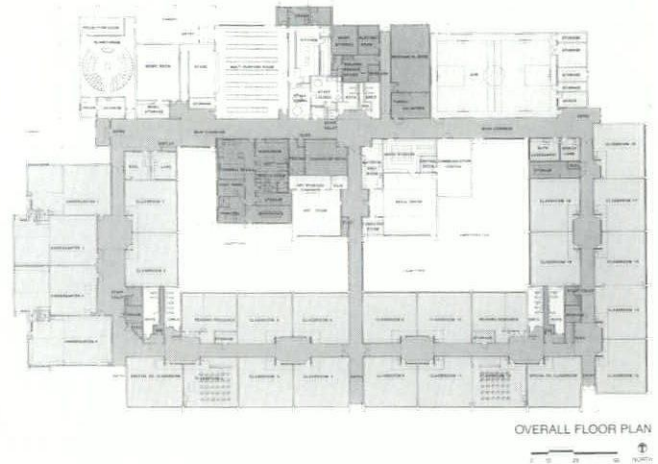
Located on an eight-acre site, which slopes over 40 feet, the school sits adjacent to a park and residential community. The site design provides for a bus drop-off which is separated from the teacher and parent drive to insure safety of the children. Two ball fields, a macadam play area, and tennis courts are also provided for student and community use. Because of the obvious community involvement in their school, Montgomery County Public Schools asked that the school be designed in such a way as to allow both day and evening use by the community. To minimize disruption during school hours, the areas most likely to be used by the community—including the gymnasium, multipurpose room, and meeting rooms—were

all totally separated from the classroom areas by the main corridor.

The use of several sunscoops using a southern exposure created one of the responses to energy efficiency as well as creating the main design feature of the school. Several of the sunscoops are located over the entry to four classroom areas to introduce natural light into the space. On the exterior, the sunscoops create a residential "roofscape" in order to integrate the scale and proportions of the building into its neighborhood setting. Graphics in these sunscoops depict the change of seasons, and by defining certain areas of the building, serve as an innovative as well as educational use of graphics and color. The main color in each sunscoop forms a color wheel as one travels through the school. These colors are then transferred from the sunscoops to the casework and millwork in the four classroom areas.

In addition to the sunscoops the school uses overhangs and careful planting of deciduous trees to enhance the energy efficiency. The school is also equipped with dimming devices to take advantage of the natural light during the





day. Natural ventilation during the comfortable seasons was also incorporated through the use of operable windows.

The 65,962 square foot elementary school incorporated two interior courtyards and a separate kindergarten play area as part of the educational program. One of the courtyards is supplied with an amphitheatre for instructional and art presentations. Cost of construction for this project was \$5,090,000. Construction started in June 1985 and was completed in August 1986, with school in session since September 1986.

Jesse Dustin and Sons, Inc. of Rockville, Maryland was general contractor and handled carpentry, structural wood and waterproofing.

SUBCONTRACTORS & SUPPLIERS

Gregory Excavating, excavating; Capitol Concrete Pipe Co., Laurel, MD, piling; Greenbriar

Farms, landscaping materials & landscaping contractor; A. H. Smith, Branchville, MD, paving contractor; D & R Concreters, Silver Spring, MD, foundations & concrete contractor; Bocker Mfg. & Supply, York, PA, reinforcing; Genstar Stone Products Co., Frederick, MD, concrete supplier; A. Myron Cowell, Inc., Gaithersburg, MD, masonry contractor; Murray Brothers, masonry manufacturer; United Materials & Services, Inc., Springfield, masonry supplier; Steel Suppliers, Inc., Hagerstown, MD, steel supplier, miscellaneous metal & handrails; and Ditto Erectors, steel erection & steel joists.

Also, Raintree Roofing, built-up roof; Johns-Manville, roofing; Owens-Corning, roof insulation; DOW, wall & foundation insulation; Ivan C. Dutterer, Inc., Hanover, PA, millwork & wood doors; LSI Corporation, cabinets; TREMCO, caulking; CMC Sheetmetal, Capitol Heights, MD, sheet metal; Ridgeview Glass, Inc., Forestville,

MD, glass, glazing contractor & storefront; Phillips Manufacturing, metal doors & frames; EFCO, windows; Kalwall Corp., Manchester, NH, window walls; Fries Beall & Sharp, Springfield, hardware supplier; Kubas Drywall Systems, Inc., Frederick, MD, gypsum board contractor; Dal-Tile, ceramic tile; NABCO Glazed Products, Emigsville, PA, structural (glazed) tile; Bode Floors, terrazzo; DACCO, acoustical treatment; Azrock, resilient tile; Bigelow, carpet; Tarkett, special flooring; Columbia Decors, Columbia, MD, painting contractor, paint supplier; Sherwin Williams Co., Williamsburg, paint manufacturer; Shelly Kitchen Equipment, equipment; Hub City Sprinklers, sprinkler contractor; R. W. Warner, Inc., Frederick, MD, plumbing fixture supplier, plumbing/heating/ventilating/air conditioning contractor; and Chipman Electric Co., Inc., Brentwood, MD, lighting fixtures/electrical equipment supplier & electrical contractor.

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DePasquale & Associates — Architects

Owners: Mr. and Mrs. James Latimer • **Location:** Richmond

General Contractor, Maynard Construction Company • **Photography,** DePasquale & Associates.

PROGRAM

This addition, a mother-in-law's suite for an elderly woman was of limited size and scope. Functionally, the requirements included only sleeping quarters with a private outside entrance, a bathroom, and a vestibule connecting the suite to the existing house. Formally, the addition was intended to be another "part" of a house composed of several such small parts, creating the same feeling of the prominence of individual elements found in the main house.

SITE

The house is located in a residential neighborhood within a major urban area. The neighborhood is an eclectic collection of high quality "magazine style" houses dating from the early twentieth century. The house itself occupies the middle of the lot, surrounded by trees and shrubs at the front and sides. Its identity draws heavily upon elements of Spanish Revival architecture.

DESIGN SOLUTION

The design of the addition emulates the existing house in its form, materials, and elements, ensuring compatibility and preserving the character of the original. The suite is set back from the main body of the house in a stepped fashion, creating another break or "part." Like the existing house, the addition is covered in stucco. The entrance to the suite is a post-modern reflection of the front entrance, but it is less prominent to prevent conflict between the two elements. Inside, the consistent use of mediterranean gothic arches responds to their use as a design element elsewhere in the house.

The plan is divided into two zones: the bedroom provides ample space for the resident's accumulated belongings, while the bathroom and vestibule, both entered through a permeable storage "walk," round out the program. The arched openings in this wall further differentiated between the two zones. The arches, the sloped ceiling, and the wall clerestory high on the north wall, all add interest to this simple space. Ultimately, form,

materials, and individual elements all coalesce to ensure harmony and unity between the original house and the new addition.

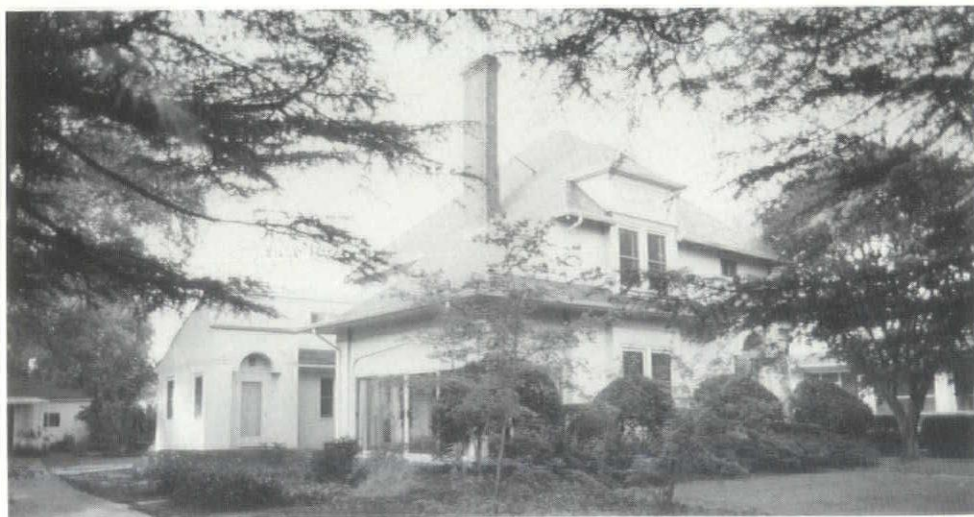
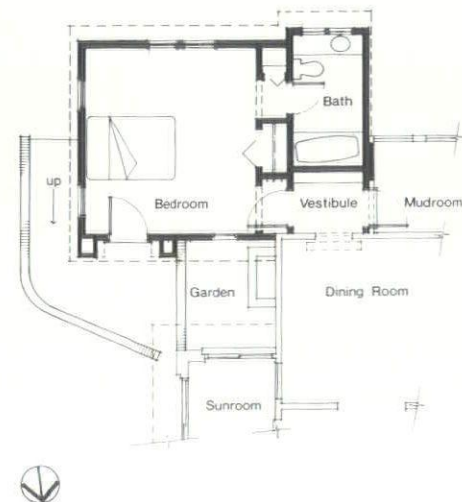
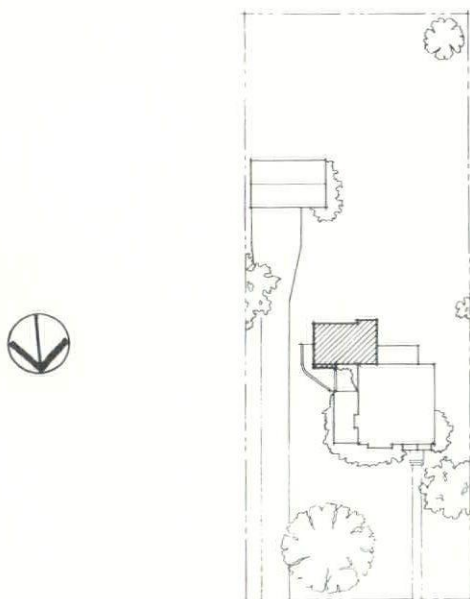
CONSTRUCTION CREDITS

Maynard Construction Company of Walkerton, was general contractor and handled excavating foundations, concrete work, and carpentry.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)
Bowker & Roden, Inc., reinforcing; Massey Concrete Corp., concrete supplier; Robert Lewis Walsh, Ashland, masonry contractor; Southern Brick & Supply Co., Inc., masonry supplier & mortar; A & M Roofing Co., built-up roof & other roofing; Southern Insulators, Inc., Midlothian, roof insulation & wall insulation; Massey Builders' Supply Corp., structural wood; and Ruffin & Payne, Inc., millwork, wood doors & windows.

And, Hollins Brothers, Inc., Mechanicsville, cabinets; E. S. Chappell & Son, Inc., Mechanicsville, caulking; Pleasants Hardware, hardware supplier; Steve Previs Contractor, plaster & gypsum board contractor; H. E. Satterwhite, Inc., ceramic tile; Costen Floors, Inc., hardwood flooring; City Wide Decorators, Inc., painting contractor & paint supplier; R. J. Tilley Plumbing & Heating, Inc., Ashland, plumbing fixture supplier & plumbing contractor; Atlantic Electrical Supply Corp., lighting fixtures supplier; R. H. Cosby Electrical Contractors, Inc., heating/ventilating/air conditioning/electrical contractor.

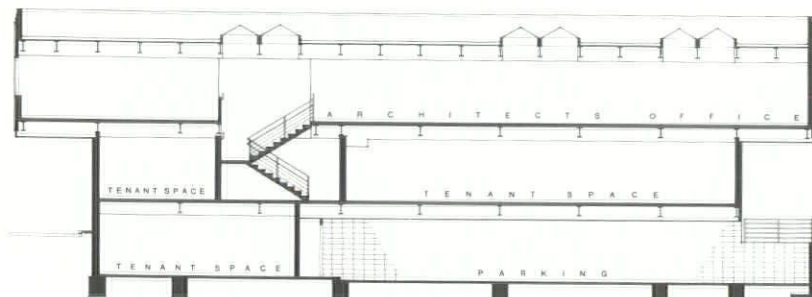


3440 Office Building

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

Owner: Sheridan, Behm, Eustice and Associates, Ltd. • Location: Arlington

Project Architect/Designer, F. E. Sheridan • Landscape Architect, J. R. Rupert • Interior Designer, M. L. Albert • Site Engineer/Surveyor, Schiller & Associates • Structural Engineer, Meyer Associates • Mechanical/Electrical Engineer, Gormley/Wareham Associates • Geotechnical Engineer, Washington Testing, Inc. • General Contractor, Dittmar Company • Photography, D. Brown.



LONGITUDINAL SECTION

The architectural firm of Sheridan, Behm, Eustice and Associates, Ltd. purchased a remnant of property from Metro (Washington Metropolitan Transit Authority), one block from the Virginia Square/George Mason University Metro Campus metro station, on the corner of Fairfax Drive and Kansas Street.

The problem was to design the maximum practical space possible, for their office and some tenant space, on a site of 7,200 SF with five easements: a surface easement of 1,319 SF, and two underground easements of 1,474 SF.

The solution was a 6,200 SF gross building area consisting of three levels, and a total of 17 parking spaces. The ground floor has a small office of 500 SF. This level has seven under cover parking spaces and five surface spaces off Fairfax Drive. The first floor has 2,000 SF of office space with five surface parking spaces off Kansas Street. The third floor has a total area of 3,500 SF.

The 3440 Office Building had to be designed around two metro air intake and exhaust shafts,



and could not impose a surcharge against these air shafts. This was accomplished by removing five feet of soil which equaled the weight of the building (therefore no surcharge).

The building, which was completed on June 1, 1986, is of structural steel frame, composite slab, with heat cables in the floors over the parking area. The exterior is of black brick and solar glass. This glass is one-quarter inch solar cool gray spandrel and one-quarter inch solar cool vision.

HVAC is heat pump. The air handler on the first floor has a condensing unit on the roof, and the second floor has rooftop heat pump units.

Dittmar Company of Vienna was general contractor and handled excavating, paving, foundations, concrete work, masonry work, carpentry, painting and plumbing installation.

SUBCONTRACTORS AND SUPPLIERS

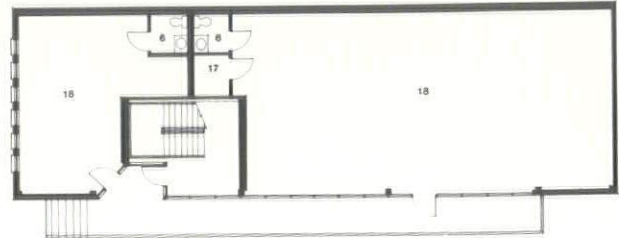
Merrifield Garden Center & Nursery, Merrifield, landscaping materials; Bocker Steel, Baltimore, MD, reinforcing; Falcon Materials, Inc., Sterling, concrete supplier; Endicott Dark Ironspot, Fairbury, NE, masonry manufacturer; Potomac Valley Brick & Supply Co., Newington, masonry supplier & mortar; Arlington Iron Works, Inc., Manassas, steel supplier/joists/roof deck, miscellaneous metal & handrails; Virginia Roofing Corp., Alexandria, built-up roof & roof insulation; and A. C. & R. Insulation Co., Inc., Beltsville, MD, wall insulation.

Also, Airtight Waterproofing, Inc., Vienna, caulking; U. S. Glass & Mirror, Inc., Chantilly, glass & glazing contractor; Herndon Lumber & Millwork, Inc., Gainesville, metal doors & frames & wood doors; C & S Construction Products, Inc., Edgewood, MD, skylights; Kawneer Co., Inc., Arlington, storefront; W. T. Weaver & Sons, Inc., Washington, DC, hardware supplier; Sanford Co., Arlington, gypsum board contractor & acoustical treatment; Armstrong World Industries, Merrifield, resilient tile; B & D Carpet Shop, Washington, DC, carpet; Duron Paints & Wallcoverings, Arlington, paint manufacturer; John Kelly & Associates, Annandale, specialties; Ferguson Enterprises, Inc., Herndon, plumbing fixture supplier; Condon-Reed, Merrifield, heating/ventilating/air conditioning contractor; Joseph M. Catalano Co., Inc., Falls Church, lighting fixtures supplier; Trane, Inc., Charlotte, NC, electrical equipment supplier; and L. T. Bowden, Inc., Chantilly, electrical contractor.

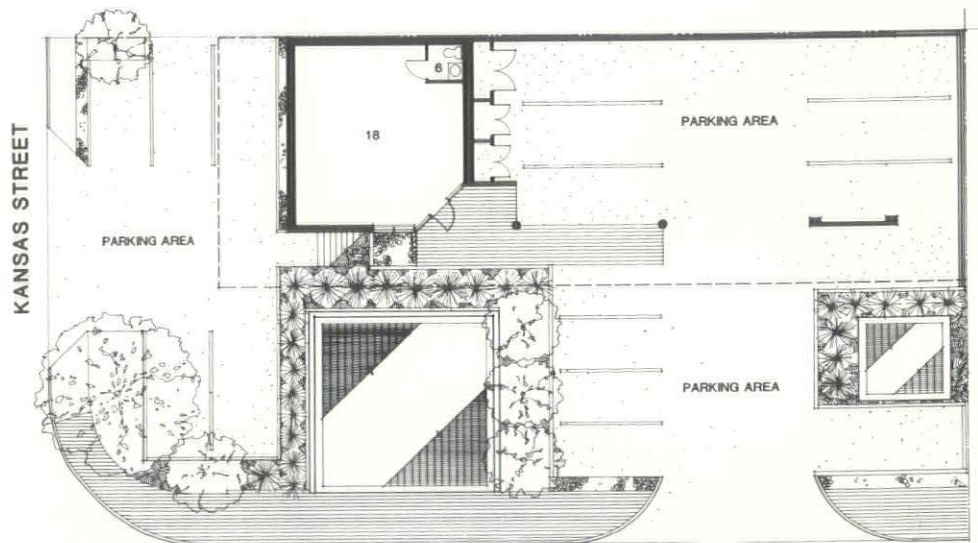
- KEY
- 1 SECRETARY/RECEPTION
- 2 WAITING AREA
- 3 BOOKKEEPER
- 4 OFFICE
- 5 CONFERENCE
- 6 TOILET
- 7 SHOWER
- 8 JANITOR'S SINK
- 9 FILE STORAGE
- 10 CATALOG STORAGE
- 11 COATS
- 12 KITCHEN
- 13 DUPLICATION
- 14 DRAFTING STATION
- 15 COMPUTER STATION
- 16 WORK SPACE
- 17 CLOSET
- 18 TENANT SPACE



SECOND FLOOR PLAN / ARCHITECT'S OFFICE

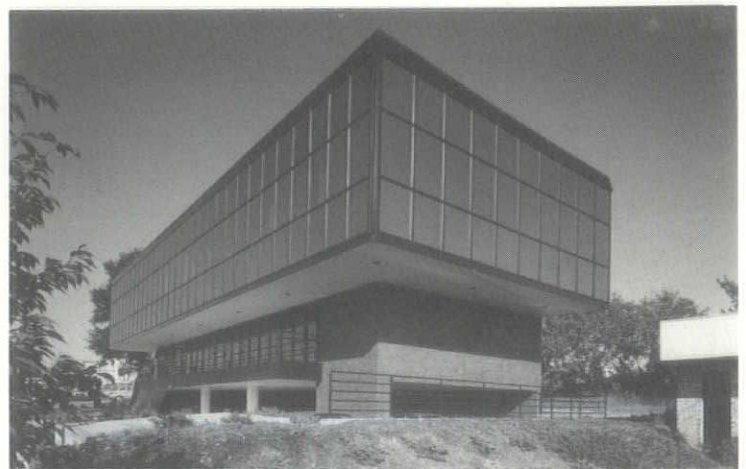


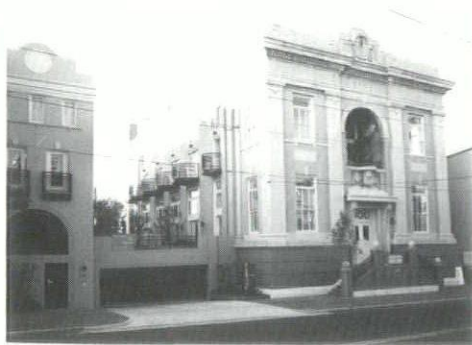
FIRST FLOOR PLAN



GROUND FLOOR PLAN / SITE PLAN

FAIRFAX DRIVE





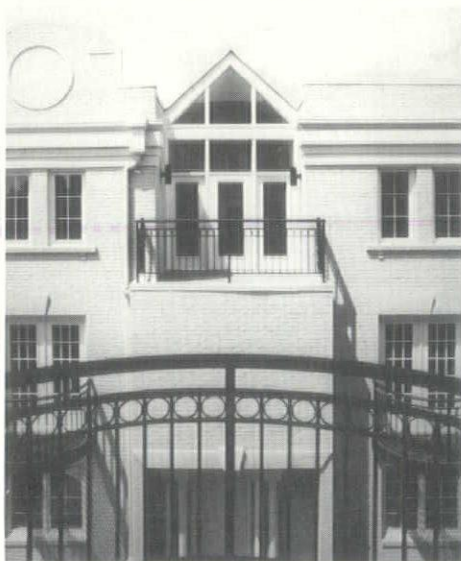
Prince Street Club

Donald, LeMay & Page, P.C. — Architects

Owner: Prince Street Development Corporation • Location: Alexandria

Associated/Consulting Architect, Walter A. Brown, AIA • Project Architect/Designer, Jared D. Willcox, AIA • Landscape Architect, Andy Balderson • Interior Designer, Linda Wadell • Site Engineer/Surveyor, Kephart & Chan • Structural Engineer, FDE, Ltd. • Mechanical/Electrical Engineer, GNM, Associates • General Contractor, Prince Street Development Corporation • Photography, Michael C. Bricker.





PROGRAM

The adaptive re-use of an architecturally and historically significant building is particularly challenging in Alexandria's Old Town when the opportunity is also presented for the design of a compatible addition to the structure. The Prince Street Club, located at 318 Prince Street involved the re-use of the Elks' Lodge, originally built near the turn of the century. The program called for the Lodge to be adapted to accommodate nine townhouses and for design of an adjacent structure in which two additional townhouses are located. The one-story link between old and new serves to provide covered parking and a landscaped courtyard one level above Prince Street.

CONCEPT

The concept that inspired the design solution involved bringing the scale of Prince Street, that is the human scale typical of Old Town generally, to the interior of the complex. This concept was the vehicle through which several design issues were related. First, by comparison with the neighboring buildings, the existing building is a monumental structure. A design solution was therefore desired that would visually break down the scale of the building. Second, it was felt by architect, client and community that the building's significance, architecturally and culturally, should be recognized by restoration of the exterior and that visually the building should maintain its identity, independent of additions. Third, the problem of providing a degree of privacy for the residents while at the same time, recognizing the pleasant active character of streets in Alexandria.

DESIGN SOLUTION

Given these challenges, the design solutions constituted the restoration of the Elks' Lodge exterior, redesign of the interior, and design of a new structure linked to the old by an above grade courtyard.

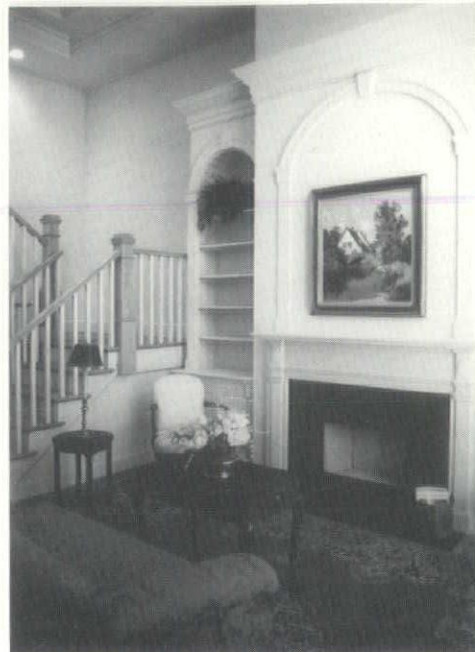
The exterior of the building was cleaned, damage repaired and replacement windows

installed. The formerly red brick facades were then painted in soft grey tones to visually reduce the building's mass and separate it from the surrounding brick building of smaller size. On the interior, nine townhouse units and a common lobby was designed. The existing structure was used throughout and supplemented as required. Where possible, the existing structural columns and capitals became architectural features of the new interiors.

The new building, which contains two units has been designed to complement without copying the existing building. Painting the same grey to identify it with the existing building, its smaller scale serves to relate the Prince Street Club to its neighbors.

Each residence in both buildings faces the courtyard, or pedestrian street which links them. Careful attention has been given to architecturally expressing the relationship between city street and private courtyard, between indoors and out. Each residential entrance had been designed at a scale and with a level of detail which suggests the townhouse street frontage characteristic of Old Town. Entry foyers and living areas rising a full two stories relate the volume of the courtyard with its vertical quality to each residence. In the courtyard, brick paving and full landscaping recreate the scale and character of Alexandria. The height of the facades is broken down by the articulation of the new facade and by the use of cast iron balconies which break up the vertical plane of the existing facade and from a visual ceiling over the courtyard.

This semi-private, above grade courtyard truly serves as a link in all directions due to a mutually beneficial relationship formed by the Prince Street Development Corporation, and the City of Alexandria. The developer worked with the city to obtain an easement in order to provide direct access for the residents from above grade courtyard. In return for the easement, the devel-



oper provided new paving with handicapped access, planting and playground facilities for a neighborhood public park directly behind the new development.

NEW BUILDING CONSTRUCTION

The new building has a steel frame substructure combined with masonry shear walls to permit conventional wood construction above courtyard level. The courtyard structure, which abuts the structure of the existing building and bears on the steel framing of the new addition, consists of a composite concrete beam slab system covered with brick pavers.

The facility was completed in September 1986.

CONSTRUCTION CREDITS

The Owner, Prince Street Development Corporation, of Alexandria, acted as general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

All Seasons Landscaping Co., Silver Spring, MD, landscaping materials; Lisbon Concrete Corp., Springfield, foundations & concrete contractor; J & J Ironworks, Clinton, MD, reinforcing, steel supplier/erection/grating; Sanaker Construction, masonry contractor & stonework contractor; Pioneer Roofing & Construction, Alexandria, roofing & roof insulation; Discount Insulation, Burke, wall & foundation insulation; and Kitchen Center, Alexandria, cabinets.

Also, Barber & Ross Co., Leesburg, glass, glazing contractor, wood doors, windows & window wall; Monumental Construction & Molding Co., Washington, DC, plaster contractor; Rowan Construction Co., Reston, gypsum board contractor; Skyline Paint & Hardware, Inc., Roanoke, painting contractor (Duron paints); Commonwealth Enterprises, Falls Church, plumbing contractor; E. K. Pickett, Alexandria, heating/ventilating/air conditioning contractor; and James R. Harris, Inc., Alexandria, electrical contractor.

FOR THE RECORD

Keogh is State's New Economic Development Director

Governor Gerald L. Baliles announced that he has appointed Hugh D. Keogh, President of "Forward Hampton Roads," as the new Director of Virginia's Department of Economic Development. He joins the Department April 16.

The Governor said Keogh's experience in both regional and international development will provide Virginia's economic development programs with a perspective that reflects priorities for expanded markets and international trade opportunities.

Keogh succeeds Scott Eubanks, who recently resigned to accept a position in his home state of Texas.

"Forward Hampton Roads" is the economic development arm of the Hampton Roads Chamber of Commerce. Its purpose is to attract new business and industry to the Hampton Roads area, and to increase the diversification of the economy while complementing military activities that are also part of the economy. Keogh

has served as "Forward Hampton Roads" President since 1985.

Some of the recent economic development activities in which "Forward Hampton Roads" has played a key role are the Lillian Vernon development in Virginia Beach, and the Hills Brothers Coffee, Inc. facility in Suffolk.

Prior to serving as President of "Forward Hampton Roads," Keogh was the Deputy Director of the Virginia Department of Economic Development, responsible for public relations and marketing. Prior to that he was the Director of International Development for the National Association of State Development Agencies in Washington, D.C., responsible for organizing export promotion and foreign investment attraction programs.

Mr. Keogh holds a B.A. in political science from the University of Virginia and an M.S. in mass communications from Virginia Commonwealth University. He is married and has four sons and two daughters. The Keoghs reside in Virginia Beach.

Tate recognized for Completion of Professional Development Program

Robert L. Tate Jr., CPCU, CLU, AIM, resident vice president of the Richmond branch of The Harleysville Insurance Companies, has been recognized by the American Institute for Property and Liability Underwriters and The Society of Chartered Property and Casualty Underwriters for completing the necessary requirements in the Continuing Professional Development Program.

The program was adopted by the American Institute and the Society to recognize those CPCUs who participate in continuing education programs. Special criteria were established to be met every three years to receive the organization's recognition.

Tate joined Harleysville in 1956 as an underwriter in the Richmond office. He was named branch office manager in 1967 and appointed resident vice president in 1980.

He resides in Richmond with his wife, Janice. They have five children.

The Harleysville Insurance network has operations in 23 states, providing a variety of insurance-related products and services, including property, casualty and life insurance, excess and surplus lines brokerage services, and other financial services. Property and casualty insurance coverages are marketed through approximately 5,000 independent insurance agents.

Virginia Wines Win in Two Competitions

Virginia wines recently captured an impressive collection of awards at two of the largest wine competitions in the country, according to Lou Ann Ladin, wine marketing specialist of the Virginia Department of Agriculture and Consumer Services.

At the seventh Annual Atlanta International Wine Festival October 10-12 three Virginia wineries brought home two silver medals and one bronze. Shenandoah Vineyards of Edinburg took a silver for their non-vintage Blushing Belle. Only four silvers were awarded in the class. Oakencroft Vineyard and Winery of Charlottesville earned a silver for Seyval Blanc 1985, with only three silvers given in the class. Montdomaine Cellars of Charlottesville took a bronze for Chardonnay 1984 with only 16 awards given in a field of 96 entries in the under \$10 category. There were 1,620 entries in the competition.

At the Tenth International Eastern Wine Competition sponsored by Vineyard & Winery Management Magazine in Watkins Glen, New York, Virginia wines carried home a total of 31 awards: six silver medals, 13 bronze medals and 12 quality awards.

The big winner was Oasis Vineyards of Hume with eight awards. The Fauquier County winery took one silver each for Merlot 1983 and Chelois 1984; bronze medals for Extra-Dry non-vintage Domaine de la Venne Champagne, Brut non-vintage Methode Champenoise Champagne and Chelois 1983; and quality awards for Chardonnay 1985, Cabernet Sauvignon 1983 and Cabernet Sauvignon 1984.

Ingleside Plantation Vineyards of Oak Grove in Westmoreland County won four awards: a silver for Chardonnay 1985, bronzes for Brut non-vintage Champagne and Chardonnay 1985 Special Reserve and a quality award for Chesapeake Blanc 1985.

Meredith Vineyards of Middleburg took a silver for Harvest Red 1985, bronze for Seyval Blanc 1985 and Chardonnay 1984 and a quality award for Cabernet Sauvignon 1983. Piedmont Vineyards of Middleburg won a silver for Chardonnay 1984 and two quality awards for Seyval Blanc 1983 and Semillon 1984.

Montdomaine Vineyards of Charlottesville captured two bronzes for Merlot 1984 and Chardonnay 1984 and two quality awards for White Riesling 1984 and Cabernet Sauvignon 1984. Oakencroft Vineyard of Charlottesville won a silver medal for Chardonnay 1985 and a bronze for Seyval 1985. Burnley Vineyards of nearby Barboursville won a bronze for Chardonnay 1985 and a quality award for Cabernet Sauvignon 1984.

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Prince Michel Vineyards of Culpeper took three awards: two bronzes for Pinot Noir 1985 and Chardonnay 1985 and a quality award for White Riesling 1985. Chateau Morrisette of Meadows of Dan won a quality award for Seyval 1984 Select.

In many classes such as the Chardonnay and Cabernet Sauvignon, Virginia wineries were competing directly against such established California names as Sterling Vineyards, Mirasou and Guenoc.

The International Wine Competition held in September attracted 1,145 wines for 222 wineries from 26 states and three provinces. According to the recently released results, a total of 37 gold, 135 silver and 314 bronze medals were awarded. With such intense competition, Virginia can indeed be proud of her showing.

Beer Connoisseurs Choose Virginia Brew

Virginia's only native beer has been voted among America's top 10 connoisseur beers at the fifth annual Great American Beer Festival in Denver, Colorado. Chesbay Schooner Doppelbock, a product of the Chesapeake Bay Brewing Company, took seventh place in a field of 123 beers at the October festival, sponsored by the American Homebrewers Association.

Of the 43 breweries represented, Chesapeake Bay Brewing had the only double bock, a dark, full-bodied lager which is fermented twice and sold only in kegs. The Virginia Beach-based brewery also produces and bottles a Munich-style lager called Chesbay Amber and a German pilsner, Chesbay Gold.

The Chesapeake Brewing Company, which introduced Chesbay in July 1984, was purchased by Michael Hollingsworth in September 1986. The new owner says he's delighted with the seventh place showing at the festival and has big plans for the brewery. "The beer was so well received at the Denver Festival that we're developing a network of distributors to market the beer in California and Colorado as well as the east coast," Chesbay, now distributed in Virginia, North Carolina, and New Jersey, will be available from the Carolinas to Massachusetts by early 1987 according to Hollingsworth.

Chesapeake Bay Brewing Company currently brews 5,200 barrels a year. Plans call for doubling the brewery's capacity in 1987.

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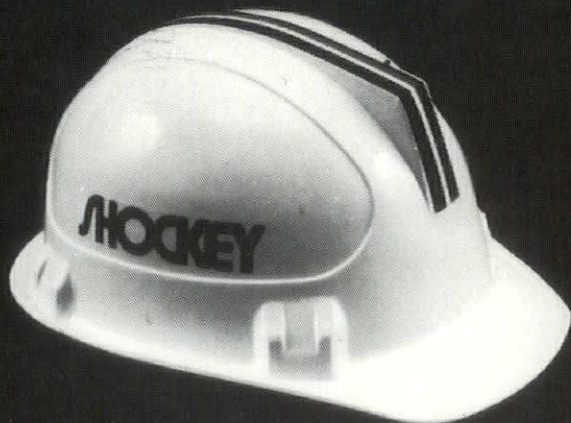
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Virginia Beach Firm Earns National Award


Indusco Corporation, of Virginia Beach, has been recognized as one of the top distributors in the nation for Alloy Rods Corporation welding products at the National Welding Supply Association convention in Seattle.

Indusco Corporation received Alloy Rods' \$500,000 Plus Award. This year, Indusco Corporation was one of only 18 companies to earn sales recognition from Alloy Rods Corporation during the Association's annual meeting.

Alloy Rods Corporation of Hanover, Pennsylvania is one of the largest producers of welding consumables in the United States. The company is an industry leader in the manufacture and sale of gas shielded flux cored wire, as well as low hydrogen, low alloy electrodes, stainless steel electrodes and other quality filler metals.

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New Aviation Museum

William G. Aldridge has been named Managing Director of the Virginia Aviation Museum. The Freedlander Wing, currently under construction at Richmond International Airport, is first of a multi-phase development. This announcement was made by Morton Lester, President of Virginia Aeronautical Historical Society, the museum's sponsoring organization.

According to Lester, Aldridge, a native Virginian and active pilot who attended the University of Richmond, is no stranger to museum management. In 1978, after earlier service with Douglas Aircraft Company ranging from California to Africa, Aldridge became Executive Director of the Donald Douglas Museum and Library in Santa Monica, California, a post he held for several years.

Aldridge recently returned to this state after a long and varied career. His latest assignment was that of Vice President and Resident Manager for an American oil company in Bangkok, Thailand. He resides in Warsaw, Virginia near his historic family farm—Bladensfield, and is pleased that commuting to his new duties takes him past the scene of his earliest solo just off of the Mechanicsville Turnpike.

Development of the Virginia Aviation Museum is well underway. "With the way things are going," Aldridge explained, "we should be ready for visitors this spring."

Although the museum is being built at the former Byrd Airport, the sponsoring organization, Virginia Aeronautical Historical Society (VAHS), is currently based in nearby Ashland and has a membership approaching one thousand. Money for this stage of museum construction was raised statewide. To date over a half million dollars have been paid or pledged. The Freedlander Wing is named in honor of major contributors.

Founded some 10 years ago, the VAHS has more than a dozen historic aircraft to be hangared in the new facility, with others available for display as space permits. Included in the collection are the only known airworthy French SPAD VII fighter from WW I, the only surviving Vultee V-1 transport from the 1930s a Pitcairn Mailwing, a 1932 Taylor E-2, a 1945 Piper J-3, and a Standard E-1 training plane from WW I. Also included are a Henderson-powered 1929 Heath Parasol, a homebuilt Flaglor Scooter, a mint-condition 1936 Fairchild F-24G, a Pitts S-1 aerobatic biplane, a Ford-powered Pietenpol Air Camper, 1939 Stinson SR-10G Reliant, 1927 Travel Air 2000, 1932 Aeronca C-2-N Deluxe, and a 1929 Curtiss Robin. These aircraft, now in storage at several airports around the state and representing important decades of aviation history, are soon to be transported by crews of dedicated volunteers to their impressive new home.

The museum will also house the sponsoring society as well as the Virginia Aviation Hall of Fame; an extensive library of aeronautical books, publications, and films; and a growing collection of aircraft engines, navigational devices, and aviation memorabilia.

For more information about the society and the museum, call (804) 789-2095, or write to P.O. Box 787, Ashland, Virginia 23005.

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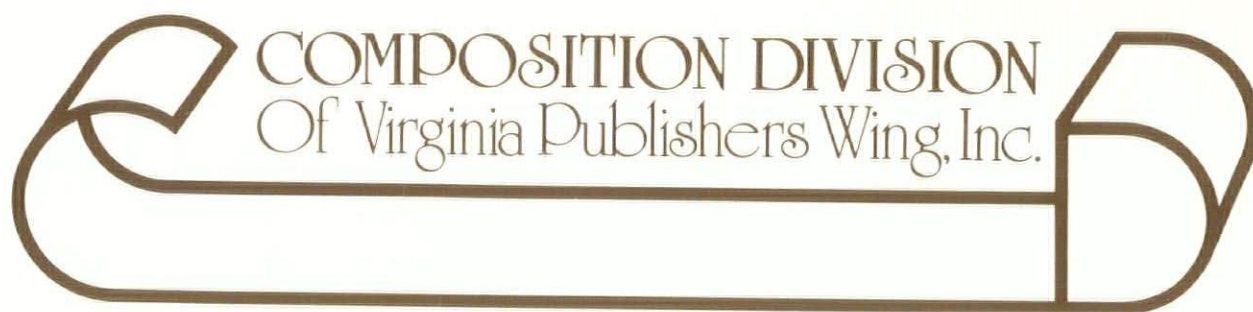
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