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The following dates have been taken from actual field tests, made by ourselves here in Richmond:

Latest Safe Planting Date

String Beans, All Varieties	Aug.	20
Beets, All Varieties	Aug.	15
Swiss Chard	Aug.	15
Collards	Aug.	10
Smooth Kale	Aug.	30
Curled Kale		
Lettuce, Wood's Cabbage (head)	Aug.	15
Lettuce, Grand Rapids (leaf)		
Mustard, So. Giant Curled	Sept.	1
Mustard Spinach		
Radish, Winter		
Radish, Early	Sept.	1
Spinach, New Zealand	Aug.	15
Spinach, Bloomsdale	Dec.	1
Turnip, Imp. Purple Top White Glove	Aug.	30
Turnip, Yellow Aberdeen	Aug.	15
Turnip, Seven Top	Sept.	15
Chinese Pelsai or Celery Cabbage		



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Masonry suppliers: • United States Post Office, Williamsburg. See Page 13. Stokes Residence. See Page 17.

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Editor



Published Monthly At The State Capital By Virginia Publishers Wing, Inc. EDITORIAL OFFICES: 15 North 6th Street Phones MI 4-6717 - 4-2722

CLIFFORD DOWDEY DONNA Y. LAURINO Executive Editor

R. N. ANDERSON, JR., AIA Architectural Editor

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AUGUST 1962

NUMBER EIGHT

An Anniversary:

ONCE IN A LIFETIME

S THE DAYS OF THE PAST JUNE APPROACHED THE 26TH, my friend and I began to wonder what we could do to commemorate the 100th anniversary of the opening of the Seven Days Battle Around Richmond. This was the first time Lee led an army in combat, and it was the first battle in which the Confederate forces introduced strategy in their defense. This battle was far more than an historic event to my friend and me. The Seven Days was a field we had studied for many years and on which we had taken countless trips.

In doing research, the way would be lonely without friends, and I have been fortunate in my companions. Mr. McDonald Wellford has pursued the avocation of battlefield study as a scholar. As the research is for me also an avocation, the field was for us a center of interest, where we went on Sundays, holidays, and for which Mr. Wellford had prepared a fine collection of maps. So a commemoration was a very personal thing with us.

As the date approached, we grew burdened with the solemnity of the knowledge that this observation was a thing we could do only this once in our life, and that no one now living on earth could ever do this thing again. The action began at around three in the afternoon, and the Confederates became fully committed at five o'clock. At this time General Lee crossed from an observation post on the south side of the Chickahominy and reached Mechanicsville. My friend and I decided that was the time to go. The simplest observation would be to follow the course of A. P. Hill's troops into the action and end our trip where the battle ended, in the terrible slaughter that came at dusk along Beaver Dam Creek.

June 26 came on Tuesday and the weather favored our two-man observation by nearly duplicating the 26th in 1862. On the Thursday in 1862 it had been showery for several days before, and the clear day of the 26th was hot and humid. This year the showers continued during the day and, when the skies cleared in the late afternoon, it was hot and humid.

Summer is not the time when we usually go on the fields, and it is a poor time to work battlefields. The foliage and underbrush restrict the range of vision and it is not possible to get a view of the terrain. Also, the brush holds the menaces of ticks, chiggers and moccasins, and in the denseness the woods are oppressively hot. We figured the woods could be no hotter than the anachronistic automobile which took us to the field, and we were sufficiently familiar with the ground not to require an extended view.

After a pause for map reading, we proceeded across the Meadow Bridges and onto the series of roads that jogged at angles, north, southeast, northeast, and back southeast into the road to Mechanicsville. It was in that area, where we turned out of an elbow in the road, that Hill's lead brigade-Virginians commanded by Charlie Field-came under heavy concentric artillery fire. The volunteer troops had not been in battle before, and we talked of those men, and talked of all the new houses that made a suburban community of the fields over which the Virginians had marched. Then we lamented the passing of the grounds as they had been, and observed that had we not worked the fields in other days we could not have known the terrain as the soldiers knew it. (Continued on page 44)

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To the Virginia Chapter, A. I. A. we extend wishes for a successful Fall Meeting and invite you to return.

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Dormitory Facilities, Shenandoah College, Page 16

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PAGE SEVEN

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PAGE EIGHT

VIRGINIA RECORD

IRGINIA

STEEL CO., INC.



THOMAS E. PARRISH, well known to many Virginia Architects, has been appointed director of architectural sales and promotion for Hankins & Johann, Inc., it has been announced by Foster P. Johann, secretary-treasurer of the Richmond architectural metals manufacturing firm.

Parrish, a native of Portsmouth, studied engineering and architecture at



North Carolina State College and graduated in architecture from the University of Virginia. Before joining Hankins & Johann, Inc., he was with Solite Corporation in Richmond for 7 years.



Three winners of the annual "Solite Competition Awards" Contest pose before architectural designs of proposed Norfolk Exhibition Market. All are fourth year University of Virginia students. From left to right are: David W. Draper, Staunton, first prize; Carlton S. Abbott, Yorktown, second prize; James H. Hening, Jr., Hopewell, third prize.

S^{IX} ARCHITECTURAL STUDENTS, three each from the University of Virginia and Virginia Polytechnic Institute, received prizes totalling \$1,200 for architectural designs submitted in the annual "Solite Competition Awards" contest. The awards were presented in Lynchburg during the spring meeting of the Virginia Chapter of the American Institute of Architects. Carl Lindner, Jr., past president of the Virginia Chapter of American Institute of Architects, presented the awards.

The three University of Virginia students competed in the design of an Exhibition Market for Norfolk. David

to tell the Virginia Story

W. Draper of Staunton won the first prize of \$300 while Carlton S. Abbott of Yorktown won the second prize of \$200. Third prize of \$125 went to James H. Hening, Jr., of Hopewell. The three winners are all fourth year students.

Judges in the contest were members of the faculty of the School of Architecture of the University of Virginia, including the Dean of the school, Dean Thomas Fitz-Patrick. Also serving as a judge was J. Scott Rawlings, a Richmond architect and president of the Foundation for Architectural Education.

> (Continued on page 10) AUGUST 1962



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2415 Church Street Phone 627-8621 NORFOLK 4, VA. Fall Meeting Set at Set at Charlottesville October 25-27th for Virginia Chapter American Institute of **T**HE VIRGINIA CHAPTER AIA annual fall meeting is scheduled for October 25, 26 and 27 at the Thomas Jefferson Inn in Charlottesville, according to arrangements chairman Roger Davis.

Landscape architecture and architectural student relations will share the spotlight as discussion topics for the meeting. Hideo Sasaki, landscape architect; Elliott Carroll, head of the Chapter and Student Affairs Department at the AIA national headquarters in Washington, and Alexander Cochran, president of the Baltimore Chapter of the AIA, will be among the guest speakers.

- CORPORATE



Born July 20, 1925 in Long Beach, California, he attended Long Beach City College and received a Bachelor of Architecture Degree in 1952 from the Illinois Institute of Technology in Chicago. He is currently architect to the College of William and Mary and is also in private practice in Williamsburg.



JOSEPH K. FRY

Born June 30, 1908 in Uniontown, Pennsylvania, he is a graduate of The Haverford School in Pennsylvania, attended Princeton University and in 1933 received a Bachelor of Architecture Degree from Carnegie Institute of Technology in Pittsburgh. Since 1956, he has been with Mills, Petticord & Mills in Norfolk.

A highlight of the meeting will be the presentation of certificates of membership to the new Corporate and Associate members, Virginia Chapter, AIA shown on these pages.



FREDERIC H. COX, JR.

Born July 14, 1933 in Richmond, he is a graduate of St. Christopher's School and received a B.S. in 1956 from the University of Virginia. He is with Marcellus Wright & Son in Richmond.

VIRGINIA RECORD



J. TABB HEYWARD, JR.

Born March 17, 1934 in Richmond, he graduated from Virginia Episcopal School in Lynchburg, and received a B.S. from the University of Virginia in 1958. Since then he has been with Rawlings & Wilson in Richmond. University of Virginia and VPI architectural students will take part in that part of the program which will probe student and student chapter affairs.

The University will play football at Scott stadium on the final day of the session, meeting Davidson.

MEMBERS -



WILLIAM E. McCLURG

Born November 28, 1923 in Charleroi, Pennsylvania. He attended Union University in Jackson, Tennessee while in the Air Force, and received a certificate from the North Carolina State College Extension Service in 1946. He is currently a partner in MacLane & Chewning at Virginia Beach.



RAOUL WHEELER WILKINS

Born August 18, 1921 in Charlottesville, he graduated from Lane High School and attended Greenbrier Military School. In 1950 he received a B.S. degree from the University of Virginia. Since October, 1959, he has had his own firm in Richmond.

ASSOCIATE MEMBERS



ROBERT M. SHANNON Born October 2, 1917 in Bristol, he received both his B.S. and M.S. in Architectural Engineering from VPI. He took graduate studies at Princeton and Ohio State Universities. He is with Hayes, Seay, Mattern & Mattern in Roanoke.

JACK G. STARR

Born April 15, 1929 in Memphis, Tennessee. He attended the Norfolk Division of William and Mary and took correspondence courses from the University of Wisconsin. Since 1956, he has been with Clark, Buhr & Nexsen in Norfolk. (No photo available)



CARL M. TENNEFOSS, JR.

Born September 1, 1928 in Norfolk. He attended Georgia Institute of Technology and the Norfolk Division of William and Mary. He is presently with the Public Works Division of the Fifth Naval District in Norfolk.



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Painting Contractor for The Berkshire Apartments, Featured on Page 14.

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PAGE TWELVE

VIRGINIA RECORD

Founded 1878



(Thomas L. Williams photo)

New Colonial Williamsburg Post Office

HE HANDSOME, new building dedi-L cated this spring as Williamsburg's Post Office is a startling contrast to the reconstructed building on Duke of Gloucester Street that served as Virginia Gazette Printing Office and post office for the colonial capital 200 years ago. And in terms of space, facilities for handling mail and the daily volume of letters and parcels processed by the two, the buildings are physical reminders of the dramatic progress of the postal service in two centuries.

But as the red and white, brick post office is a story in contrast, it is likewise a vivid example of blending and harmony in this unusual community. Designed by the Architects' Office of Colonial Williamsburg, the new structure bridges the gap between the 1700's and the twentieth century, making it an entirely functional facility to handle the mass of modern-day mail, yet in keeping architecturally with its colonial surroundings.

To accomplish this, the architects designed the \$418,000 building as a main unit which appears to have several later additions, thus enclosing the large work area and necessary public spaces and at the same time keeping the structure in scale and harmony with other buildings in the area. Its roof is composed of slate and cement shingle tiles of several shapes, colors, and textures, used to identify the several assumed construction periods.

This one-story building contains

(Continued on page 42)

ARCHITECTS' OFFICE, COLONIAL WILLIAMSBURG Architects, Interior Design

WILEY & WILSON Mechanical & Electrical Consultants CLEVERDON, VARNEY & PIKE Structural Consultants

PHILIP RICHARDSON COMPANY: General Contractor



The restored Cole Shop on Duke of Gloucester Street served as post office for the city in 1827; the reconstructed Printing Office and Post Office on Duke of Gloucester Street was the postal facility in colonial days.

RICHMOND 14-STORY LUXURY APARTMENT

MARCELLUS WRIGHT & SON ARCHITECTS

• "The Berkshire," Richmond's first new luxury high-rise apartment building in a quarter of a century, promises to be the pivot point for new horizons in downtown Franklin Street building.

Designed by Marcellus Wright and Son, Architects who shepherded the project through new changes to Richmond zoning laws to permit such a

PAGE FOURTEEN

structure, the building is to be 14 stories with a penthouse and two levels of tenant and guest parking below ground.

The design is for a straight-up tower set well back from the streets and ensconced on a broad plaza-like base. The texture of the south, or principal face of the building, is enhanced with balconies serving nearly half of the 237

VIRGINIA RECORD

apartment units. Access to the balconies will be through broad window wall units matching the open fenestration of the remainder of the building.

Located on the north side of a prime area on Richmond's handsome Franklin Street, the new apartment project faces the Commonwealth Club to the west and the historic Jefferson Hotel to the east. The selection of materials for the building recalls the soft, semiresidential character of the neighborhood through the use of pastel brick facing with stone trim, while maintaining a pattern of the most contemporary construction techniques.

Of reinforced concrete frame, the building is being erected (see photo) through the use of two cranes which "leap frog" as the height of the tower increases. Concrete carriers lift from ready-mix trucks in the alley to the north of the project and deposit at the location within the building where needed for casting on the reusable metal forms.

Design features of the new apartment building include reflecting pools at the first floor courtyard, two landscaped and paved sun decks on the roof, working fireplaces in the four penthouse apartments, private courtyards for the four first floor apartments and a restaurant on the first floor of the building.

Mechanical innovations in the design of the Berkshire include the location of boiler room and mechanical equipment spaces on the roof, full air conditioning of all spaces with individual apartment controls and automatic gas-fired multiple flue incinerators for tenant use, so designed as to eliminate problems with smoke.

There is a Valet Shop located within the building and clothes washer and a dryer are available in two locations on each floor for tenant use. All apartment kitchens are equipped with the most modern labor-saving equipment including a gas range and oven, dishwasher,

HANSON & CRAIG Structural Consultants

ROACHE, MERCER AND FAISON Mechanical and Electrical Consultants

STANDARD CONSTRUCTION COMPANY

General Contractor

CHARLES A. ROSE, INC. Rental Agents

Principal subcontractor and material suppliers include E. G. Bowles, Richmond, excavating; McKinney Drilling Co., Alexandria, piling and foundations; Anthony Izzo Co., Inc., Washington, masonry supplier and contractor; Ceco Steel Products Corp., Hyattsville, Md., window walls, steel windows and window sills; Max Greenwald & Sons, Inc., Hyattsville, Md., roofing; Economy Cast Stone Co., Richmond, stone work.

Cast Stone Co., Richmond, stone work. Pittsburgh Plate Glass Co., Richmond, glazing; John H. Davis Company, Washington, painting and plastic wall finish; Peter Bratti, New York City, ceramic tile; Printz Floor Co., Inc., Arlington, resilient tile and wood flooring. Standard Construction Company, the general contractor, is accomplishing the concrete work with readymix concrete being supplied by Southern Materials. The general contractor- is also "doing the carpentry work, weatherstripping, insulation and millwork.

Waterproofing is being supplied for the project by Washington Ply-Rite Co. The Hampshire Corporation, Richmond, is doing the acoustical and plaster work. Hardware for the project is being supplied by the Hardware Center, Inc., Arlington. Steel doors and steel door bucks are being supplied by Aetna Steel Products, New York City, handrails by Potomac Iron Works, Hyattsville.

Union Electric Co., Inc., Richmond, is the electrical contractor while Wm. H. Singleton Co., Inc., Springfield, is supplying plumbing fixtures and doing the plumbing, air conditioning, heating and ventilating work. disposal unit and refrigerator. All kitchens and baths are equipped with power exhaust ventilation.

All of the windows of the building are of a design that permits the cleaning of both surfaces from inside. Floor surfaces are finished in hardwood parquet. There is a covered rear entrance to the building and a driveway for service and tenants. A striking canopy extends out to Franklin Street for protection of the entrance to the building.

Two widely separated banks of elevators are arranged within the building to provide the most convenient access by each tenant and his guests to any of the apartments in the block-long structure.

Each apartment is provided with storage space on the below ground parking level where auto parking space for each tenant is located. Access to the parking levels is from an entrance on Monroe Street just north of Franklin. Due to the grade of Franklin Street along the front of the building, the main floor meets grade near entrance location.

The new apartment measures 242 feet along Franklin Street and 109 feet in depth. It occupies all of the space north of Franklin between Monroe and Madison to the alley half way to Grace Street. The exterior walls are of masonry supported by a reinforced concrete frame. Shaped like an H, which provides generous window area to all apartments, the building has plaster interior walls, a built-up roof, steel windows and parquet floors. It is scheduled for completion in March of 1963.



to tell the Virginia Story

PAGE FIFTEEN

AUGUST 1962

Shenandoah College and Conservatory



KEITH WILLIAMS & ASSOCIATES: Architects

MORRIS GREEN Consulting Engineer

• Phase 2 of the building program for Shenandoah College and Conservatory of Music at Winchester was completed April 27, 1962. Facilities include dormitory accommodations for 160 students, dining and kitchen for 250 students, central boiler plant, lounges, infirmary and recreation spaces. Phase 1, academic and music buildings, reported in November 1958 issue of *Virginia Rec*ord, were occupied by the College in 1959.

Lift-Slab construction was employed in the construction of the dormitories. Exterior walls are aluminum curtain walls with porcelain-enamel panels. Decorative masonry walls are non-bearing, insulated cavity-walls. Dormitory buildings are designed for 50% expansion, kitchen and dining facilities are planned for 200% expansion, central heating is provided by the first of three I. B. W. Coalpak, fully-automatic coalburning boilers. High-temperature water-heating mains, electric and telephonic services are all below ground, each a part of the master utility system.

Shenandoah College and Conservatory of Music, located at Dayton since 1875, is an accredited junior college

and four-year conservatory, co-educational and church-related, being an integral part of the Evangelical United Brethren Church. The need for ex-pansion prompted the relocation in Winchester through the joint efforts of the Evangelical United Brethren Church and the Winchester Chamber of Commerce. In the two years since this initial accomplishment, the college enrollment has doubled. Without local dormitory facilities to date, students have been housed throughout the town in leased properties and private homes. Since these new dormitories will house only 160 students, an additional dormitory is planned for construction commencing this fall.

The firm of Keith Williams and Associates was selected as architects for the Winchester project. They assisted in selection of the site, prepared data and sketches for initial fund-raising campaign, worked with school officials in preparation of long-range and immediate building program and prepared a detailed and modeled master plan for the ultimate development of the College campus.

VIRGINIA RECORD

J. B. FERGUSON & CO., INC. General Contractor

> At this writing, four buildings are completed, occupied and named in honor of four individuals whose generous efforts for the College have been invaluable. They are Bishop D. T. Gregory, Frank Armstrong, A. P. Funkhouser and W. O. Cooley.

> General contractor was J. B. Ferguson & Co., Inc., Hagerstown, Md. Principal subcontractors and material suppliers are as follows:

Perry Engineering Co., Inc., Winchester, excavating, piling, foundations, and concrete; Shenandoah Brick & Tile Corp., Winchester, masonry supplier; LeRoy E. Myers, Clear Springs, Md., masonry contractor; Brocker Mfg. & Supply Co., York, Penna, steel; Virginia Lift Slab, Richmond, lift slab; Anderson Sheet Metal Works Corp., Winchester, roofing.

Also, Brown & Grist, Inc., Warwick, window walls; Pittsburgh Plate Glass Co., glazing; H. Meade Ring, Martinsburg, W. Va., painting; Zirkle & Zirkle, Harrisonburg, cold glazed vitreous wall surfacing; Standard Tile Co., Inc., Staunton, ceramic tile, terrazzo; The Floor Shop, Winchester, resilient tile; Mason & Utley, Inc., Charlottesville, acoustical.

Others were Miller Hardware Co., Winchester, (Russwin) hardware; Glaize & Bro., Winchester, millwork, wood flooring; Montague-Betts Co., Inc., Lynchburg, steel doors and bucks, handrails; J. B. Ferguson & Co., Inc., electrical work— Prescolite lighting fixtures; Riddleberger Brothers, Inc., Harrisonburg, plumbing fixtures, plumbing, heating and ventilating.

Interior walls are Solite block.

STOKES RESIDENCE,

Williamsburg

THIS RESIDENCE designed by Marcellus Wright & Son of Richmond is situated within the town of Williamsburg on three acres of secluded gently sloping ground. To the rear of the property exists a beautiful wooded ravine and stream.

The clients expressed a definite desire to recognize the Colonial Williamsburg environment, yet wished the house to express their daily way of living.

Accordingly, the front elevation and details throughout are formal and strongly influenced by the Restoration. However, the back elevation utilizes large areas of glass to open up the plan to the beautiful wooded area behind. Emphasis in plan is placed on the informal.

The owners, having two teenage children and one pre-teenage child, felt that each should be provided with separate sleeping quarters. They also wished the children's recreation area to be as remote from the rest of the house as possible.

Their own quarters, including a combination library and sitting room, are located on the first floor and open to the woods.

The second floor contains the children's sleeping rooms which open on to a balcony running the length of the rear of the house.

The entire house is air conditioned, but the wooded nature of the lot reduces the necessity for constant cooling for extended periods.

W. A. Thompson, Williamsburg, was general contractor, doing also the work on foundations, concrete and carpentry. Principal subcontractors and suppliers included the following:

John A. Minor, Jr., Williamsburg, excavating; Ranhorne & Granger of Williamsburg, Inc., masonry supplier; C. L. Anderson, Williamsburg, masonry contractor; Richmond Steel Co., Inc., Norfolk, steel; R. Willison Roofing Co., Richmond, waterproofing, roofing; Ferrell Linoleum & Tile Co., Inc., Norfolk.

mond, waterproofing, roofing; Ferrell Linoleum & Tile Co., Inc., Norfolk. Also, Miller Mfg. Co., Inc., Richmond, windows, glazing, millwork, handrails, wood flooring; Robert L. Boyce, Williamsburg, painting; Garlick Tile Co., Newport News, ceramic tile; Ramsey Floor Covering, Newport News, resilient tile; Manson & Utley, Inc., Richmond, weatherstripping, acoustical; W. K. Hawkins Engineering Co., Richmond, insulation.

stripping, acoustical; W. K. Hawkins Engineering Co., Richmond, insulation. Nelson A. Lewis, Williamsburg, plaster; Pleasants Hardware, Richmond, hardware; Sheldon Lumber Co., Inc., Toano, structural wood; Centralite Supply Co., Newport News, lighting fixtures; Williamsburg Electric Co., Williamsburg, electrical work; R. Hugh Haynes Co., Inc., Williamsburg, plumbing fixtures, plumbing, air conditioning, heating and ventilating. Kitchen cabinets were by Burke-Hoggard,

Kitchen cabinets were by Burke-Hoggard, Inc.



MARCELLUS WRIGHT & SON Architects

Photographs: THOMAS L. WILLIAMS

HENRY ROBERTS Structural Consultant

LEO GRIFFIN Electrical Consultant THOMAS N. SMITH Mechanical Consultant

W. A. THOMPSON General Contractor





SLEEPY HOLLOW MANOR



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S LEEPY HOLLOW MANOR was designed as a building to accommodate convalescents or persons who are not acutely ill, but who require related medical services and, particularly, skilled nursing care. This facility cares for patients with chronic disabilities and long term illnesses with the purpose of restoring them to a state of usefulness—to themselves and to society. The building will meet the patients' needs for social contact, recreation, education, rehabilitation, spiritual devotion and creative activities.

It is realized that most of the patients who will live at Sleepy Hollow have left their homes for an extended period of time and for all intent have moved to a new home. The building was planned to approximate an informal homelike atmosphere. The patient areas are on one floor, thus stairways and elevators for patients were eliminated, and movement of patients, staff, equipment and supplies from one part of the building to another was eased. Accessibility between indoors and outdoors was made as easy as possible to mimimize the institutional character and to take advantage of natural light and air. All of this was related to generous areas for living and recreation, enhanced by color decoration, harmonious furnishings and landscaping.

The patio on the wing facing the highway was arranged to give a feeling of seclusion but still to have community activities available without being uncomfortably noisy.

The building was planned to fit into the site and topography and to be pleasant to look at. Landscaping was used to enhance this design and setting. In addition, terraces were included and there is plenty of space for recreational and garden areas. The main entrance was made as inviting as possible in order to give a pleasing first impression

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VOSBECK-WARD & ASSOCIATES Architects

KENDRICK & REDINGER Mechanical & Electrical Consultants

FORTUNE ENGINEERING ASSOCIATES Structural Consultants

E. N. HOOPER CONSTRUCTION CO. General Contractor

> BARNES & KIMEL Interior Decorator

SUBCONTRACTORS & SUPPLIERS:

A. Z. Tyler & Co., Inc., Alexandria, excavating; Virginia Concrete Co.. Inc., Springfield, concrete; Albert E. Moran, Falls Church, masonry supplier and contractor; Adams Fabricated Steel Corp., Washington, D. C., steel, steel roof deck; Perrin & Martin, Inc., Arlington, roofing; Capitol Products, Inc., Washington, D. C., windows.

Also, Hires Turner Glass Co., Arlington, glazing; Wilmar Contractors, Inc., Vienna, painting; Southern Floors and Acoustics, Arlington, acoustical, ceramic and resilient tile; Wayne Insulation Co., Arlington, insulation; Dodd Brothers, Inc., McLean, plaster; Virginia Millwork Corp., Arlington, millwork; W. M. Schoenfelder, Bethesda, Md., steel doors and bucks; Trovato Electric Co., Inc., Arlington, electrical work; Dixie Janitor Supply Co., Inc., Washington, D. C., plumbing fixtures; Baco Company, Inc., Arlington, plumbing, air conditioning, heating and ventilating.

and leads to a public lobby, reception area and interior.

The use of wide corridors and the introduction of much natural and artificial light eliminated dark congested areas. It was not considered necessary, as in the case of general hospitals, to keep the visitors and the patient traffic isolated, nor to exclude patients from other areas of the building.

Sufficient space to accommodate wheelchairs was allowed in all areas. The central location of the main dining room and lounge off the lobby allowed these to become the social and recreational hub and to encourage all patients

· VIRGINIA RECORD

to use the central dining facilities as often as possible.

The recreation room is ample in scale, well lighted, decorated and arranged to serve recreational and occupational needs of the patients. Convertible to use for religious services, it looks out, by having access to the rear balcony, to outdoor recreational areas.

The lounge adjacent to the main lobby was located to give patients a chance to enjoy activities around the main entrance. The small lounge on the south wing has access to a patio and also has a fireplace.

The bedrooms were made large enough to allow for the movement of patients in wheelchairs, walkers, on canes or crutches. Large glass areas are provided in order for the patients to be generally aware of outdoor spaces and each bedroom has lavatory facilities. Ample storage facilities have been provided in and out of the bedrooms to care for the patients' personal belongings. A nurses' station has been provided in each wing. These are located to conserve time and steps and to afford the most effective control of the nursing area.

Of fireproof construction throughout, the building is in compliance with governing codes and the Virginia State Fire Regulations. Special devices and arrangements have been incorporated into the design because of the physical condition of the patients and consideration was given to easy evacuation, if required.

The eight-foot wide corridors have handrails on both sides and handrails are also provided at lavatories and baths. Acoustical ceilings have been provided in the corridor, lounges, recreation room, dining room, nurses' station and many of the public areas. For protection against interruption of power

(Continued on page 43)



Arlington Office Building

VOSBECK-WARD & ASSOCIATES Architects

> KENDRICK & REDINGER Mechanical, Electrical and Structural Constultants

BRAKEFIELD CONSTRUCTION CO. General Contractor

11 STORY OFFICE STRUCTURE – 1815 N. FT. MYER DRIVE

THE EXTERIOR of this office building, designed by Vosbeck-Ward & Associates, Architects, is unique in itself since the entire exterior curtain wall. as well as the main structure is to be of concrete materials. The vertical sun fins located on a four foot module around the entire perimeter of the building are to be of a white extruded concrete of a process developed in Europe. The wall panels are of a lightweight insulating concrete faced with exposed aggregate of marble chips. These panels are only two inches thick and are precast at the plant and placed between the aluminum window frames from the inside.

There are two interior levels of parking which cover the entire site of 31,000 sq. ft. In addition to these, there is a parking level at the N. Fort Myer Drive entrance. At this entrance, two large umbrella canopies will be used as protection against the weather. This entrance plaza will be landscaped and lighted with a series of precast concrete planters and concrete light poles.

There are two lobbies—one off N. Fort Myer Drive and the other off N. Moore Street. The lobby walls are of precast inlaid onyx stones and the floors are marble. A luminous ceiling gives soft but efficient light to the lobby.

The building will be served from a central core on each floor, composed of a lobby, three elevators, two stairs and toilet facilities. The elevators are of the high speed, completely automatic type and equipped with electronic devices for evaluating load and peak load conditions.

The interior office space is designed on a four foot modular system. The ceiling is a suspended spline system with two by four foot acoustical tiles and lighting fixtures arranged to give a maximum flexibility in office layout. The lighting fixtures can be moved to suit the office layout. The office partitions are movable and designed in four foot panels to reflect the ceiling system above. The mechanical and electrical equipment is all concealed above the suspended ceiling and is as flexible as the office space.

The heating, air conditioning and ventilating system is a combined hot and cold water system with fan coil units at the exterior wall and one interior air handling unit per floor for the interior spaces.

Brakefield Construction Co., Arlington, is general contractor, with the following subcontractors and material suppliers:

Hunter L. Watson, Jr., Herndon, excavating; Schnabel Foundation Co., Washington, D. C., piling; McKinney Drilling Co., Alexandria, foundations; Kirk Lindsey, Inc., Arlington, (Ceco) steel, concrete; Hudson Supply & Equipment Co., Washington, masonry supplier.

Also, Tecfab, Inc., Beltsville, Md., windows, window walls; Anning-Johnson Co., Alexandria, acoustical; Barber & Ross Co., Washington, hardware, steel doors and bucks; Trovato Electric Co., Inc., Arlington, electrical work; Bob Vranich Plumbing & Heating, Alexandria, plumbing, air conditioning, heating and ventilating. Carpentry and masonry work was also done

Carpentry and masonry work was also done by Brakefield.

VIRGINIA RECORD

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Roanoke Furniture Upholstery Plant

THE JOHNSON-CARPER FURNITURE COMPANY of Roanoke is enlarging its plant in order to expand its line. Since the year 1927, when the firm began its operations, the production lines have been devoted entirely to the manufacture of wooden bedroom furniture, and, in this field, the company has enjoyed a steady growth to become one of the leaders in the industry. When the new factory building, now under construction, is completed, a line of upholstered furniture will be introduced under the Johnson-Carper name.

Prior to the present expansion program, the plant, on a 45-acre tract in the extreme northeast section of Roanoke, consisted of a factory of some 400,000 square feet area including warehouse space and kilns together with a 3-story warehouse of 145,000 square feet area. Employing about 800 workers, this highly mechanized plant produces a medium-priced bedroom furniture in styles ranging from French Provincial to Danish Modern. Adhering only to large run items, a week's production on an average bedroom suite can be well over 2000, according to D. L. Jordan, President.

The decision to diversify the line was made in 1961 and was preceded by exhaustive investigation and followed by extremely detailed planning. Thereafter, speed was paramount. Additional land was purchased in sufficient area to provide for this and future expansion programs. The City of Roanoke cooperated with the necessary zoning and establishment of streets and utilities. The firm of Hayes, Seay, Mattern and Mattern was engaged to perform the architectural and engineering services and was placed under the pressure of

HAYES, SEAY, MATTERN & MATTERN Architects-Engineers H. A. LUCAS & SONS, INC. General Contractor

SUBCONTRACTORS & SUPPLIERS:

Adams Construction Co., paving; Roanoke Ready Mix Concrete Corp., concrete; Webster Brick Co., Inc., Webster; Roanoke Iron & Bridge Works, Inc., structural steel and long span joists; Valley Steel Corp., Salem, reinforcing steel; Southern Roof Deck Co., Tectum roof deck; Valley Roofing Corp., roofing and sheet metal; E. V. Poff & Son, Inc., interior stone work.

Cyclone Fence Dept., American Steel & Wire Div., U.S. Steel Corp., fencing; Parkway Glass & Mirror Co., Roanoke County, glazing; L. R. Brown, painting; Charles J. Krebs Co., resilient tile; Plastic Sign Sales, metal letters; Billy R. Ayers & Son, plaster; Graves-Humphreys, Inc., hardware; Home Lumber Corp., millwork. Roanoke Engineering Sales Co., steel doors and bucks; Clayton G. Tinnell, electrical work-

Roanoke Engineering Sales Co., steel doors and bucks; Clayton G. Tinnell, electrical work fluorescent Day-Brite lighting fixtures; Progressive Products Corp., plumbing (American-Standard fixtures), air conditioning (Carrier), heating and ventilating; High Point Sprinkler Co., High Point, N. C., sprinkler system.

Truk-veyor floor conveyor system was by Link-Belt Co., and spray booths by DeVilbiss Co. The general contractor did the work on excavating, foundations, masonry and carpentry. All are Roanoke firms unless otherwise noted.

the moment. In order to gain time, bids were taken and a contract awarded to Pioneer Construction Company of Roanoke for general grading and site development, followed soon afterwards by Roanoke Iron and Bridge Works for the structural steel work. A contract for the general construction and completion of the project was then awarded to H. A. Lucas and Sons of Roanoke.

The new building is approximately 435 feet long by 200 feet wide with a low roofed projecting bay, a total of approximately 92,000 square feet, one story high without basement. The main factory space contains warehouse area,

assembly, cutting, sewing and finishing rooms. The projecting bay contains offices, a canteen, restrooms, a sample room and a boiler room. A guard house is located at the entrance.

The structure has a steel frame with brick-faced concrete block walls and concrete block partitions. The floors are concrete slab on grade, surfaced in the offices with resilient tile flooring. The floors in the warehouse area and the main assembly area have a heavy duty Master-plate finish. A Tow-Vevor track is set into the floor of the main assembly area for moving the work in the assembly process. The roof is builtup type on shredded wood roof plank over steel joists. Air-conditioning, by means of package units, is provided throughout the building except in storage areas. Heating is by low pressure steam from two oil-fired boilers through unit heaters and air-handling units. A sprinkler system covers the entire building. Electrical work includes exit and emergency lighting system, telephone conduit system, code call conduit system, time and program system, fire alarm system, gate bell system. The work further includes fine grading and topsoiling, sanitary and storm drainage piping, water service, paving, seeding over the related portions of the plot, security fencing on the entire perimeter of the site.

The cost of this building program will be in excess of \$500,000 and it is expected that the actual building without any site work or equipment will be completed for slightly over \$6.50 per square foot.

When the new upholstery plant is in operation early in 1963, from 300 to 400 new workers will be employed.

AUGUST 1962







MEMORIAL CHAPEL

JAMES T. COPLEY General Contractor

TWO FORT EUST S BUILDINGS BY MILLS, PETTICORD & MILLS

HEILEMAN HALL

V-C CONSTRUCTORS General Contractor



• The Memorial Chapel of the Transportation Corps was dedicated in solemn ceremonies at Fort Eustis on Sunday, November 27, 1960. Maj. Gen. Frank S. Besson, Jr., then Chief of Transportation, and Maj. Gen. Frank A. Tobey, Chief of Chaplains, headed the list of Army dignitaries participating. Col. J. D. Snow, Norfolk District Engineer, under whose supervision the chapel was built, presented it.

The \$600,000 brick and masonry chapel complex stands at the intersection of Lee Boulevard and Madison Avenue. The chapel proper, framed with laminated wood arches and exposed wood purlins, seats 600. Together with connecting buildings, it covers 24,145 square feet and forms a complete religious and educational center for all faiths. Included are 16 Sunday School classrooms, a religious library, a recreational activities room, a kitchen, and an assembly room seating 200 which can be subdivided by "accordion" partitions into a corridor and six smaller rooms. There are also administrative offices for chaplains of the various faiths.

The entire group of buildings is air conditioned, and the surrounding grounds are appropriately landscaped, with parking areas on either side. The lead-clad steeple of the chapel building will acquire a mellow patina with time.

Construction was begun April 13, 1959. The architects were Mills, Petticord & Mills, of Washington, D. C. and Norfolk, and the contractor was James T. Copley of Portsmouth.

Subcontractors were as follows:

Structural steel, miscellaneous metal, builders' hardware, Montague-Betts Co., Inc., Norfolk; masonry and structural facing units, United Fireproofing Corp., Hampton; dampproofing, waterproofing and prefabricated wood arches and purlines, Roof Engineering

(Continued on page 38)

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— HEILEMAN HALL —

• In colorful ceremonies on Saturday April 14, 1962, the Transportation Training Command held a major dedication event at Fort Eustis. Heileman Hall, the new TTC Headquarters building, was formally dedicated and named in honor of Maj. Gen. Frank August Heileman, U. S. Army Transportation Corps, through whose efforts Fort Eustis became a permanent installation in 1950.

The half million dollar two-story ultra modern structure was operational March 17 when major elements of the Command Staff moved in. The same day, the colors were raised at the 100foot flag staff in front of the new building and lowered at the site of the old command area.

Constructed of reinforced concrete (partially exposed), with brick and masonry cavity walls and curtain-wall fenestration, Heileman Hall contains 27,614 square feet of air conditioned floor space. The building is located on Fort Eustis' Washington Boulevard, opposite the Transportation School.

Architects were Mills, Petticord & Mills of Norfolk and Washington, working under the supervision of Col. J. D. Snow, Norfolk District Engineer. Construction, started in November 1960, was by the V-C Constructors of Norfolk. Subcontractors were as follows:

Foundations, piling, Woodrow W. Ford, Norfolk; rental equipment, James T. Wharton, Jr., Equipment, Inc., Hampton; waterproofing, The Guaranteed Waterproofing Co., Greensboro; roofing, sheet metal, Fowler Roofing Co., Inc., Norfolk; sheet metal work, duct work, Virginia Sheet Metal & Roofing Co. of Norfolk, Inc.; insulation, Reid Hayden Company, Baltimore.

Also, ceramic tile, Ceramic Tile & Marble Co., Hampton; acoustical ceilings, The Hampshire Corp., Norfolk; asphalt tile flooring, W. Morton Northen & Co., Inc., Richmond; metal toilet enclosures and partitions, Morris Dudley & Associates, Norfolk; movable partitions, John H. Hampshire, Inc., Norfolk; painting, E. Caligari & Son, Inc., Norfolk.

Mechanical work, Virginia-Carolina Electrical Works, Inc., Norfolk; electrical work, The Howard P. Foley Co., Richmond; temperature controls, Johnson Service Co., Norfolk; grading, seeding, paving and fertilizing, E. C. Womack, Inc., Norfolk; asphalt paving, Clyde R. Royals, Inc., Hampton; planting materials, Winn Nursery, Inc., Norfolk; planting, Hanna Garden Center, Norfolk.



to tell the Virginia Story

AUGUST 1962

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Fauquier County High School



TWO MILLION DOLLAR CONSTRUCTION UNDER WAY IN WARRENTON

CONSTRUCTION was begun in May on a new two million dollar consolidated high school for Fauquier County by English Construction Company, Inc. of Altavista. Designed to accommodate an initial enrollment of 1,200 pupils, this school can be readily expanded into space for 1,500 should the exigencies of this fast-growing northern Virginia region demand it. It is expected to be completed in time for the opening of school for the fall term of 1963.

The basic scheme of the school is determined by three separate and distinct circulation elements: students and visitors for public events enter from the protected bus loading passageway and the parking area to the right; visitors to the school enter near the center under the two story wing; service elements are concentrated to the far left. Entrances to the auditorium and gymnasium are reached from a landscaped plaza separating the two buildings, and adjacent to the main parking area. This parking area also serves the athletic fields beyond.

The group of buildings is on three levels: the gymnasium occupies the highest ground, the main academic wing and auditorium the intermediate level, and the cafeteria-shop buildings the lower level. The latter two buildings are reached through a two-story covered passage from the academic wing. Much attention was given to the develop-

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SMITHEY & BOYNTON Architects

WASHINGTON REED, JR., AIA Associate Architect

SOWERS, RODES & WHITESCARVER Mechanical Engineers

ENGLISH CONSTRUCTION CO., INC. General Contractor

> MEADE PALMER Landscape Architect

SUBCONTRACTORS & SUPPLIERS

Winchester Concrete Products, Inc., masonry block; Webster Brick Company, Inc., Roanoke, brick; The Precast Structural Concrete Company, Hyattsville, Md., precast concrete; Montague-Betts Co., Inc., Lynchburg, structural steel, reinforcing steel and miscellaneous metal; Republic Steel Corp. (Truscon Division), Richmond, steel joists and metal roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing and sheet metal; Virginia Roof Deck, Inc., Norfolk, composition deck; Roanoke Engineering Sales Co., metal windows and metal specialties; Valley Metal Products Corp., Roanoke, hollow metal work. Tom Jones Hardware Co., Inc., Richmond, hardware; Charlottesville Lumber Co., millwork;

Tom Jones Hardware Co., Inc., Richmond, hardware; Charlottesville Lumber Co., millwork; W. Morton Northen & Co., Inc., Richmond, resilient floors; Pritchard Paint and Glass Co., Durham, N. C., glass and glazing; Shields, Inc., Roanoke, acoustical tile, lath and plaster; H. D. White & Co., Lynchburg, painting; Schatz Kitchen Equipment, Inc., Washington, D. C., kitchen equipment; Hungerford, Inc., Richmond, heating and plumbing; Clear-Bullock Electrical Co., Inc., Martinsville, electrical; John C. Manos, Richmond, Day-Brite lighting fixtures.

VIRGINIA RECORD

ment of exterior courts for student use. The main plaza connecting the auditorium and gymnasium will contain seats and landscaped islands extending to the two-story wing; adjacent to the cafeteria an outside eating area extends from the two-story passageway to the shop building. Both courts are well shaded by the buildings and offer fine vistas of the northern Piedmont hills in the distance.

The buildings are grouped on a 30acre site of gently rolling terrain. Facilities provided are 30 general classrooms, five science laboratories, art laboratory, four business classrooms, two unit home economics suite, agricultural and industrial shops, two shop classrooms, drafting room, county maintenance shop, two student activities rooms, library, band and choral rooms, an air conditioned 1,200 seat auditorium, 1,240 spectator capacity gymnasium with complete shower and dressing facilities for boys, girls, and visiting athletic teams. The auditorium is designed for joint community use and has facilities for pitted orchestra, full stage for visiting dramatic, operatic, choral and orchestral presentations. In addition, large dressing rooms and a green room are provided for performers' use.

Contract price for this school is \$2,093,000.00 which includes the buildings, parking areas, rough landscaping, covered walks and courts.

D JNNING RESIDENCE IN NORFOLK

SOL WILLIAM COHEN, AIA Architect

> ELAIR D. DUVAL Mechanical Consultant

EDWARD S. MARTIN & CO. General Contractor

> Photos and model by A. BRUCE JOYNER

A LTHOUGH Mr. and Mrs. A. Jay Dunning, III, had a limited budget, they sought a spacious home with good circulation and maximum function; and their appreciation of the services of an architect in the design of their home has resulted in considerable financial saving and a very satisfying end result.

A careful study of their requirements and the use of simple materials and labor saving details resulted in a fine custom residence at the price of a merchant builder house.

Their 1,927 square feet of house was built for \$9.85 per square foot. The total volume of the house is 22,127 cu. ft.

A flagstone foyer and a short passage, screened from the living room by a wrought iron screen and planter, provide direct access from the front door to the bedroom wing or to the kitchen.

In the bedroom wing are three bedrooms (two with cross ventilation), two ceramic tile baths, and over 500 cubic feet of closet space. (There is a total of 750 cu. ft. of storage space in the house.) The living area is separated from the bedroom wing by a bank of closets for soundproofing. A concrete patio in the rear is accessible through an eight foot sliding glass door from the living room and from the master bedroom as well as the porch at the rear of the family room.

rear of the family room. The $14' \ge 18'$ wood paneled family room, which opens to the porch through a sliding glass door, has a fireplace, acoustical ceiling, and is made to appear even more spacious through

(Continued on page 41)

to tell the Virginia Story







AUGUST 1962

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FORK UNION MOTEL & RESTAURANT

CARL M. LINDNER & ASSOCIATES: Architects

R.C.M. CALVERT & ASSOCIATES Electrical Consultants

• Pictured above is the new 20 unit motel and 100 seat restaurant in Fork Union designed by Carl M. Lindner and Associates. Now under construction, the 340 foot long building, which will be 67 feet deep, is expected to be completed by September 10. Of colonial design, the building is being constructed of brick and masonry block with a slate roof, aluminum and wood windows and concrete floors.

R. C. M. Calvert and Associates were the electrical engineering consultants while Mathew J. Thompson was the mechanical engineering consultant. The Mottley Construction Co., Inc. of Farmville is the general contractor and MATHEW J. THOMPSON, III Mechanical Consultant

is doing the excavating, foundations, concrete work, carpentry, painting, insulation and plaster work. H. T. Ferron, Charlottesville, is supplying the masonry; S & W Steel Co., Inc., Richmond, is supplying the steel; C. W. Owen, Richmond, is doing the roofing; the windows are Truscon, supplied by The Staley Co., Inc., Richmond, who are also supplying the steel doors and bucks.

Pittsburgh Plate Glass Co., Richmond, is supplying the window walls and doing the glazing. Ceramic tile and terrazzo for the project is being done by the Standard Tile Co., Inc., Charlottesville. E. S. Chappell Co., MOTTLEY CONSTRUCTION CO., INC. General Contractor

Inc., Richmond, is doing the weatherstripping; W. Morton Northen & Co., Inc., Richmond, is installing the acoustical material, while hardware is being furnished by Pleasants Hardware, Richmond. Kent Brothers, Columbia, is supplying the structural wood. Interior walls are Solite.

The lighting fixtures are being supplied by Southside Electric Supply Co., Farmville, who are also the electrical contractors. Plumbing fixtures are Kohler Co. of Kohler, Wisconsin, while their installation as well as the air conditioning, heating and ventilating is by Harris Heating and Plumbing Co., Inc., Richmond.







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Virginia's Annual Autumn Pilgrimage

Virginia's Annual Autumn Pilgrimage provides an unique and intimate introduction to the Tidewater section of Virginia, that portion of America which witnessed the foundation of American history and economy. It borders on four great rivers, the Potomac, the Rappahannock, the York, and the James, whence sailed ships to England bearing America's first "money crop," tobacco. Along, or near, these once all-important arteries of communication, you can see today the early churches of the colonists and the plantations that supported them. You will see ancient pews where our forefathers worshipped and original English Communion silver, still in use today. Homes and plantations, some of which remain in the hands of the families that built them over two centuries ago, will have on display heirloom portraits, china, silver and rare antiques. Famous gardens and "parks" will delight you in their colorful Fall dress, as will the Autumn foliage along "The King's Highway," "The Tidewater Trail" and other routes of historic note that link the churches with the surrounding estates.

Take Virginia's Autumn Pilgrimage in October, 1962, and you will be rewarded with an authentic picture of America's heritage, for the Pilgrimage enables you to become acquainted with that portion of our nation which served as the well-spring of our economy, of our culture, and of our abiding religious faith.

The scope of this 1962 Pilgrimage embraces eleven Historic Churches, all located in Tidewater Virginia. Forty-two homes, plantations and national shrines are opening in support of them, and each church will share equally in the net proceeds from this tour.

The old churches include Vauter's Church, on Route 17, 15 miles north of Tappahannock; St. John's Episcopal Church, Warsaw, on U.S. Route 360 and Route 3; North Farnham Episcopal Church, Route 3, Richmond County; Christ Episcopal Church, Route 3 between Kilmarnock and Irvington; St. Mary's Whitechapel, on Virginia Route 201, four miles from Lively.

Others are Grace Episcopal Church, Yorktown; Bruton Parish Episcopal Church, Williamsburg; All Saints-Hickory Neck Church, U.S. Hwy. 60, one mile east of junction with 168; Merchant's Hope Episcopal Church, Route 10, east of Hopewell; Brandon Episcopal Church, 19 miles from Hopewell; Westover Episcopal Church, Route 5, north of the James River.

The Pilgrimage is progressive, starting in the Fredericksburg area October 20 and ending along the north and south banks of the James River on October 28. Each of three areas-Essex and Richmond Counties; Lancaster and Northumberland Counties, Yorktown, Williamsburg and James City County; and Charles City, Prince George, Surry County and Hopewell-will be open for three days. Visitors are advised to obtain brochures and study them carefully in order to avoid disappointment. Additional information is available from Virginia's Annual Autumn Pilgrimage, 3806 Chamberlayne Ave., Richmond 27, Va.

Itumn Pilgrimage, 3806 Chamberlayne Ave., Richmond 27, va. MAUD'S RESTAURANT *A Famous Restaurant* . . . In a Famous Town . . . We will be happy to arrange for Dinner Parties, Banquets and Special Occasion Events—Call 352-7211 for reservations "IT'S BETTER AT MAUD'S" Armomattox, Va.

Appomattox, Va.

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DUNCAN HINES



New Eastern State Hospital Building

- OCCUPATIONAL THERAPY & RECREATION BUILDING AT DUNBAR SITE -

BEN R. JOHNS, JR., A.I.A. Architect

NONSTRUCTION BEGAN in April of I this year on the new Occupational Therapy and Recreational Building at the Dunbar Site of Eastern State Hospital in Williamsburg.

The building, most of which is air conditioned, will be located at the center of the symmetrical arrangement of buildings and provide facilities for high grade patients. At the center of the main portion of the buildings will be a fully equipped 400-seat auditorium to be used for movies, church services and stage performances. Adjacent to the auditorium will be a gymnasium equipped with contest and practice basketball backstops, folding bleacher seating for 400 spectators and a coiling partition. Dressing and shower facilities are to be provided for both male and female, which may be used in conjunction with either a gymnasium or the stage.

Surrounding the gymnasium and auditorium are the various occupational therapy and industrial therapy classrooms and shops, including a band practice room, cabinet shop, radio television shop, auto shop, sewing room, art room, typing room and multi-purpose classroom and lounge space. A

BRANDT & MORSE Mechanical Consultants FRAIOLI-BLUM-YESSELMAN

Structural Consultants

GRAHAM BROTHERS General Contractor

Principal subcontractors and material suppliers from Richmond are Truscon Steel Div., Republic Steel Corp., steel windows, steel roof deck; N. W. Martin & Bros., Inc., roofing and dampproofing, waterproofing; Economy Cast Stone Co., stone work; Martin Tile & Marble Co., Inc., ceramic tile; John H. Hampshire, Inc., resilient tile, insulation, acoustical; The Staley Co., Inc., steel bucks.

steel bucks. Others are Woodrow W. Ford, Lynnhaven, piling; Montague-Betts Co., Inc., Lynchburg, steel; Walker & Laberge Co., Inc., Norfolk, glazing; Shaw Paint and Wall Paper Co., Inc., Norfolk, painting, plastic wall finish; Seaboard Paint & Supply Co., Inc., Norfolk, hardware; Weaver Bros., Inc., Newport News, millwork; E. H. Saunders & Sons, Inc., Hopewell, lighting fixtures, electrical work; R. Hugh Haynes Co., Inc., Wiliamsbure, plumbing fixtures, plumbing. Inc.. Williamsburg, plumbing fixtures, plumbing, air conditioning, heating and ventilating.

The greenhouse was supplied by Lord & The greenhouse was supplied by Lord a Burnham Construction Co., Irvington, N. Y.; gym and auditorium seating by Virginia School Equipment Co., Inc., Richmond; stage curtains by J. H. Pence Company, Roanoke. Graham Brothers is doing the work on excavating, foundations, concrete, masonry, car-

pentry, plaster and wood flooring.

greenhouse with a cutting garden will be located in the south yard.

The north wing includes a game room, a lunchroom, a post office and a library equipped for both staff and patient use.

Featured beyond the main entrance, in which changing displays of patient crafts will be exhibited, will be an interior courtyard where patients and visitors may enjoy sheltered relaxation.

The 53,000 square foot, one-story building will be constructed of steel columns, bar joists and roof deck, with wood piling and reinforced concrete floor and foundation. The exterior walls will be brick and masonry block cavity walls with Mo-Sai pilasters accenting the steel windows and Mo-Sai cornices and belt course. Interior partitions will be masonry block, painted, and a plastic wall covering will be used in certain areas. The ceilings will be suspended acoustic, generally with a lay-in system, with the exception of a curved plaster ceiling in the auditorium. Floors are to be generally vinyl-asbestos, except in the gymnasium where Granwood flooring will be installed.

The \$861,000.00 building is scheduled for completion in the fall of next year.

BASSETT RECREATION CENTER

J. COATES CARTER, A.I.A. Architect

> HAROLD H. DORTON Mechanical Consultant

STANLEY H. CLARK **General** Contractor

• The proposed Bassett Recreation Center which will be located on Route No. 712, in the Western section of the Bassett community was started in June, 1962.

The facilities include an olympic size swimming pool, wading pool, and playgrounds with adequate parking facilities near the building. The building plan provides for adequate shower and locker rooms for men and women, a spacious lobby and game room, meeting room, and kitchen facilities. The game room and meeting room can be combined into one space, without use of folding partition, to provide activity space of some 2,700 square feet. The



kitchen is so situated to serve meals in either area. Total building area is 8,500 square feet.

A section of the basket room between the locker rooms is designed as a concession space. One attendant can handle this section of the building.

Financing of the entire project is by the Bassett Furniture Industries.

The building is particularly for the colored personnel of the various plants of the Bassett Furniture Industries and is established near the center of a growing community. The project is expected to be completed within nine months with all sections of the building and

grounds ready for use by Spring 1963.

General contractor is Stanley H. Clark, Martinsville, with the following subcontractors or suppliers, all of Martinsville unless otherwise noted:

INSVIIIC UDIESS OUNCEWISE NOTECT: Martinsville Concrete Products. Inc., masonry supplier (Solite block); Martinsville Iron & Steel Co., steel; Southern Roof Deck Co., Roanoke, (Tectum) roof deck; J. Frank Stultz Roofing & Sheet Metal Co., roofing; Salem Glass Corp., Salem, glazing; W. Morton Northen & Co., Inc., Salem, glazing; W. Morton Northen & Co., Inc., Salem, Status Corp., Salem, Salem Salem, glazing; W. Morton Northen & Co., Inc., Richmond. acoustical tile ceiling, vinyl asbestos tile; Building Supply Co., Inc., millwork; Schlueter Electric Co., Collinsville, electrical work; Hackler-Seymour Metal Works, Inc., plumbing, heating and ventilating; Wm. P. Swartz, Jr. & Co., Roanoke, food service equip-ment; F. B. Hill, Contractor, folding door; Glazed Products, Inc., Decor-glaze masonry tile. Excavating, piling, foundations and concrete work is being done by the general contractor.

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PAGE THIRTY

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ROANOKE, VIRGINIA

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Masonry Contractor for the Stokes Residence, Featured on Page 17.

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NORFOLK, VIRGINIA Ceramic and Resilient Tile Contractor for the Dunning Residence, Page 25.



Electrical Contractor for the New Johnson-Carper Building, Featured on Page 21.

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1

Founded 1878



ST. JOHN'S AREA FIRE STATION IN RICHMOND

IOHN WHITMORE - PEYTON CHICHESTER Associated Architects

WAGNER & JONES Mechanical Engineers

PATRICK HENRY made his "give me liberty or give me death" speech in St. John's Church across the street from Richmond's new East End Fire Station. Therefore, the exterior be-longs to the days of the horse-drawn steam pumper. Beyond this all is modern and efficient. The museum displays firefighting relics and the man on watch provides 24-hour information for tourists.

Housing two engine companies, a ladder company, battalion chief, and emergency unit, this station answers an average of two alarms per day. The Battalion Chief rolls on the average of four times per day protecting countless historic buildings in this two centuryold city.

Fifty-two professional firefighters, on two shifts, are housed and fed in air

TORRENCE, DREELIN & ASSOCIATES Structural Engineers

conditioned quarters. Features contributing to their efficiency and comfort include terrazzo floors, washable glazed walls and plastic doors, bright fluorescent lighting, electric hose dryers, and a roof deck lounge. The rear entrance and washrack avoid backing in off the street and front yard truck washing. Aluminum apparatus doors spring open instantly and close automatically after the equipment has left.

Construction is "fireproof" and maintenance-free. Walls are brick and Solite block trimmed with limestone; roof structure is prestressed concrete. Outside, only the antique gas lights require

Photos: Above, view of the new building from St. John's Church. Below, interior view showing dining and kitchen area, with all plastic faced kitchen cabinets.

JAMES FOX & SONS, INC. **General Contractor**

painting as all windows and doors are aluminum and glass.

Principal subcontractors and suppliers, all of Richmond, were as followers:

E. G. Bowles, excavating; Kenneth L. Black, paving; Southern Materials Co., Inc., concrete; Redford Brick Co., masonry supplier; Hammond Masonry Corp., masonry contractor; Cruickshanks Iron Works Co., steel; Concrete Structures, Inc., prestressed concrete; N. W. Martin & Bros., Inc., presuressed concrete; N. W. Martin & Bros., Inc., roofing; Empire Granite Corp., stone work; J. S. Archer Co., windows, overhead doors; Hankins & Johann, Inc., aluminum doors; Allied Glass Corp., glazing; W. W. Nash, painting, plastic wall finish.

wall finish. Also, Martin Tile & Marble Co., Inc., terrazzo, structural and ceramic tile; McL. T. O'Ferrall & Co., resilient deck finish; Manson & Utley, Inc., caulking; J. B. Eurell Co., insulation; Pleasants Hardware, hardware; Bernhardt & Tay-lor Custom Cabinets, cabinet work; Roanoke Engineering Sales Co., plastic doors and steel bucks; W. L. Wachter, electrical work; Catlett-labaseon Corp. plumbing heating, air condition-Johnson Corp., plumbing, heating, air condition-ing and ventilating. Circul-Air Works, Detroit, supplied the

electric hose dryers.



to tell the Virginia Story

PAGE THIRTY-THREE



Wesley Foundation Building

METHODIST STUDENT CENTER, RADFORD

• The problem of tying an existing al building in with a new building was solved by placing a connecting link between the two with a pitched roof ce which extends across the front of the existing building and also ties in with the hip roof of the new building. The high roof in the center of the new building (with exposed wood tresses and wood decking) is above the fellowship hall, with light entering from both gable ends. This high gable roof

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ROANOKE

Acoustical and Plastering Contractor for The Berkshire Apartments, Page 14.

ATKINS, CURRIE & PAYNE: Architects-Engineers

also gives a spacious feeling from within.

The upper level of the new student center contains a fellowship hall, meeting room and stage, with entrance foyer and lounge located in the connecting link. There will be some renovation in the existing building, with a chapel being added on the first floor. The lower level of the new building contains meeting rooms, a recreation room, kitchen and toilets.

A band of glass is carried around the

J. T. Wharton, Jr., Equipment, Inc. 604 ROTARY STREET Phone CH 5-0431-Night PA 2-8653 HAMPTON, VIRGINIA LE-ROI AIR COMPRESSORS LINCOLN WELDERS FORD & JOHN DEERE BACK HOES PARSONS TRENCHERS GALION MOTOR GRADER INTERNATIONAL DOZER LE-ROI PAVING BREAKERS MARLOW PUMPS VIBRO-PLUS VIBRATORS WHITEMAN FINISHERS WACKER GAS TAMPERS HARMON SPACE HEATERS HOSE AND TOOL ACCESSORIES

VIRGINIA RECORD

building just below the first floor to allow the lower floor to be completely usable and gives the first floor a floating effect.

The main materials include brick on the exterior, plaster walls on the interior, plaster and exposed wood decking for the coiling, concrete slab on steel joist for the first floor and concrete slab on grade for lower level which has block walls.

Construction is expected to begin in the summer of 1962.





t Two Virginia Colleges

METHODIST STUDENT CENTER, VPI

ATKINS, CURRIE & PAYNE: Architects-Engineers

• The new Methodist Student Center for V.P.I. students will be located as close as possible to the campus in order that students may use the facilities conveniently. With construction scheduled to start about May 1, 1962, the new building should be ready for use within a year.

The very limited area of the site and a steeply sloping lot rising away from the entrance side posed special difficulties in planning the building. In deference to the surrounding residential area, an effort was made to keep the building low and to minimize its bulk. Without denying the essential educational and religious function of the building it was deemed essential to achieve a somewhat domestic quality in conformity with the Wesley Foundation's aim to provide the student with "a home away from home." The L shaped building nestled snugly into the ground was adopted in order to provide some open area on the small lot for use as a game terrace and for staff parking. The brick exterior, the sloping roofs, the picket fence and the unassertive character resulted from the desire that the new facility should form a harmonious transition between the institutional campus buildings on one side and private residences on the other. Particular pains were taken in the design to preserve a large and beautiful tree which will provide a design feature on the approach side adjacent to the main entrance.

With a split level scheme, one enters the fover and encounters the reception area with director and associate director's offices to each side. Also on this entrance level is a large multi-purpose dining area with complete kitchen facilities.

An auditorium, with large stage to seat three hundred is reached from the entrance level by going up a half flight

of stairs. It will be used for lectures, dramatic productions and occasionally as a chapel.

Continuing up another half flight of stairs, one reaches the second floor, which is above the entrance and multipurpose dining area. On this level are library, quiet large meditation room, student office, recreation room, noisy lounge, Wesley singers' room, storage areas, and toilets.

The basement, under the auditorium, is reached by going down a half flight of stairs from the entrance area. This area will contain dressing and class rooms, dorm rooms, with private bath, toilets, stage-set and craft workshop, storage areas, and boiler room.

The building will be brick construction with interior walls of plaster and brick. The ceiling in the multi-purpose room will be exposed Tectum while the auditorium ceiling will be exposed decking on laminated beams.

W. A. THOMPSON

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General Contractor for Stokes Residence. See Page 17.

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ROANOKE, VIRGINIA

Roofing Contractor for the New Johnson-Carper Building, Featured on Page 21.

to tell the Virginia Story

AUGUST 1962

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VIRGINIA RECORD

Founded 1878


5-STORY NORFOLK APARTMENT

WILLIAM BURTON ALDERMAN, A.I.A. Architect

A NEW CONCEPT in luxury apartment living for the Norfolk area is embodied in a five-story, 93-unit development. The site selected for the building is in an area which has a need for such a type of design, for the one and a half million dollar development will include a swimming pool and wading pool, sunbathing terraces, tennis courts, as well as spacious landscaped areas for family relaxation.

The tri-radial structure will provide club facilities in a penthouse on the top floor. Each apartment in the masonry and glass building will have private balconies overlooking selected views. A telephone monitoring service will be available to each tenant by turning a switch in the apartment before leaving the building. Plug in facilities for television are to be provided as well as built-in trash disposals. The central core of the structure will include all utilities as well as stairways and elevators.

All of the developers and principals are in their 30s and all are local natives. The two developers are S & L Enterprises and Ernest Gretes. Associated Consulting Engineers are the mechanical and structural consultants.

ASSOCIATED CONSULTING ENGINEERS Consultants

> Pre-stressed concrete will be employed in the structure, providing cantilevered balconies along the entire exterior facades. A spacious entrance lobby will include manager's desk and office suite. A barber shop, hairdresser, and coffee shop are conceived at the lobby floor as well as a lounge and shower rooms for swimmers. Three courts around the apartment building provide a main entrance connected to the parking area by a landscaped culde-sac with a sculptured reflection pool, a service entrance, and a terraced area at the pools.



to tell the Virginia Story

AUGUST 1962

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State Sen. William F. Stone of Martinsville, Virginia Highway Commissioner H. H. Harris and Deputy Commissioner F. A. Davis were interviewed by television newsmen just before takeoff June 15 on a 1,100-mile aerial inspection of the state highway system. Stone is chairman of the 10-man Virginia Highway Study Commission which took the tour. (State Highway Department photo.)

Highway Study Commission Tour

• The average speed was 175 miles per hour and there were no interruptions from stop lights, pedestrians or traffic congestion when the Virginia Highway Study Commission toured the state's highway system June 15.

The Commission sped over highways in each of the eight construction districts, viewed highway problems and bottlenecks at key points from the Atlantic to the Appalachians and in the process observed major highway projects close to the state line in Maryland and North Carolina.

Virginia Highway Commissioner H. H. Harris was host for the special flight, which had been suggested to the study group at its organizational session in Richmond on May 18.

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NORFOLK, VIRGINIA

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Dunning Residence

(Continued from page 25) a large window wall on one side and glass borrowed lights on the dining room side. For informal family living and dining it is connected directly with the kitchen.

In the work center of the house a compact utility room, adjacent to both the carport and the kitchen, provides not only storage and space for mechanical and electrical equipment and washing and drving facilities, but also is equipped with a small toilet.

The kitchen is complete with all built-in cooking facilities and efficient cabinet space, as well as a small breakfast bar-planning center. Because of a wide overhang at the front, daylighting is supplemented by a skylight.

The major economy lies in the roof construction which consists simply of rafters, held to the minimum pitch at which three-tab shingles could be applied and plastered underneath, thus forming cathedral ceilings in all spaces. For further economy a slab was used, raised 12 inches above grade. A careful blending of brick veneer and texture one-eleven plywood presents a pleasing and economical exterior.

All walls and ceilings are insulated with accordion type foil insulation and heating is by a hot water baseboard system.

General contractor was Edward S. Martin & Co., Norfolk, with the following subcontractors and suppliers, all of Norfolk:

ff Norfolk: Masonry, Metcalf & Henry; structural steel and miscellaneous metal, Globe Iron Construction Co.; roofing and sheet metal, Fett Roofing Co.; aluminum awning windows, Holmes and Murray Mfg. Co.; plastering, Burle Woods; ceramic and resilient tile, J. C. Law & Son, Inc. Also, marble, Ajax Co., Inc.; hardware, Sea-board Paint & Supply Co., Inc.; glass and glazing, Walker & Laberge Co., Inc.; insulation, Ayers Insulating & Supply Co.; plumbing, heating and ventilating, Roy White; lumber and millwork, Burton Lumber Corp. Kitchen cabinets were by Borowood Corp.

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Subcontractor: Plumbing, Heating and Ventilating for Bassett Recreation Center. See Page 30.

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Electrical Contractor for Fauquier County High School. See Page 24.

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ROANOKE, VIRGINIA Painting Contractor for Upholstery Division Plant, Johnson-Carper Furniture Co., Inc. See Page 21.

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NEWPORT NEWS, VIRGINIA Ceramic Tile Contractor for the Stokes Residence, Page 17.

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to tell the Virginia Story

AUGUST 1962

PAGE FORTY-ONE

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Painting Contractor for the Fauquier County High School, Page 24.



WILLIAMSBURG POST OFFICE (Continued from page 13)

21,000 square feet of floor space and is air-conditioned throughout.

The service and box lobbies have a patterned terrazzo floor, while the work areas are covered with resilient vinyl asbestos tile.

Cooperating throughout in the development of the facility, the United States Post Office Department relaxed its design and color requirements to permit a colonial-type building with public spaces which probably are unique among post offices. The box and service lobbies contain details of colonial flavor, including paneling, chair rail, cornices and pilasters, and incorporate direct and indirect lighting integral with the cornices. A much wider use of colors was achieved and the white lobby walls are offset with trim of blue and rust.

The work area is standard for post office functioning. A high level of illumination is provided for the 34 employees who handle the 45,000 pieces of mail daily. The loading platform, designed so that it is screened from three sides, can service 14 trucks simultaneously.

A partial basement contains the heating plant, electrical switchgear, and air-conditioning equipment.

The new building contains approximately double the amount of space in the old North Henry Street structure it replaced. Owned by Colonial Williamsburg, the building is leased to the Post Office Department.

Put into use on April 1, the post office was dedicated formally on May 12 when Postmaster General J. Edward Day made the principal address. The ceremony was preceded by a visit to the old Printing Office and post office on Duke of Gloucester Street by the Postmaster General and members of the official party, and a street parade from that point to the new post office.

General contractor for the new post office was Philip Richardson Company of Williamsburg. Principal sub-contractors and suppliers were as follows:

Southern Materials Co., Inc., Norfolk, concrete supplier; Ranhorne & Granger of Williamsburg, Inc. and Colonial Brick, masonry suppliers; Herbert A. Brown, Inc., Newport News, masonry contractor; Houck & Greene, Div. of Tredegar Co., Richmond, steel, steel roof deck, handrails; N. W. Martin & Bros., Inc., Richmond, roofing.

Inc., Richmond, roofing. J. A. Deatherage Stone Co., Inc., Greensboro, N. C., stone work; Miller Mfg. Co., Inc., Richmond, windows, paneling, glazing, millwork; Thrall Brothers, Williamsburg, painting; Ajax Co., Inc., Norfolk, ceramic tile, terrazzo; Southeastern Tile & Rug Co., Inc., Hampton, resilient tile; E. S. Chappell Co., Inc., Richmond, weatherstripping.

Weatherstripping.
A. D. Stowe, Portsmouth, insulation, plaster;
Pleasants Hardware, Richmond, hardware; Howard P. Foley Co., Richmond, lighting fixtures,
electrical work; Noland Co., Newport News,
plumbing fixtures; Service Plumbing & Heating
Co., Williamsburg, plumbing, air conditioning,
heating and ventilating; J. S. Archer Co., Richmond, steel doors and bucks.
Phillip Richardson Company, the general con-

Phillip Richardson Company, the general contractor, did the work on excavating, foundations, carpentry, waterproofing, and structural wood.

ROY WHITE PLUMBING & HEATING, INC.

Plumbing & Heating Contractors

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Phone 587-1703

NORFOLK, VIRGINIA

Contractors for Plumbing and Heating on Dunning Residence. See Page 25.

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Phone 434-2153

HARRISONBURG, VIRGINIA

VIRGINIA RECORD

SLEEPY HOLLOW MANOR (from page 18)

service, an emergency power system has been provided.

The finishes have taken into consideration protection against damage by wheelchairs, stretchers and carts. The corridors are of a durable vinyl plastic material which can be easily cleaned. Floor materials and equipment in patient areas were selected for their ability to withstand frequent cleanings and for non-retention of odor.

The heating system will maintain a temperature of 75 degrees F for all areas used by patients, with avoidance of drafts and cold spots taken into particular consideration.

The following factors were included in the system: maintenance of constant uniform temperatures, odor control, reduction of the spread of respiratory infections. Therefore, a combination hot water system for heating and a chilled water system for cooling, which has individual temperature controls in each patient's room and some other patient areas, was included. Circulated air is circulated only within the patient's room. A special hot water coil system runs around the perimeter of the building below the floor, thus affording patients warm exterior walls.

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PAGE FORTY-FOUR

ONCE IN A LIFETIME

(Continued from page 5)

We passed through the town of Mechanicsville, where the highways converged at gas stations and eating places, and then we halted again. We needed a long look at the maps, not for orientation, but to recapture the image of the country when Mechanicsville was a village drowsing at the crossroads. We were also early for the movement of the attack along the road to Beaver Dam Creek, which was delivered between six and seven. So we drove along the highway, what had been called Old Church Road, to look at the locations where Hill's other brigades extended the advance, while waiting for the long overdue arrival of Stonewall Jackson.

Where the narrowing stream now crosses under a bridge barely distinguishable from the highway, we located the crossing of Hill's left brigade, commanded by Brigadier General Joseph R. Anderson. Anderson was a West Pointer who, leaving the army to enter industry, had first become the manager and then the owner of Tredegar Iron Works. Anderson would soon be transferred back to the converted war plant, where he carried on something of a one-man battle against U. S. industry. On that long ago June 26, General Anderson got one brigade across the creek, where the men huddled in a thicket, waiting to establish contact with a Jackson who was never coming.

By the time we left the scene of



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Anderson's engagement, the intruding present had been expunged from our minds, and our imaginations had completed the projection into another time. When we returned to Mechanicsville and into the winding road on the line of the assault, no effort was required to look through the houses as though they were not there. (Unless this triumph of the inner eye over optical impressions can be made, parts of most battlefields are no more than real estate developments.)

On the road over which we moved slowly—ignoring the impatient blasts made by all-too-modern motorists—the brigades of Dorsey Pender and Roswell Ripley had advanced at the same hour 100 years before. Pender's North Carolinians belonged in A. P. Hill's Division; Ripley's Brigade, of North Carolina and Georgia Regiments, was the first unit which D. H. Hill had gotten over the Chickahominy from the south bank. Everything was in confusion. President Davis and his entourage formed a group outside the village, near that of Lee and his staff, and both Lee and Davis urged D. H. Hill to send in Ripley on A. P. Hill's right.

The Federal position occupied a ridge on the eastern side of the steepbanked Beaver Dam Creek. Where the road from Mechanicsville turned to cross the creek, the Federal position was protected by the wide millpond of Ellerson's Mill. In front of the millpond and on both sides, entangled brush impeded the progress of attacking troops. On the opposite hillside, the Federal infantry was formed in tiers, with guns on the crest. Pender had attacked this position earlier and his inexperienced troops recoiled. It was General Lee's hope that Ripley, extending Pender's right, could turn the Federal flank by moving close to the Chickahominy, where the Federal's hill sloped away toward the river.

Ripley seemed either not to understand the assignment (everybody was giving him orders) or to suffer a constriction of his faculties at the commitment to combat. A West Pointer with Mexican War experience, Ripley had married into a South Carolina family and had for some years been engaged in business in Charleston. During the first year of the war, his activities had been in organization of state troops and he had come with his untried brigade to Richmond less than one month before. Ripley was an assertive, contumacious man, openly disapproving of all superiors, and quite suddenly he was to lead regiments in a crucial action across an open field.

Ripley was brave enough. Most all of

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VIRGINIA RECORD

them knew how to die. Leading effectively was something else. His troops, in relatively new uniforms, formed in regular lines as in a picturebook charge, their red flags, innocent of battle names, hanging limply in the still heat near the end of day. The two regiments who were supposed to make the turning movement, the 44th Georgia and the 1st North Carolina, marched straight ahead for perhaps half-a-mile. Under the spray of lead from the batteries across Beaver Dam Creek, the still-faced men would not come under infantry fire until their lines passed over the cultivated fields of the Catlin farm.

Where the troops reached the plateau of this farm, my friend and I turned off the road and onto the private drive of the present owner, Mr. J. W. Carter. Once the traffic was left behind, no effort of the imagination was required as we moved across the same fields, looking at the same grove of trees shadowing the same house that stood at the same hour when Ripley's doomed men marched toward the slope leading down to the creek. At the house, we exchanged courtesies with Mr. Carter, a gentleman in his seventies who has lived at the old Catlin place for the past 56 years. He explained what changes had been made on the house and explained that, as far as he knew, the ground between the house and the river was unchanged since the evening when Ripley's troops crossed.

We followed a lane between cultivated fields until we reached a heavily foliaged light woods, about one-half mile from the road. There we abandoned the car and approached the underbrush of vines and creepers growing nearly a foot above the ground. Parting the vividly green vines that draped the trees, we peered down a slope to the sluggish river. This was the slope by which Ripley might have reached the flank at the end of the Federal hill, but if any of his men followed this course they were not in force.

We withdrew from the entangled woods, bringing out three later discovered ticks but encountered no moccasins. My friend wore heavy shoes coming above his ankle and he was nervous for me, wearing only open sandals. We then turned alongside the wooded slope paralleling the river and crossed the edge of the field where peas were growing toward the fateful incline down which Pender and Ripley led their men to the death-trap at the creek bottom.

It was then seven-thirty, about the hour when Ripley's battle-innocent troops rushed with their high screams

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down the hill to the matted brush at the bottom. Nobody kept his eye on a watch during the action. The men remembered the sun was setting and that was around seven-thirty. On reaching the pit at the bottom of the hill, Ripley recognized the hopelessness of his Napoleonic heroics and the men sought such shelter as they could find. It was more dangerous to go back than to stay where they were. Near the creek bank the troops were out of artillery range.

As dusk was settling, one of D. H. Hill's batteries unlimbered on the plateau behind them, and the fire of the four guns distracted the enemy enough so that, as night fell, the men could crawl out, bringing their wounded. Silently we walked back through the falling light to where the automobile presented the only object that did not belong on the field of a century before. The cool of the evening came on, and partridges fluttered by.

Mr. Wellford had, at some considerable effort, discovered two oldfashioned tin-cups of the sort that served the Confederates as an allpurpose utensil. These were filled from a thermos with a liquid for which the poor, underfed soldiers had constantly pined-coffee "from Java," as they said. In the stillness of the evening, we drank to the men who had died on that field that the Confederacy might live. If it lived only four years as a nation, it has lived at least one century in the hearts of men, and become an imperishable legend of courage and devotion to all mankind.

A bob-white calling was the only sound on the field of the tumult and the dying which we commemorated. As we turned to leave the quiet fields, we were somewhat awed by the realization that in all the world we were the only people who had or ever could observe the one hundredth anniversary of the opening battle of the great campaign that, lifting the siege of Richmond, brought Lee into his fame. The sensation would be difficult to communicate, but the mood was not broken by a return to the city, its night streets lit by neon, and it is not likely ever to be forgotten. For any kind of anniversary of an historic hour, an equivalent of this pilgrimage by two friends can be heartily recommended. Where our parents' generations needed fireworks for celebrations in the quiet tenor of their days, silence now provides the moving change.

Clifford Dourday

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(Thomas L. Williams photo)

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