Mr. Road Builder:

Have you considered all the advantages of Full-Depth Asphalt construction?

Modern technology shows that Full-Depth Asphalt construction is the newest, best and most economical pavement you can build. Full-Depth Asphalt pavement is the down-to-earth answer to all of your road and street problems with respect to serviceability, cost and efficiency.

Consider these advantages:

1. The versatility of Full-Depth Asphalt pavement permits construction tailor-made to the needs and conditions of any area.
2. Full-Depth Asphalt pavement is economical and quickly constructed.
4. Asphalt pavement stretches road-building dollars by making stage construction possible. Pavements can be strengthened in depth, and/or widened, as the need arises. Each successive layer, or stage, then becomes an integral part of the entire pavement structure and substantially increases its load-carrying capacity.
5. Snow melts faster on Asphalt pavement and surfaces are unharmed by snow- and ice-removal chemicals.
6. Full-Depth Asphalt pavement can be trenched and patched easily when sub-surface utility lines need repair.
7. Asphalt pavement provides greater safety. Skid resistance is higher, and there is greater visibility of striping and other traffic markings.
8. Asphalt pavement is smooth and continuous. There are no annoying joints and no dangerous summer blow-ups.

Taken together, the facts add up to this: inch-for-inch and dollar-for-dollar, your best road and street investment is modern Full-Depth Asphalt pavement.

A SAFER SMOOTHER SURFACE ON A LONGER-LASTING BASE

DEEP-STRENGTH ASPHALT PAVEMENT

THE ASPHALT INSTITUTE
1901 Pennsylvania Ave., N.W., Washington, D.C. 20006
J. T. WOMACK & COMPANY

WATER & SEWER LINES
GRADING & PAVING

St. Reg. 7791
COMMERCIAL — INDUSTRIAL

PHONE 855-3081
3442 AZALEA GARDEN ROAD
NORFOLK, VIRGINIA

---

W. M. JORDAN CO., INC.

Commercial — Industrial — Governmental

St. Reg. #4636

11010 Jefferson Ave.
Phone 596-6341
NEWPORT NEWS, VIRGINIA

---

LOCHER BRICK CO., INC.

GLASGOW, Rockbridge County, VA.
Telephone CLifford 8-2853

Manufacturers in Virginia since 1847
Manufacturers Handmade Claywares since 1929

SALES AND SERVICE OFFICES—Virginia; Contact local building supply dealer or dial Glasgow CL 8-2853. North and South Carolina; phone Rocky Mt. 6-5810 or Charlotte phone Franklin 6-1149. Georgia and Southeastern States; phone Atlanta TR 5-0043.

---

PETROLEUM MARKETERS, INC.

P. O. Box 1656, Richmond, Virginia
Phone Milton 8-7281

R. G. ROOP, President
H. GODWIN JONES, Vice President
LUCIUS F. CARY, JR., Vice President and Sales Manager
Building a new branch office?

Build it better with First Family Brick

Building, re-modeling or simply adding-on... be sure to call for first family brick. The exclusive blend of clays found in first family brick assures your branch of new strength, unique and lasting beauty — the look of "home office" quality. Build it better — build it right... with first family brick.

Brick from Boren, Kendrick, Broad River. Crafted with pride, fired with beauty.

BOREN
KENDRICK BROAD RIVER

Divisions of Boren Clay Products Company, Pleasant Garden, N.C.
A Visitor From Another Time

THE HISTORIAN, Dr. Cyphermann, was the last passenger to leave the monorail cars at the inter-zone stop in Richmond. He did not like to hurry on these research trips, and he was pleased to observe that the downtown heart of the city had a natural area of openness provided by the campus of the University of Richmond. The rolling green hills, trees and shrubs, and even a lake, provided a welcome contrast to the monotonous similarity of the malls and geometrically designed "parks" built in the downtown centers of most American megalopolises. To the east of the campus rose a complex of massive buildings which comprised the center of operations for Megalopolitan Richmond. In the old days, Dr. Cyphermann had been told, a country club occupied that valuable urban property. Now, where an ancient road had once run its hazardous way, he stepped down from the sidewalk to the streetolator.

This was a local streetolator, for short journeys, and it moved at such a slow rate of speed that even mothers with children could step on and off while it was in motion. But the express streetolator went too fast for a leisurely observation and he wanted to see the remaining vestiges of the old part of the original city. He was always fascinated to come upon townhouses, two and even four stories tall, which a single family had occupied in those old cities when a megalopolis had been divided into an urban center, semi-urban areas radiating from it and from those detached areas called suburbs. The remaining houses in Richmond's old urban center, once the city proper, called up Georgian London to Dr. Cyphermann and, in another way, the extravagant grandeur of Rome.

In studying the past, he felt some tribal nostalgia for a city life he could never know, and he often speculated on precisely which period he would have preferred from the first small urban centers of the late middle ages, built around the craft guilds and the individual merchants, to the apogee of the world cities in the early twentieth century. The early times would have been cozier but there must have been a radiantly exciting quality in Paris and New York City around the years of—what, with appealing provinciality, they called—The First World War.

Yet, it was hard to imagine enduring the inconveniences the people bore in those cities of the past. He was not bothered, at least in his imagination, by the physical inconveniences of the houses—the lack of inside plumbing, of radiant heating, of electronic lighting, of photo-radiophones, of controlled ventilation, and such like. After all, the great works of art and poetry and compositions of music produced from the 15th through the 19th centuries reflected joy in living, ranges of powerful emotions, and a certain nobility (if naive) in the aspiration of the human spirit. Clearly, the physical crudeness did not impair the development of the individuals. It was at a later time when the inconveniences outside the houses seemed unthinkable to Dr. Cyphermann.

Where he now glided past the varicolored synethone fronts of the silent buildings, the automobile-machines had filled the narrow space of the streetolator between the sidewalks. One person drove this huge
Architects Perkins and Will achieve an awe-inspiring architectural effect with the use of BUCKINGHAM® SLATE PANELS from Virginia on the magnificent United States Gypsum Building. The natural character of the multi-million year old slate panels reflect the beauties and wonders of this earth while the structure, a marvel of modern building technology, soars into space above Chicago. Like brush strokes across an artist's canvas, the natural cleft texture of the BUCKINGHAM® SLATE adds dimension and humanistic feeling to the whole city area and the building becomes a timeless work of art. Catalogs on BUCKINGHAM® SLATE panels, flooring and roofing in Sweet's and Stone Catalogs. Listed in AIA Building Products Register.

BUCKINGHAM-VIRGINIA SLATE CORPORATION, 1103 EAST MAIN STREET, RICHMOND, VA.
RALPH GORDON ECHOLS
Born in Bluefield, West Virginia on September 12, 1929, he received a B.S. and M.S. Degree from V.P.I. prior to obtaining a Master of Architecture from Harvard, in 1960. Since September, 1960, Echols has been an associate professor at V.P.I. He has held a Mellon Fellowship at the University of Pennsylvania and has traveled extensively in Europe and South America.

THOMAS J. ETHERTON
A native of Lynchburg, where he...

to tell the Virginia Story

THE STALEY CO., INC.
STEEL & ALUMINUM WINDOWS
STEEL DOORS
METAL SPECIALTIES
TRUSCON STEEL BUILDING PRODUCTS

PHONE MILTON 4-4539
2205 TAZEWELL ST.
RICHMOND, VA.

ANOTHER APLITE ROOFING JOB...

Figboro Elementary School, Martinsville, Virginia.

here's how—The architect selected IMC Aplite. Aplite is fast becoming the No. 1 choice because it is a superior roofing chip with many benefits.

- Costs only $6.50 a ton in bulk truckloads, f.o.b. Piney River, Va.
- Applied Aplite saves at least $2.00 a square compared to other chips.
- Locally produced at Piney River, Virginia.
- Aplite can save you additional money if picked up by your trucks.
- Attractive off-white in color.
- Reflects on a par with other accepted roofing chip materials.
- Uniform size—minus ½” mesh, plus ¼” mesh.
- Readily available in any tonnage.

You can make these savings, too. Just call us at Piney River, Virginia, C'Estwood 7-5272.
INDUSTRIAL SALES CORPORATION

We have been appointed the authorized dealer for General Fireproofing business furniture and equipment in the Richmond area

We now have on display the complete line designed and manufactured by General Fireproofing . . . the nation's business furniture leader. Designers available, members N.S.I.D. Thalhimers Industrial Sales Corp., 1925

Westmoreland St., MI 3-4211
Richmond, Va.
Ample Free Parking

DONALD R. EVANS

Educated in Danville, where he was born January 6, 1936, Evans graduated from George Washington High School in 1954. He is currently a partner in the firm of Thompson & Evans, Associated Architects, in his hometown.

GRAHAM L. EVANS, JR.

A partner in the Richmond firm of Holcombe, Vaughan & Evans, he was born in Richmond, September 15, 1934. Evans earned his Bachelor of Architecture Degree from the University of Virginia in 1958.

(Continued on page 10)
DIROM INSULATING COMPANY

JAMES L. FORD, Owner
6th and Cabell Streets
LYNCHBURG, VIRGINIA

Charlotte Glass & Mirror Co.
GLASS FOR EVERY PURPOSE
KAWNEER VISUAL STORE FRONT CONSTRUCTION
24-Hour Emergency Service
Distributor for MIRAWAL PORCELAIN BUILDING PANELS
Phone 293-9188
CHARLOTTESVILLE, VIRGINIA

HOLMES STEEL COMPANY
Fabricators and Erectors of Structural and Miscellaneous Steel
REINFORCING STEEL JOISTS
Phone 266-9606
3114 Aspen Avenue
Richmond, Virginia

MARTIN TILE & MARBLE CO., INC.
- CERAMIC TILE
- MARBLE
- TERRAZZO
COMMERCIAL — INDUSTRIAL
RESIDENTIAL
2512 Grenoble Road
RICHMOND, VIRGINIA
Phone 288-1232

Marshall Ready Mix Co.
Concrete for Any Purpose
Phone 793-2715
1025 Monument Street
DANVILLE, VIRGINIA

J. W. Enochs, Inc.

— Builders —

GL 8-6338

HOPEWELL, VIRGINIA

MARTIN TILE & MARBLE CO., INC.

GARBER’S INCORPORATED
Trading as THE OVERHEAD DOOR CO. OF RICHMOND
4400 Williamsburg Ave.
RICHMOND, VA.
Phone Milton 8-3041
Waynesboro Concrete Products Company
Phone WH 3-6341
300 N. Winchester Street
WAYNESBORO, VIRGINIA

FRANK S. LEAKE CONSTRUCTION COMPANY
General Contractor

INDUSTRIAL & COMMERCIAL NEW CONSTRUCTION & RENOVATIONS
"Budget Estimates & Negotiated Contracts Receive Maximum Attention"

Marse Building • Suite 107
4905 Radford Avenue Richmond, Virginia 23230
PHONE 358-2307

500 Million years young ---
NATURAL SLATE

An ageless beginning - - - yet today Natural Slate is "of age" in the modern designing trend. Its neutral color and velvet-like finish complement perfectly today's colorful decorating schemes.

Only a product of Nature can provide such dependable service under hard usage conditions. Natural Slate is sanitary, durable, strong, non-absorptive and will not contract or expand.

For your protection insist on Slate quarried in Pennsylvania, U.S.A.

NATURAL SLATE BLACKBOARD CO.
and THE STRUCTURAL SLATE CO.
PEN ARGYL, PENNSYLVANIA

JOHN P. C. HANBURY
An associate architect with Williams & Tazewell & Associates in Norfolk since 1959, he was a Professional Associate of the Virginia Chapter for one year before recently becoming a Corporate Member. A 1957 graduate of the University of Virginia, this Portsmouth native, who was born May 16, 1934, has traveled throughout Europe.

JOHN P. HUGHES, III
Born August 7, 1923, in Lynchburg, Hughes received an M.S. degree from Virginia Polytechnic Institute in 1951. Since July, 1960, he has been a draftsman with Clark, Nexsen & Owen in Lynchburg, and was an Associate Member of the Virginia Chapter, AIA, before recently becoming a Corporate Member. (Continued on page 38)

MR. BULK BUYER:
IT COSTS LESS
to buy the best!
Wax & Cleaner for Floors
Seals for Wood,
Terrazzo & Concrete
Write for folder.
PERROW
CHEMICAL CO.
HURT, VA.
Architect Browne's Residence
THIS HOME and guest cottage situated on a wooded lot overlooking the Blue Ridge Mountains, was designed to give the feeling of a lodge with the warmth of its wood walls and ceilings. Program requirements were that it be as maintenance free as possible both on the interior and exterior, that it blend with its surroundings, be expandable and take advantage of the view.

The entrance to the main house is across a wooden bridge through a planted area of Japanese holly, portulaca, potted bamboo and river wash gravel into the entry foyer which allows direct circulation to the various areas.

The flanking wings are slab on grade with a post and beam system 2" tongue and groove wood deck serving as the structure and interior finish, with bays at 6'-0" centers. The truncated "A" section contains the children’s play room in the basement, the living room and entry level, and the studio-library areas which are supported by heavy timber trusses sheathed with similar wood decking at 9 foot centers. The midpoint cross member of the truss carries the studio library areas creating a 17 foot cathedral ceiling over a portion of the living room. The three levels are connected by the circular wood staircase which is comprised of 6-inch by 8-inch blocks of wood with the tread projecting from the center stack of blocks.

The living room opens to the wooden deck through the large sliding glass doors at the end which doubles the living room area and provides an unobstructed view of the mountains. All the interior paneling, resawn exterior siding, decking, exposed structural member and staircase are of Douglas Fir.

Both bathrooms are wood paneled and contain showers finished in cypress wood, carrying out the warm feeling the owners required. Although no precedent was available on the use of cypress in showers, a specification was written which required special nailing and joining. These have been in use for many months during which time moisture penetration was closely studied and found to be non-existent. Ceiling mounted sunlamps and heat lamps outside the showers aid in drying after usage.

(Continued on next page)
The door hardware was selected so that the wood handle could be locally made. These are of IPIL wood sometimes called ironwood or oilwood by the natives in the Pacific where it grows. This wood requires no finish as the natural oil contained in the wood comes to the surface as it is worked.

Most of the light fixtures are custom designed using local sheet metal and millworking shops for the fabrication of the shades and wall sconces. A separate guest cottage gives family and guests privacy. It is visually connected with the main house by a post and beam trellis of treated 8-foot by 8-inch timbers and a concrete walk of exposed aggregate. It is similar in shape to the center portion of the main house using a different truss arrangement. The entire interior of the cottage including the tub surround is of redwood. It is electrically heated and completely self-sufficient.

Future expansion of the main house is provided for by extending the hallway through the closets at the end into two more bedrooms with additional closet areas or by developing the carport into the formal dining area. The latter expansion is being planned for this summer.

One of the most interesting observations concerning this novel house is the way original skepticism on the part of the construction crews gradually turned into interest and pride in a job well done, in carrying out details such as the heavy trusses, cypress showers, spiral staircase and other details, so much so that many brought their families and friends to see the house. The owners counted 32 visitors on one Sunday afternoon prior to their moving in. People still drive up the driveway for closer inspection, the more determined usually ending up with a guided tour of the complex.

**SUBCONTRACTORS & SUPPLIERS**

Edwin L. Leake, Proffit, was the general contractor, with the following subcontractors and suppliers, all from Charlottesville unless otherwise noted:

Gardner Sheet Metal Shop, roofing, heating; Colonial Tile Corp., resilient tile; Gilmore, Hamm & Snyder, Inc., carpet; Charlottesville Lumber Co. & Home Materials, millwork; Piedmont Electric Supply Corp., lighting fixtures; Noland Co., plumbing fixtures; and Home Materials, hardware, cypress showers & doors. Also Weyerhaeuser Co., Baltimore, Maryland, roof deck and structural wood.
BODNER & MANUEL, INC.
ESTABLISHED 1937
St. Reg. 4269
AIR CONDITIONING • REFRIGERATION • HEATING
DISTRIBUTORS • CONTRACTORS • ENGINEERS
Phone 622-7063 537 W. 21st Street
NORFOLK, VIRGINIA

SILAS S. KEA
& SONS
General
Contractors

INNAMORATO & PAVONE
COMPANY
Masonry Contractors
St. Reg. No. 3755
"Specializing in Church & School Construction"
Phone OV 3-3080 2107 Mount Vernon Ave.
ALEXANDRIA, VIRGINIA

BURNER ELECTRIC SERVICE
Electrical Contractors
RESIDENTIAL — COMMERCIAL
INDUSTRIAL
PHONE 743-5051
30 NORTH BANK STREET
LURAY, VIRGINIA

W. B. DAVIS
Masonry
Contractor
Brick & Block
Days: Phone 233-7605
Nights: Phone CO 6-4578
512 East 8th Street
RICHMOND, VIRGINIA

STEVENS SUPPLY CORP.
Wholesalers of Plumbing-Heating-Cooling Supplies
• Kohler Plumbing Fixtures • Stewart-Warner
• Nat’l-U.S. Heating Equipment • Armeo Steel
• Jackson Water Heaters
     First Street West
RADFORD, VIRGINIA
Phone—639-3955

MAY 1966
PAGE FIFTEEN
ALEXANDRIA's new James K. Polk School was designed primarily to house first through sixth grade pupils but wide community use of the building will be encouraged.

While the main objective is the education of children, other uses of the building were considered and facilitated in the design.

The library is located and designed in such a way that it can be used conveniently by the public. There is an outside entrance to the library. Another enticement to community use of the building is the convenient placement of the multi-purpose room and dining room off the main entrance. The two rooms are separated by folding partitions which provide greater flexibility of the space and make it possible for large groups to hold meetings or stage other activities. The building also is totally air-conditioned and thermostatically controlled for year-round use.

City recreational programs are conducted on the school play fields, so the outside equipment storage area is conveniently located. Toilets also are located so that they can be reached from play fields without going into the building.

The very nature of educating children in this grade range dictated the design of the 900-student school. There are two basic groupings of classrooms—primary and upper elementary—each somewhat self-contained but related to mutually shared facilities. There is minimum cross circulation between the two groups but administrative functions are provided for advantageously. The facilities common to both groups—multi-purpose room, dining room, administrative unit and library—have been situated around an inner open court which provides a focal point of the school for a variety of activities.

Another interesting feature of the school is the flexibility found in the music and multi-purpose rooms. The music room is directly behind the multi-purpose room stage. Acoustical folding partitions in front and back of the stage can enlarge the music room or the stage or isolate the stage as a teaching station. Thus stage, multi-purpose room and music room can be used simultaneously.

(Continued on page 45)
With opening of the John Adams Middle School this year, the City of Alexandria will embark on a new two-part program to meet educational and community needs.

The school is the first in the city to be built as a middle school and will accommodate students in the seventh and eighth grades. It also is the first school in the city to be designed for complete year-round community use.

To meet the educational aspects of the building, the school was designed to accommodate a fairly standard, departmentalized education program, but is so adaptable as to facilitate changes that may arise as the middle school program is developed.

The school also will be the location of a satellite unit of the City Recreation Department which will conduct community social, recreational and intellectual programs at night and between school sessions to meet needs of adults and students. This will be a self-contained unit consisting of a game room, two flexible club rooms, director's office, kitchenette and storage unit. The unit is located in close proximity to the school's physical education and vocational facilities and near the art and music, homemaking and industrial arts departments. At the same time, the outdoor play areas—volley ball, basketball, tennis courts and football fields—are so located as to be convenient for school use as well as community use.

The $2,026,000 building is located on an extremely odd-shaped site with limited access. The school is situated on a flat area but the "dog-leg" portion of the site has some severe topographical changes which have been utilized—wooded areas are left in their natural state for the community recreation program; cleared areas are used for sports fields of many types.

Architect for the school was Vosbeck-Vosbeck & Associates and the general contractor was M. L. Whitlow, Incorporated. The contract for the 132,000

(Continued on page 46)
The continued expansion of the residential sales department of Harrison and Bates prompted the decision to form a separate corporation known as "Harrison and Bates Residential Sales," headed by Charles W. Shields, Jr.

Based upon this growth, it was decided to construct and maintain separate facilities for the corporation in an area which would be centrally located to all residential areas of metropolitan Richmond.

The firm of Edward F. Sinnott and Son, A.I.A., was commissioned to design a structure for the Patterson Avenue location which would offer an identity for the new corporation and have a residential air about it. At the clients request, a traditional facade was to be the main design theme.

Brick quoins were employed in the load bearing perimeter walls, along with heavy window muntins and mullions and thick butt concrete shingles, to recall a style of architecture with which the client wished to be associated. The one-story building is 73 feet x 86 feet and is divided into two equal areas by a central bearing wall. Steel bar joists and insulated metal deck, roof the areas. Floor construction is concrete slab on grade with an underfloor electrical and telephone duct distribution system. Floors are finished with vinyl asbestos tile and carpeting. The ceiling is suspended mineral fissured acoustical tile. Interior partitioning is accomplished with vinyl faced wallboard having aluminum batten strips, base and door frames; same are easily demountable to accommodate any future occupancy. Air diffusing light fixtures, with ducted supplies and returns to the rooftop heat pumps, provide heating, ventilating and air conditioning, in this all electric building.

Founded 1878
THE WALRUS AND THE CARPENTER
WERE WALKING CLOSE AT HAND:
THEY WEEPED LIKE ANYTHING TO SEE
SUCH QUANTITIES OF SAND:
"IF THIS WERE ONLY CLEARED AWAY,"
THEY SAID, "IT WOULD BE GRAND."

Alice In Wonderland

Lewis Carroll's Alice in Wonderland characters, the Walrus and the Carpenter, undoubtedly would pin a hero's budge on West Sand and Gravel. For clearing away sand and gravel to make safe highways and strong buildings is our business. And when the dust of our operations has cleared away, monuments to better living are seen... such as Interstate 95 and 64... the additions to the Medical College of Virginia and Richmond Memorial Hospital... the new John Marshall and George Wythe High Schools and many more. Mining of sand and gravel is temporary but the result is lasting works that make life better for all the people. West Sand and Gravel Company, as an active member of the business and civic community of the Richmond area, is proud to have been a part of its growth and progress.

WEST SAND & GRAVEL CO., INC.
RICHMOND, VIRGINIA

CRUSHED GRAVEL • MASONRY SAND • PLASTER SAND
CONCRETE SAND • ROUND GRAVEL • CRUSHED STONE

smart builders specify genuine
SANFORD BRICK...

When architects, contractors and other building specialists specify genuine SANFORD brick, they know they can rely on the quality that has earned an international reputation for the Sanford Brick and Tile Company. Strict quality control from clay to completion... a choice from more than 225 colors, textures, sizes and finishes... and careful shipment by train or truck are some of the important reasons why you will benefit by specifying brick from the "Big S" kilns for your next building project.

SANFORD BRICK AND TILE COMPANY
SANFORD, NORTH CAROLINA

The Road to Freedom
THE MARCH OF THE LONG KNIVES

In the summer of 1778 the Long Knives, a small army commanded by George Rogers Clark, captured Forts Kaskaskia and Vincennes. These were two of a chain of Britain's forts with which she intended to hold the Northwest Territory.

Their capture was a stunning American victory. But Clark, with pitifully few men, could leave only a small garrison at Vincennes. In December, the powerful British recaptured it. They planned to take Kaskaskia in the spring.

Hearing of their plans, Clark did not wait for spring. The Long Knives marched. Marched in bitter winter, over the flooded Illinois prairies, often breast-deep in icy, swirling water. In February, they captured both fort and commander. The Northwest was ours.

Is this a road—180 miles of icy, flooded prairie? The march of the Long Knives made it so—a shining stretch in our Road to Freedom.

The road to freedom is seldom a highroad, with bands playing and flags flying. It is more often a rough way, unmapped, through darkness and danger. It has not been the way of ease and expediency, but the way of individual initiative and determination, that has paved our long American Road to Freedom.

George Rogers Clark, Conqueror of the Northwest

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA
Plans for this building were influenced by two factors: a city sewer which runs diagonally across one corner of the site, and the owner's requirement that the office portion be located at the sidewalk. In keeping with this, the office portion is concentrated at one side of the front warehouse wall. The site has been entirely paved to allow for parking and to reduce maintenance. A brick retaining wall at the sidewalk forms a screen to the front parking court.

The office portion is faced with brick and has metal windows and doors. The interior has a hung acoustical ceiling with lay-in units. Walls are wood with a stained finish. The owner's office has plywood paneling and the floor is carpeted. The warehouse features exposed concrete block walls and a concrete floor.

The roof system is prestressed concrete in "double tees." This system was chosen for reasons of security, for the absence of interior columns it allows and for the cleanliness and "uncluttered" effect of the ceiling. The roof slopes toward the rear of the building providing natural water drainage to a gutter, which necessitated setting the "double tees" with the slope perpendicular to their span rather than parallel with it. This was accomplished by a sloping bond beam in the bearing walls; 8 x 8 x 16 bond beam block were set vertically in the wall for two courses and the sloping beam poured inside. Two-inch partition block, sawed to fit, were set between the legs of the "tees"; thus, masonry coursing was not broken.

Hot water baseboard heaters supply the heat in the office portion, which is also air conditioned. The warehouse is heated with gas-fired unit heaters. The warehouse is heated with gas-fired unit heaters. Hung from the ceiling.

SUBCONTRACTORS & SUPPLIERS
(All Richmond firms unless otherwise noted)
Frank B. McAllister, Inc., general contractor, excavating, foundations, carpentry, waterproofing; Capital Concrete Corp., concrete; Scruggs & Thomas, masonry; Concrete Structures, Inc., prestressed concrete & roof deck; Richmond Steel Co., Inc., steel; N. W. Martin & Bros., Inc., roofing, insulation; Roanoke Engineering Sales Co., Inc., windows, steel doors & bucks; Street & Branch, Inc., painting; H. Beckstoffer's Sons, millwork; R. M. Greene, electrical work; Kane Plumbing Co., Inc., plumbing; R. E. Orcutt Co., plumbing and air conditioning.
**Hesse & Hurt**
INCORPORATED

**Painting**
**Wall Coverings**
**Glazed Coatings**

Commercial—Industrial

TELEPHONE DI 2-4645
P. O. BOX 231 • ROANOKE, VIRGINIA

---

**READY MIXED CONCRETE**

2 PLANTS TO SERVE YOU
CALL

Prompt Delivery
Radio Dispatched

649-0713

Capital Concrete Corp.
Darbytown Rd. — Dahney Rd.
RICHMOND, VIRGINIA

---

**RICHARD L. SHOUGH**

Painting & Papering Contractor

RESIDENTIAL
COMMERCIAL — INDUSTRIAL

Phone ME 2-6042  P. O. Box 390
MARTINSVILLE, VIRGINIA

---

**THE BONITZ INSULATION COMPANY**

Asheville — Greensboro — Goldsboro
Box 686  Box 1289  Box 1079
ACOUSTICAL CEILINGS
GYPSUM & PERLITE ROOF DECKS
PRECAST ROOF DECK
COLD STORAGE ROOMS
OFFICE PARTITIONS
ALLWEATHER CRETE

---

**In Virginia**

Make Your Real Estate Headquarters...

**For Commercial Property**

**Harrison & Bates**
INCORPORATED
Realtors

2 S. FIFTH STREET  MI 4-2965  RICHMOND, VA.

**For Residential Sales**

**Harrison & Bates**
RESIDENTIAL SALES, INC.
Realtors

5421 PATTERTON AVENUE  288-0031  RICHMOND, VA.

Harrison & Bates, an Accredited Management Organization
Wish Over 55 Years' Experience

---

MAY 1966
W. R. MANCHESTER, INC.

GENERAL CONTRACTORS
ST. REG. #2062
COMMERCIAL — INDUSTRIAL
RESIDENTIAL
637 S. Van Dorn Street
Phone 354-5636
Alexandria, Virginia

FRANK B. McALLISTER, INC.

GENERAL CONTRACTOR
ST. REG. NO. 7434
COMMERCIAL — INDUSTRIAL
Phone 232-7138
126 Agency Avenue
Richmond, Virginia

THOMPSON READY MIX
DANVILLE
QUALITY CONCRETE PRODUCED BY MODERN
AUTOMATED CONCRETE PLANTS
RADIO DISPATCHED TRUCKS

"A House Is No Better Than Its Foundation"

Thompson's Ready-Mix, Inc.
CALL 792-1144
Bryant Avenue, Danville, Virginia
CHATHAM PLANT: DIAL HE 2-6071

GEARED — GEARLESS
OILRAULIC
PASSENGER & FREIGHT
ELEVATORS
—
ROTARY INDUSTRIAL LIFTS
LOADING DOCK EQUIPMENT
STAGE LIFTS
—
ESCALIFTS — HOMELIFTS
DUMBWAITERS

DOVER ELEVATOR COMPANY
P. O. Box 2910
ROANOKE, VIRGINIA
Nearly three hundred thousand dollars has been spent on a three-story-and-basement expansion program at Grace Hospital in Richmond.

Architect Samuel N. Mayo, A.I.A., described the project as an addition which is tied back into the existing building with changes that make the two work together and provide an up-to-date facility.

The basement of the new addition contains two x-ray rooms and an x-ray office, a cystoscopic room, fracture room and locker rooms for men and women.

Doctors' offices, a medical library and medical record room occupy the first floor.

There are seven semi-private rooms and a ward on the second and third floors offering a total of 18 beds on each floor. Also on each of these floors of the addition are a utility room and pantry and a floral storeroom.

Existing nurses stations are used on these floors to serve the new patients in the addition.

(Continued on page 47)
MEL COLLINS
GENERAL CONTRACTOR

RESIDENTIAL

PHONE 877-0782
102 ELLA TAYLOR ROAD
YORKTOWN, VA.

BENJAMIN KRICK

HYATTSVILLE
MARYLAND

R. Stuart Royer & Associates

Consulting Engineers

15 W. Cary St. Richmond 20, Va.

Dial MI 4-2651

WATER SUPPLY SEWERAGE SYSTEMS
SEWAGE DISPOSAL

Incineration — Rate Studies

E. E. COLLINS, INC.

Plumbing, Heating and Cooling

St. Reg. 7107

COMMERCIAL — INDUSTRIAL — RESIDENTIAL

2411 N. Glebe Road
Office: JA 8-8068
Home: JA 7-5682
ARLINGTON 7, VIRGINIA

CHESAPEAKE STEEL, INC.

Steel Fabricators & Erectors

3468 Westminster Ave. Phone 622-1836
P. O. Box 7082 Norfolk, Va.

RICHMOND
READY MIX CORP.

RADIO DISPATCHED EQUIPMENT

CALL 644-7806

FOR ANY CONCRETE REASON

Plant Locations
Rady St. Loumour Ave.
RICHMOND, VA.

PAGE TWENTY-FOUR
VIRGINIA RECORD
In Charlottesville as in many parts of Virginia there are fine old ante-bellum homes standing on greatly reduced areas of open ground. One such is the property of Mr. Nathan Poole of Farmington.

This particular property of 124,000 square feet faces on State Route 754 formerly known as the "Old Ivy Road" and at one time as the Charlottesville-Staunton Turnpike.

This is just outside the city limits and adjacent to the grounds of the University of Virginia, the new University Hall and Field House.

In mid-1965, Mr. Poole seeking to develop this property in such a manner as to use and preserve the fine existing old house, proposed with his architects that studies be prepared along these lines.

The property is in the shape of a long triangle averaging in depth only about 210 feet. The old house is tree shaded and surrounded by fine plantings. The rolling land in this area provides a 30 foot fall in the land across the long dimension even though a large area around the existing house is for practical purposes level.

It was decided early in the planning to retain and restore as necessary, the existing home. This might be developed for use as a two-unit apartment building, a fine food restaurant or a combination Gift, Tea Room, Antique Shop.

Studies were made to develop the property for residence use. It was desired that the original character of the property be retained and that the development should be natural to that character. Thus evolved the idea of development along the lines of a fine old home surrounded by a cluster of guest quarters and studio houses.

Because it was decided the property should support 20 rental units, realization of this ideal was considerably hampered until the idea of a barn apartment was conceived. Then it became a job of determining where on the property a large barn would most likely have been placed. Design then a building representing an old, remodeled barn structure to contain eight apartments and place it accordingly.

After that it was natural to develop three, four-unit house-studio clusters. These were conceived as a main guest house (two units) with studio wings. The studio is possibly the more interesting of the spaces developed. It consists of an open interior space under a beam supported mansard roof with one glass wall rising into a dormer nearly as high as the ridge of the roof. Within this space an open balcony is reached by a free-standing circular stairway. Kitchen and bath are tucked under the balcony.

The project as developed in design to date is shown in the picture of the design study model.

Existing trees have been preserved. Necessary streets and parking have been blended so far as possible into a landscaped topography.
The site for this residence is in an exclusive neighborhood. The lot was by-passed for many years because of its low elevation. All of the surrounding lots were draining to the one low lot. It was decided to create an artificial lake behind the house to collect the water, and to use the excavated material to raise the house. The overflow from the lake is drained into an existing storm drainage system. The house was positioned on the lot so it would give an inviting feeling from the main approach.

To provide good circulation the kitchen was placed in the center of the living area. The clerestory above the kitchen defines it on the exterior as the focal point of the residence. In the sleeping area, two of the bedrooms can be joined by opening a folding door. This provides a spacious playroom for daytime use.

The utility room was placed in the bedroom wing serving as a "mud" room for the children. There are pass-through openings from the adjoining bathrooms into a clothes hamper located under the sink in the utility room.

Construction is simple conventional wood framing with redwood board and batten siding and stone veneer. Interior walls are of plaster with the exception of the foyer, family room and master bedroom, which have walnut paneling.

Air conditioning is provided in a two-zone system with separate controls for the living and sleeping areas. Electric radiant heat serves the entire house with individual room controls. The heating cables are located in the ceiling except in the bath rooms and the kitchen where the cables are placed in the floor as well.

The house is equipped with radio controlled garage door, intercom system, generous closet and storage space and many built-in items. Both interior baths have skylights. Skylights are also located in the foyer and the living room.

SUBCONTRACTORS & SUPPLIERS
(All from Portsmouth unless otherwise noted)
Manning Brothers, Inc., general contractor; George Smith, painting; J. E. Carroll Insulating Co., insulation; Jack Richardson, plaster; Foster Linoleum & Tile Co., resilient tile; W. C. Osborne Plumbing & Heating, plumbing; Pierre Heating & Air Conditioning Co., air conditioning & heating; Southern Materials Co., Inc., Norfolk; concrete; George Conwel, Rich Square, N. C, masonry; McDaniels and Sons Roofing Corp., Chesapeake, roofing; H. L. Morgan, Suffolk, ceramic tile; Baldwin-Myers Co., Chesapeake, handrails; Smith Electric Co., Virginia Beach, electrical work.
LASZLO ARANYI—AIA  
Architect

Ladies Specialty Shop  
For David A. Rawls  
Hampton Boulevard  
Norfolk

- This is the new home of David A. Rawls, Inc., Ladies Specialty Shop. The firm moved to this location after being in downtown Norfolk since it was founded in 1923. The new location is close to the expanding Old Dominion College campus.

Besides the store, the building contains a two-bedroom apartment on the second floor.

Subcontractors and Suppliers
(All from Norfolk)
Lindemann Construction Co., general contractor, masonry; Chesapeake Steel, steel; E. A. Odenthal & Co., Inc., roofing; Pittsburgh Plate Glass Co., windows; O'Ferrall, Inc., acoustical; Wood's Plastering Co., plaster; Ajax Co., Inc., ceramic tile; Driskill & Ives, Inc., electrical work; Kemp's Plumbing & Heating Corp., plumbing.

SUGGESTIONS FOR A SUCCESSFUL BUILDING PROGRAM

By Edwin H. King, A.I.A.

of

Lee, King & Poole

- Success in any building program of a large organization can be measured in direct proportion to the care exercised in three things:

  First, the care in selecting the architect;

  Second, the care in selecting the organization representatives who will play parts in the procedures;

  Third, the care in fixing the procedures to be followed.

Harmony in the total effort is in direct proportion to open-mindedness exercised by all. Do not make final decisions on anything until absolutely necessary.

The architect will prove to be the most important single factor. He should be expected to provide:

1. Overall direction of the total process, subject to periodic review and approval by organizational representatives;

2. A high degree of planning and design talent;

3. Sufficient technical manpower to carry out all professional responsibilities.

Selection of an architect should be the very first move. Once selected, use his services completely, beginning with his recommendations for getting started with the planning. Do not attempt to economize by using anything short of complete architectural services. A little more expenditure than might appear necessary will pay bigger dividends than anything else that can be done. He is your diagnostician and the only person qualified to prescribe the physical facility necessary to meet your total needs.

The next move will be the selection of a building committee. This committee should be composed of individuals most familiar with the overall policies, purposes and functions of the organization. Knowledge of buildings is unimportant and can prove detrimental. The primary function of this committee is to act on all recommendations of the architect, thus providing him with guidance necessary to keep the total planning process headed in the proper direction. Depend on the architect for initiative.

Some one individual should be designated for "on call" advice and information.

(Continued on page 37)
Think of these doors as masses of color and texture...

then put your artistry to work.

You can create a masterpiece of functional design with Ceco "Color-style" Décor Steel Doors. They are made for you to use as a pallet, to arrange in wall treatments of breathtaking beauty. They also open and close quietly, to let people in and out.

You can have these doors smooth or embossed. They come in seven colors, so appealing we can't think any others would be wanted. But for large projects, you can have others.

What do these doors cost? About the same as standard steel doors painted on the job (but much better because our finish is baked). Also about the same as first-quality wood doors (but our doors remain as true as steel).

The faces are seamless. The edges are finished. By that, we mean they are not raw, as some doors. Color-style doors have honeycomb cores which give them a low decibel sound.

Ask for catalog 2063-B. The Ceco Corporation, general offices: 5601 West 26th Street, Chicago, Illinois 60650. Sales offices and plants in principal cities from coast to coast.
This residentially scaled funeral home is situated between two churches on Route 7, approximately 1/4 mile from the Seven Corners Shopping Center in Fairfax County. A service drive along Route 7, with a large parking lot at the rear of the building, facilitates the formation of funeral processions in an orderly manner with very little interruption of traffic.

Circulation within the building was a primary concern to give privacy to each family during the three main public functions: arrangements, viewing, and services. An elevator is provided for the convenience of the families as well as the movement of the heavy caskets.

The building has been beautifully decorated with many reproduction pieces in the viewing rooms. The spacious lounge has been informally decorated in an Early American motif. The chapel has walnut pews to seat 120 and the building has been designed to receive an addition when it becomes necessary. This can be accomplished at a minimum of expense and with no interruption of business.
This fifteen-acre development of 143 rental townhouse units has been designed to give each resident a feeling of urban density and intimacy and at the same time respect the privacy of each individual. The units are clustered around the perimeter of the site, leaving approximately 30% of the total area for recreational purposes. All of the units have parking at the front door and most have parking at the rear, with an overall parking ratio of 2 1/2 spaces to each unit.

Enclosed rear patios with a minimum of 700 square feet have been designed to give the individual families enough room to maintain their privacy, if they so desire, while the recreational areas invite the occupants to participate collectively.

Minimum on-site grading will preserve many trees. Varied fence and wall designs, planter boxes, lights and meandering walkways will accent the topographic characteristics of the site.

There are four basic types of living units with several variations of each to permit access at either the first floor or the ground level. Numerous elevations are available to give each unit its own individuality. Separate foyers, two fireplaces, separate dining rooms, dens, open stairways and recreation rooms with wet bar, are typical of the conveniences which have been incorporated into these homes.

Financing has been completed and construction began in February on the first 25 units. 45 more units will be started in late spring with the balance scheduled for spring of 1967.
Design of the new Hooper Allstate Building on Route 7, in Falls Church, was a direct result of limited space on a deep and narrow site. Elevation of the building and a front to rear orientation allowed circulation and at the same time provided the necessary parking.

The first floor of this building is set back to provide drive-throughs to a rear parking area and to provide cover for the entrances. It is a steel frame building with precast concrete panels recessed into the frame.

Subcontractors & Suppliers
- E. N. Hooper Construction Co., Inc., Falls Church, general contractor, excavating, carpentry, paneling;
- Sweetman & Hall, Inc., Falls Church, foundations; Virginia Concrete Co., Inc., Springfield, concrete;
- Bristol Steel & Iron Works, Inc., Bristol, steel; Inland Steel Products Co., Baltimore, Md., steel roof deck;
- Lacey Studio, Inc., Manassas, stone work; Allen Glass Co., Inc., Alexandria, windows, window walls;

Leesburg Park and Shop, a new shopping center at Bailey's Crossroads, utilized a linear design because of a long, narrow site. In order to relieve the straight line front, a buffer area was incorporated in the design in front of the main concourse. This area allows adequate visibility of the individual shops while at the same time planting areas, sheltered with wooden decks with structural steel supports, provide visual relief and space for the shopper to break away from the crowd for a moment's relaxation.

An effort to express the design through understatement was felt appropriate in this extremely commercial area.
The recently completed 2.8 million dollar Langley Senior High School, in McLean, provides the right kind of learning environment for 2,000 students. Located on a tree surrounded rolling site the school takes advantage of the sloping terrain and a compact shape to reduce both construction and site work costs to a minimum. The slope from front to back allowed entrance levels at the second floor giving opportunity for an esthetically pleasing break from traditional entrances.

Most of the school is located under one roof level, a total of 209,136 square feet, with gym and loft spaces running through the two stories. Structurally, the building is bearing wall and steel frame with steel joists. Face brick was used inside and out on finished walls, keeping painting and maintenance to a minimum. Even with air-conditioning throughout, construction costs came in under $12.00 per foot.

Subcontractors and Suppliers

STOCK TEES
A NEW SERVICE

Now Concrete Structures, Inc. maintains a large inventory of double tee roof panels in 40, 50 and 60 foot lengths.

This is important to you because:

PRODUCTION SAVINGS MAKE STOCK TEES LOW IN COST.

YOU CAN GET IMMEDIATE DELIVERY.

Glave and Newman, Architects—William Davis, Engineer—and Frank B. McAllister, General Contractor used stock tees on the new building for Richmond Amusement Sales Co. (See description on page 20.)

FIND OUT HOW YOU CAN GET THE BEST ROOF STRUCTURE AT A COMPETITIVE COST.

CALL

Concrete Structures

POST OFFICE BOX 1262
RICHMOND, VIRGINIA 23210
TELEPHONE 644-1971
Area Code 703

I.T.T. BUILDING
1707 L STREET, N. W.
WASHINGTON, D. C. 20036
TELEPHONE 296-1788
Area Code 202

to tell the Virginia Story

MAY 1966

PAGE THIRTY-THREE
The Continuing Education Building will be the first phase of the proposed Roanoke Continuing Education Center. The 35-acre site is located on Colonial Avenue within the city limits and is immediately adjacent to Fishburn Park. The topography varies from gently sloping to steep. The southern part of the site is clear of trees and the northern part heavily wooded.

The building will contain 28,681 square feet and 373,208 cubic feet, and is designed to accommodate a variety of facilities until later buildings are constructed. The ground floor, which will ultimately open onto a landscaped plaza, will contain classrooms, stairs, service areas, and mechanical equipment spaces. The 250-seat lecture room can be entered from this level, as well as from the first floor.

The first floor will contain the main entrance lobby, administration facilities, staff lounge, library, toilets, student lounge, and 250-seat lecture room, and stairs. When a separate library building is constructed, the area now devoted to the library will be turned into additional teaching or administrative space. The second floor will contain stairs, toilets, faculty offices, science labs, and classrooms. In addition to the interior stairs, an outdoor stair leading down to ground level will be provided from the second floor. This stair is needed in order to meet the requirements of the Virginia Fire Safety Regulations, and it was decided that this solution would be less expensive than a third inside stair. The stair will be designed in such a way that it will harmonize with the building.

The building will be of fireproof construction. The construction will be reinforced concrete frame utilizing a two-way concrete waffle slab for the first floor, second floor and roof. The ground floor will be concrete slab on grade. The exterior walls above grade on the ground floor will be field stone backed with concrete masonry units. Ground floor exterior walls below grade will be reinforced concrete. Exterior walls of the first and second floors will be precast concrete panels with exposed aggregate finish. Panels will be backed with concrete masonry units. All exterior exposed concrete columns, floor overhang fascias, and roof fascia will be smooth finished poured-in-place concrete. Windows will be gray tinted heat-absorbing glare-reducing glass set in anodized aluminum frames. Exterior doors will be glass with aluminum frames. The roof will be the built-up type over rigid insulation. The equipment enclosure on the roof will be textured precast concrete.

Interior partitions will be painted plaster over concrete masonry units with an alternate using painted exposed concrete masonry units. Partitions in toilets will have a factory-applied glazed finish. Floors will be vinyl asbestos tile. Ceilings will be suspended acoustical tile. Interior doors will be solid core wood with formed steel frames and aluminum hardware.

In general, the building will be provided with year-round air conditioning, except for classrooms with outside windows. These areas will be designed for future cooling. Water service will be from the city water system. Electrical service will be underground and will be distributed to the building from a transformer vault on the ground floor.
THE Martinsville Fire Department is located near the center of town and adjoins the congested business district. This locality provides convenient access to the various routes of travel through the one-way street system of the city. It also adjoins the most inflammable area of the city.

The plan provides for a lounge room with television for the firemen and a quiet isolated dormitory. It also has a multi-purpose room for meetings and dining adjoining the kitchen.

The building is equipped with a hose drying tower and a hose washing trough in the apparatus room. An adjoining room called the mud room is used for handling and washing clothes of firemen when they return.

The entire building is air-conditioned with the exception of the apparatus room.

The building was completed and occupied April 4, 1966.

SUBCONTRACTORS & SUPPLIERS
(All Martinsville firms unless otherwise noted)

R. H. HARRIS & CO.
Plastering Contractor

Plain & Ornamental Plastering
Stucco & Cement Work

Phone 293-3677 or 293-6424
201 Seventh St., S.W. Charlottesville, Va.

W. H. BELANGA & ASSOCIATES, INC.
General Contractors
St. Reg. 6351

Residential — Commercial Industrial
Specializing in Rehabilitation of Present Structures

1001 W. 44th St.
Phone 622-3255
Norfolk 17, Virginia

W. H. BELANGA & ASSOCIATES, INC.
General Contractors
St. Reg. 6351

Residential — Commercial Industrial
Specializing in Rehabilitation of Present Structures

1001 W. 44th St.
Phone 622-3255
Norfolk 17, Virginia

WOODBRIDGE CLAY PRODUCTS CO.
McLean, Virginia Telephone: 893-4500

Burgess Construction & Contracting Company
General Contractors
St. Reg. #4419

Commercial — Industrial

Phone 643-8589
P. O. Box 9113 Richmond, Va.

MITCHELL
STEEL BUILDINGS IN COLOR . . .

S. R. GAY & CO., INC.
P. O. Box 641
LYNCHBURG, VA.
VI 7-6693

LANE BROTHERS
Painting * Wall Covering Contractors

210 East Brookland Park Boulevard
Phone 649-0543 Richmond, Va.

PAGE THIRTY-SIX VIRGINIA RECORD
Suggestions . . .
(Continued from page 27)

information to the architect. The highest executive in the organization should see to this function either personally or by delegation.

Once these steps have been completed, schedule a meeting of all parties. This meeting should be in two parts. First, allow full expression of expectations, intentions and needs. Following full discussion, decide on procedures to be followed and agree upon immediate objectives to be reviewed and acted on at the next meeting. Follow this process until dedication day.

SAMUEL L. GIBBS
General Contractor
St. Reg. 7609
RESIDENTIAL
COMMERCIAL
INDUSTRIAL
Phone 421-3152
Route #5, Box 331
Chesapeake, Virginia

Central Electrical Service Corp.
ELECTRIC CONTRACTORS
PROMPT & EFFICIENT
ELECTRICAL SERVICE
RESIDENTIAL REPAIRS
INDUSTRIAL & COMMERCIAL WIRING
MAINTENANCE AND REPAIRS
NEW INSTALLATIONS
ELECTRIC HEATING
RESIDENTIAL AND COMMERCIAL
DIAL 353-5531
REGINALD E. BAKER
RICHARD M. FORD
3103 W. Leigh St.
Richmond, Virginia

Kenbridge Construction Co.
General Contractors
RESIDENTIAL — COMMERCIAL
INDUSTRIAL
Phone 676-8221
KENBRIDGE, VIRGINIA

BRYANT ELECTRIC
COMPANY, INC.
ELECTRICAL CONSTRUCTION
SINCE 1924
Va. State Reg. No. 443
P. O. Box 1430
HIGH POINT, NORTH CAROLINA

LANDSCAPE PLANT MATERIAL
For Housing Developments and Home Plantings. Offered by Virginia's Largest Growers of a Complete Line. Liberal discounts to dealers and contractors. Ask for Free Copy 48-page Planting Guide Catalog in color, offering Landscape Plant Material, also Fruit Trees, Nut Trees, Grapevines and Berry Plants

WAYNESBORO NURSERIES
WAYNESBORO — VIRGINIA

ARVEX, INC.
PLUMBING, HEATING & AIR CONDITIONING CONTRACTORS
St. Reg. #7680
Phone 938-0330
437 Mill St., N.E.
VIENNA, VIRGINIA

COOPER ELECTRICAL CONSTRUCTION COMPANY
Electrical Contractors
COMMERCIAL
INDUSTRIAL
Dial 275-8439
1023 Huffman Street
GREENSBORO,
NORTH CAROLINA

WAYNESBORO NURSERIES
WAYNESBORO — VIRGINIA

to tell the Virginia Story

MAY 1966
PAGE THIRTY-SEVEN
More than $425,000,000 in Virginia Mortgages

Twenty Years of Growth through Excellence

MORTGAGE INVESTMENT CORPORATION
400 E. MAIN STREET
RICHMOND 18, VA.

RICHMOND • NORFOLK • ROANOKE • NEWPORT NEWS •
FALLS CHURCH • CHARLOTTESVILLE • BRISTOL

DEVOE PAINT
DIVISION OF CELANESE COATINGS COMPANY

Our experienced decorators will be pleased to prepare color schemes and painting schedules for you. No obligation.

FACTORY BRANCHES

2409 Westwood Avenue
Richmond
Phone: 355-7881

1705 Franklin Road, S.W.
Roanoke
Phone: 344-7721

(Continued from page 10)

JOHN EDWARD KENNEDY

Kennedy, who was born in Norfolk on February 28, 1934, is a graduate of V.P.I. where he earned a B.S. in 1956. For the past year, he has been a partner in the Norfolk firm of Konicoff & Kennedy, and was a Professional Associate and Associate member of the Chapter almost seven years prior to his recent acceptance as a Corporate Member.

OSCAR E. NORTHEN, JR.

After studying at Mars Hill Junior College and receiving a B.S. in Architecture from the University of Virginia in 1954, Northen studied City Planning at Yale two years, earning an M.S. degree in 1960. This Charlotteville native was born January 8, 1931, and is currently associated with John S. Waller & Associates at Virginia Beach.
JACK G. STARR

An Associate and Professional Associate member of the Virginia Chapter, AIA for almost four years, Starr recently advanced to Corporate membership. Since 1956, he has been with Clark, Nexsen & Owen in Norfolk. He was born in Memphis, Tennessee, April 15, 1929.

RUDOLPH S. TAYLOR

Born in Hanover County, March 31, 1918, Taylor earned a B.S. in Building Construction from V.P.I. in 1948 prior to obtaining an M.S. in Architecture the following year. A member of Tau Sigma Delta, honorary fraternity, he has been with Clark, Nexsen & Owen in Norfolk since 1955. For the past two years, he has been a Professional Associate Member of the Virginia Chapter, AIA.

(Continued on next page)

to tell the Virginia Story
G. Warren Vaughan

A partner in the Richmond firm of Holcombe, Vaughan & Evans, he is a native of Chesterfield County, where he was born March 2, 1932. A registered architect in Virginia and Maryland, he earned his Bachelor of Architecture Degree in 1959 from North Carolina State University.

Byron F. Williams

A native of Newport News, where he was born September 16, 1932, Williams currently has his own architectural firm in Hampton. While a student at Catholic University, where he received a Bachelor of Architecture Degree in 1957, he won first prize in the Whitney Warren Competition of the Beaux Arts Institute of Design.

(Continued on page 43)
McCLARY TILE, INC.
Ceramic Tile and Terrazzo
Phone 354-9542 5918 Farrington Ave.
ALEXANDRIA, VIRGINIA

BRANDT-DICKSON COMPANY
Mechanical Contractors
COMMERCIAL — INDUSTRIAL
St. Reg. #5312
1027 North Fillmore St. Phone 524-3330
ARLINGTON, VIRGINIA

The Walter E. Campbell Co., Inc.
FRANCHISED DISTRIBUTORS FOR
NATIONAL GYPSUM COMPANY
ZERO-O-CEL & THERMA-THANE
RIGID POLYURETHANE
Phone (202) 399-0100
1235 Kenilworth Avenue
Washington, D. C. 20019

CULPEPER STONE CO., INC.
Crushed Stone for
CONCRETE — DRIVEWAYS — HIGHWAYS — BARN LOTS
FARM ROADS — RIP RAP
CULPEPER PLANT: 6 miles east on Route 3 Phone 825-0455
FREDERICKSBURG PLANT: 2 miles west on Route 639 Phone 373-2111

FREDERICKSBURG SAND & GRAVEL CO.
GRADE A SAND & GRAVEL
PLANT: 5 Miles East of Fredericksburg on Route 3 Phone 373-2849 — Fredericksburg, Virginia

D. W. Allen & Son
Mechanical Contractors
St. Reg. # 5500
PLUMBING — HEATING ELECTRICAL
Phone PARkway 8-3057
HILLSVILLE, VIRGINIA

Earl K. Rosti, Inc.
General Contractor
State Reg. No. 4749
INSTITUTIONAL AND COMMERCIAL
Phone 560-5511 P. O. Box 9
FALLS CHURCH, VIRGINIA
THOMAS HARRIS & COMPANY
MANUFACTURERS’ REPRESENTATIVES
QUALITY LIGHTING • ELECTRIC SPECIALTIES
Strategic Office Locations For Your Convenience

RICHMOND
TOMMY HARRIS
P. O. Box 919
Pho. 266-3185

ARLINGTON
WYNN MEREDITH
3529 B. S. Stafford
Pho. 549-8313

ROANOKE
BOB DAVIS
P. O. Box 4095
Pho. 774-6029

VA. BEACH
BUD HUSTED
404-27th St.
Pho. 428-8717

WHITENER & SKILLMAN
General Contractors
SPECIALIZING IN FEDERAL, STATE AND MUNICIPAL GOVERNMENT PROJECTS IN THE METROPOLITAN WASHINGTON AREA
929 West Broad St. Phone 332-0566
FALLS CHURCH, VIRGINIA

FITZGERALD PLUMBING & HEATING INCORPORATED
Plumbing Contractors
RESIDENTIAL — COMMERCIAL — INDUSTRIAL
Phone CO 6-0618
7113 Staples Mill Road Richmond, Va.

ALLEGHANY READY MIX CORP.
Concrete — Stone
P.O. Box 61 Phone 862-5139
LOW MOOR, VIRGINIA

VALLEY BLOX, INC.
VALLEY CONCRETE PRODUCTS CORP.
Manufacturers of SOLITE HIGH PRESSURE CONCRETE MASONRY UNITS
Manufacturers of Concrete Products LUMBER — MILLWORK — BUILDING SUPPLIES
Phone 434-6725 Harrisonburg, Va.

MAY 1966 PAGE FORTY-THREE
AIA NEWS

Associate Members

DARRELL F. BRANSTETTER
(No Photo Available)

Born in Boulder, Colorado on March 5, 1932, he attended night school at the University of Colorado and at the Georgia Institute of Technology in Atlanta for four years. For the past three years, Branstetter has been a design draftsman with Hayes, Scay, Mattern & Mattern in Roanoke.

ELLWOOD L. OWEN
(No Photo Available)

Since February, 1961, Owen has been a draftsman with the Richmond firm of Wright, Jones & Wilkerson. He is a 1961 graduate of V.P.I., where he received a Bachelor of Architecture Degree. A native of Richmond, he was born May 31, 1937.

EDWARD A. SMITH, III
(No Photo Available)

A native of Richmond and 1964 graduate of the University of Virginia, where he earned a Bachelor of Architecture Degree, Smith also attended the Ecole d'Art Americaine in Fontainebleau, France for three months in 1963. He is currently a designer with E. Tucker Carlton in Richmond.

CORRECTION

The coverage of the Dolph Residence in VIRGINIA RECORD, February, mentioned but neglected to name the Architectural Team of the University of Virginia. They are:

Roger H. Clark
Carlo Pellecchia
John L. Ruseau and
H. Kenneth White.

CARL D. CRESS, JR. AND
WILLARD C. RHODES

have announced
the merger of their offices and formation of a new partnership.

CARL D. CRESS, JR.—
WILLARD C. RHODES and
ASSOCIATES, A.I.A.
ARCHITECTS

With offices located at
308 Seventh St. Phone 846-5421
Lynchburg, Va.
The building was designed by Vosbeck-Vosbeck & Associates and the contract for the $932,149 structure was awarded to James L. Partello, Inc. on October 19, 1964. The site is in a fine single-family residential area and the building was designed to retain the residential feeling. Because of the rolling terrain, various levels are used to fit the lay of the land. Along the lowest side, a two-story section of upper elementary classrooms was introduced.

The 60,250 square foot structure is basically masonry load bearing wall and steel joist construction with brick exterior. The mansard roof treatment of heavily textured concrete shingles adds to the pleasing appearance and offers a degree of sun shielding in the glass area.

The heating and air conditioning systems consist of two package modified Scotch Marine boilers and one electric centrifugal chiller serving a system of combustion hot and chilled water piping. An air-handling unit serves the multi-purpose room. The system is zoned to permit separate usage of the library, multi-purpose room or dining room.
J. Adams Middle School . . .
(Continued from page 17)

square foot building was awarded September 30, 1965.

Bricks, glass, and precast concrete are used for the exterior with precast concrete window fins on the three-foot, four-inch module giving interesting accent to window areas and providing considerable sun shading. The building is a steel frame structure with masonry load bearing walls. Classrooms, library, teachers' lounges and administrative offices are carpeted.

The dual-use nature of the building has presented some special requirements in the heating and air conditioning system. The system, consisting of two brick set firetube boilers and one electric centrifugal chilled water piping unit is zoned to permit separate usage of facilities to be used in the city program. Generally, unit ventilators are used throughout with fan coil units serving auxiliary spaces. The gymnasium and auditorium-dining room are served by separate air handling units. The ventilation system consists of relief vents connected to plenums above the corridor ceilings. Power roof ventilators serve toilet rooms and auxiliary spaces.
The general contract for the work was for \$243,500. Elevators were \$21,820 and air conditioning and heating \$20,945.

General contractor for the project was Burgess Construction and Contracting Co., who also supplied the handrails and did the excavating, piling, foundations, concrete and masonry work and carpentry. Principle subcontractors and suppliers, all from Richmond, are as follows:

OWL TOURIST COURT
& RESTAURANT

New Motel
Air Conditioned
Telephones & Televisions in Each Room
Restaurant Adjacent
Private Cottages in the Pines

On U.S. 13, 6½ Miles North of
Accomack, Virginia

For Reservations Call 665-5191
PARKSLEY, VIRGINIA

THE SEA FOAM
Ocean Front Motel, Rooms,
Efficiency Apartments & Cottages
Phone 441-3331
• Luxurious Motel Accommodations
• Air Conditioned
• Cottages Completely Furnished
• SWIMMING POOL

CONRAD BROTHERS LAKE SHORE INN & BOAT DOCKS
JOHNSON SEA-HORSE SERVICE
Boats and Motors for Rent
Towing Service
Ample Space for Boat Anchorage
MARINE GAS AND OIL SUPPLIES
Live Bait • Fishing & Water Sport Supplies • Boat Launching by Concrete Ramp or Derrick.
Phone 4-1601
Pulaski, Va.

THE TAN-A-RAMA
EFFICIENCY APARTMENTS
“OCEAN FRONT NAGS HEAD”
• 20 Units Overlooking the Atlantic
• Large Fresh Water Pool
• T.V.—Air-conditioning—Ceramic Baths
• Wall to Wall Carpet
• Shopping Center, Boat Marina
• 750 Ft. Ocean Fishing Pier

P. O. Box 283
KILL DEVIL HILLS, N. C.
Phone 919-441-3911

HOTEL-MOTEL WACHAPREAGUE
Catering to Sport Fishermen Since 1902
AMERICAN PLAN—Featuring Fine Old Virginia Foods Unsurpassed
for Quality and Flavor
Equipped With All Facilities for Your Convenience and Pleasure
22 Sport Fishing Cruisers—100 Square Miles of Inland Fishing and
Limitless Ocean Fishing With All Salt-Water Varieties
Under the Personal Direction of D. H. SANDIDGE
For Reservations — Phone SUNSET 7-2105
WACHAPREAGUE, VIRGINIA

FANTASY—Motor Lodge
KILL DEVIL HILLS, N. C.
PHONE 441-4921
All new 8-unit, very large completely furnished efficiency apartments
All electric kitchen — completely equipped.
Individual Air-conditioning and Heating Units — Laundry Facilities
Free TV — Wall to Wall Carpet — Large Private Individual Patios
Day-Week-Monthly Rates
BEAUTIFUL PRIVATE BEACH

Directly on the Atlantic Ocean U. S. Highway No. 158 between the 9 and 10 mile posts
3/10 mile south of the U. S. Coast Guard Station.
FOR THE RECORD

New Appointments
At Mid-State Tile

Fred H. McIntyre, Sr., President of Mid-State Tile Company, Lexington, N. C., recently announced the appointment of Jack Wagstaff as Director of Design and Merchandising. Wagstaff is available to assist distributors and tile contractors in designing and planning their own showrooms as well as customer installations. He will also be responsible for the Mid-State advertising and merchandising program, a field not new to him.

Wagstaff is a former vice president with Lavidge, Davis and Newman, an advertising agency in Knoxville, Tennessee, with offices in High Point, North Carolina. He has been associated with the High Point office for nine years and has supervised Mid-State's advertising program for the past six.

Mid-State Tile also announced the appointment of Ben Harrop as a ceramic engineer for their Lexington operation. Before joining Mid-State, Harrop was a Service Engineer for the Glaze Frit Lab—Ferro Corporation, Cleveland, Ohio.

Originally from Charlotte, North Carolina, he is a 1962 graduate of Clemson University with a B.S. degree in Ceramic Engineering.

Mid-State is a manufacturer of ceramic tile. A subsidiary, Montgomery Shale Products Company, located in Mt. Gilead, North Carolina, manufactures brick.

J. A. MORRIS
Electrical Contractor
G. E. APPLIANCE DEALER
MARSHALL, VIRGINIA
Phone 364-4381

to tell the Virginia Story

NOVEMBER 1966

STAINBACK AND SCRIBNER’S NEW PARTNERS

Three partners have been taken into the architectural firm of Stainback and Scribner, but the firm name will remain unchanged.

The three—all of whom have been associated in the firm for several years—are Dale C. Hamilton, Riley B. Montgomery and Byron R. Sample.

The fourth partner is Louie L. Scribner, who—with the late W. E. Stainback—formed the firm in 1945. Stainback died last July.

All four partners studied architecture at the University of Virginia and all are members of the American Institute of Architects. Scribner was elected a Fellow of the A.I.A. last year.

Scribner has practiced architecture here since he finished his studies at the University in 1930, with the exception of the World War II years.

The firm has produced noteworthy buildings in most general architectural classifications: Banks, Schools, University buildings, Shopping Centers, office and doctor's buildings, motels, churches, commercial, industrial complexes and specialty groups such as a Nuclear Reactor building and also hospital and medical buildings.

Most of their work is generally in the Central and South Central Virginia area but one client, Blue Bell, Inc., carries them into North Carolina and Georgia.

Bruce C. Miller Named To Agriculture Post

Bruce C. Miller recently was appointed assistant to Virginia Commissioner of Agriculture Maurice B. Rowe.

Miller succeeded Archer L. Yeatts, Jr., who left the department April 15, to join Governor Godwin’s staff as an executive assistant.

The Commissioner's new assistant has been serving as VDA's director of information—a position he has held since December, 1964. Prior to being named to that post, he was information officer in charge of press and publications.

In making the announcement, Commissioner Rowe said, “Mr. Miller is well qualified for this promotion, and it is always a pleasure to recognize talent within our department.”

Miller, 34, joined VDA in June, 1963. Before coming to the department, he was assistant director of public relations and advertising with Farmers Cooperative Exchange in Raleigh, N. C., and prior to that, he was advertising assistant with Smith-Douglass Company, Inc., in Norfolk, Virginia.

Dan E. Spry (far rt.), manager of the new America House Motor Inn and Restaurant, shows Lucius J. Kellam, chairman of the Chesapeake Bay Bridge and Tunnel District, J. S. Lawihan, president of Richmond Hotels Incorporated, and J. Clyde Morris, executive director of the Chesapeake Bay Bridge and Tunnel District (1. to rt.), the view from the America House observation tower. The new resort, located at the northern entrance of the Chesapeake Bay Bridge Tunnel, opened earlier this month. (Please turn the page)
STUDENTS HONOR STATE'S OLDEST FIRM

John Marshall High School seniors Jim Gregory, Barbara White and Linda Taylor Smith (left to right) present a plaque to A. Churchill Young, president of the E. M. Todd Co., Inc. meat packers firm, which the school's chapter of Future Business Leaders of America found to be the oldest business in Virginia. The company was founded in Smithfield in 1779 and moved to Richmond in 1906. Devoe & Reynolds Paint Co. here is an older company, the student researchers said, but was not founded in Virginia. The student research project, which led to the plaque presentation in March, was preliminary to an exhibit of the state convention of the group in Richmond in April.

BUHL ELECTRIC
COMPANY

ELECTRICAL CONTRACTORS

RESIDENTIAL — COMMERCIAL
INDUSTRIAL

PHONE 385-5788
125A MAPLE AVENUE WEST
 VIENNA, VIRGINIA

Stained Glass Associates

Stained Glass

FACETED & LAMINATED GLASS

P. O. BOX 1531
RALEIGH, NORTH CAROLINA 27602

RAYMOND L. BELL

General Contractor
St. Reg. # 5189

RESIDENTIAL — COMMERCIAL

PHONE CL 6-5449
6607 Dearborn Drive
FALLS CHURCH, VIRGINIA

SNOW, JR.
AND
KING, INC.

Masonry
Contractors

2415 Church Street
Phone 627-8621
NORFOLK 4, VA.

PAGE FIFTY
VIRGINIA RECORD

Founded 1878
A Visitor
(Continued from page 5)

machine, one machine following close
on to another until in pictures the pro­
cessions looked like lines of giant ants.
As the automobile-machines took up
so much of the space between the side­
walks when they were left idle, which
was most of the day, buildings were
razed to make room for the machines
to be left in. Even so, apparently,
the crowding in and out had been very
tedious. To go downtown for a dinner
or to attend the theatre or to shop
became such a time-consuming and
nerve-wracking experience that the au­
tomobile-machine was given as one
reason for families moving away from
the city proper.

What puzzled Dr. Cyphermann, and
his associates too, was why the people
were so long in evolving new means
of transportation. It seemed odd that the
cities were abandoned to save the au­
tomobile-machine, even though the old
newspapers constantly harped on its
disadvantages. It was difficult to im­
agine living in the noises that were
described, with the air filled with
gaseous fumes, and the presence of
danger to life and limb. The news­
papers kept toll-sheets of persons killed
each day and the pictures of the ma­
chines crashing into one another on
their lanes were quite horrifying. In
all past periods, there were legal prac­
tices that seemed incomprehensible.
Dr. Cyphermann believed the legaliza­
tion of this death and mutilation, along
with the nerve-shattering noises that
invaded the dwellings, was the most in­
comprehensible practice of the middle
and late twentieth century.

Soon he stepped off the escalator at
a charming small park, and saw ahead
the museum which had once served as
the Capitol of Virginia. Most of the
other states had long since demolished
their impractical relics of obsolescence,
but this quaint old building held some
historic significance to enough of the
state citizens for it to have been pre­
served. This was fortunate for Dr. Cy­
phermann, for it helped him in his re­
sarches actually to see landmarks of
the other times. As with the automo­
bile-machine, it was sometimes difficult
to envision the living details of another
time.

He entered the museum by a side­
door that opened into a passage similar
to the passages in old dungeons. He
punched out his name and appoint­
ment-time on the reception-meter, and
almost immediately an old gentle­
man appeared. His identification lapel
read: Powhatan Cabell Zyswheltski.
This was very pleasing to Dr. Cypher­
mann, as he had been told that Zys­
wheltski not only came from a family
of native Virginians but that he re­
tained a clear memory of his childhood
during which he had heard much
about the olden times from his grand­
father. Mr. Zyswheltski had a gentle­
ness of manner which suggested to Dr.
Cyphermann the courtesy that was
said to characterize the native Vir­
ginians of the past and it was evident
that the white-haired old gentleman—
who was easily pushing 90—identified
himself with the historic period. There
was a certain wistful proprietoriness
about him as he took the visiting his­
torian through the old-fashioned cham­ers.

Dr. Cyphermann looked at the little
desks where the members of the House
and the Senate had sat. Mr. Zyswhelts­
ski talked with pride of the days when
the Governor was an executive, and
not merely an honorary dignitary, and
explained how the Governor delivered
the various measures of legislation he
wanted passed. Dr. Cyphermann grew
somewhat confused. “You mean,” he
asked, “that the Governor stated his
objectives, then committees decided
which ones to present, then there was
a public debate in these chambers while
the henchmen of the Governor went
around collecting the necessary votes
regardless of what arguments were be­
ing adumbrated from these little desks?”

“Well, it wouldn’t be precisely ac­
curate to say ‘regardless’ of the adum­
brations.”

“But, I don’t see any significant rel­
evance between the henchmen gaining
the votes of decision and the oral ad­
umbrations.”

“I don’t suppose there was much,
but that was the ritual of the demo­
cratic process. I suppose it does seem
a little wasteful.”

“From what I’ve gathered in my re­
search, what strikes me more than the
wastefulness is the fact that the whole
operation seemed to prevent the possi­
bility of any long-range planning. It
seems to me they were always catching
up, as it were. I have notes on cer­
tain periods when the legislators would
discover that huge amounts of money
were needed to remedy situations, and
then the people would be assessed more
taxes. But they never seemed to plan
what would be needed, say 20 years
ahead, and then compute the precise
costs.”

“Unless you’ve immersed yourself in

General Contractor

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

Gregory Construction
Company Inc.

South Roanoke Lumber Co.

2329 Franklin Rd., S.W.
ROANOKE, VIRGINIA

May 1966
their ways, it is difficult to imagine men working without computers. But, in those days, the legislators had vast confidence in their abilities to solve all problems in their own heads."

"Since you obviously have an admiration for those times, I feel apologetic in asking this, but how do you explain the problems which they seemed to ignore altogether?"

"You do understand that in the democratic process there were—what was called—'checks and balances,' or 'give and take?'"

The historian nodded.

"That meant that in conflicts of interests, each side was supposed to give a little, so that in all the exchanges sometimes the whole seemed to be ignored."

"Please forgive me if I appear obtuse, but my research would indicate that sometimes the side that could muster the most votes would have its own way without any give at all, even though significant parts of the whole presented what—at least from a distance—appear to be valid arguments for their own welfare."

Mr. Zysweltski moved away to a foyer to display some busts of early state heroes. He said, rather stiffly, "The system, of course, was not perfect, since it was composed of fallible humans rather than of precision instruments."

"But, if I may press this point, if the people wanted to continue their inexact processes, why did they not make the best use of the available brainpower to make the operation as efficient as possible? Why did they not, for instance, unify the units of government to eliminate some of the 'conflicts of interest' and establish a commonality of interests?"

"It is always difficult to get you people to see that their customs were dear to them. They were accustomed to having counties and cities as entities in the state, just as they were accustomed to having their state an entity in the nation. Your researches must have shown you the intensity of their desire to maintain the sovereignty of these entities."

"I must say, that my research also shows me the intensity of the desire of tribal chiefs to maintain their sovereignty against the barons, the barons against the kings, the kings against the people, and each entity to maintain itself. In your case, you had counties and cities actually working against one another even during the period when the state itself regarded its amalgamation by the Central Government as a threat. There was one period of heavy taxation, for instance, when the people were paying taxes to the cities and/or the counties, to the state and to the Central Government, in addition to taxes on items of purchase and everyday use. These taxes were diffused to support the Central Government, the state government, city and county governments, and they all seemed to be working at best at separate ends and at worst at opposite ends."

"That," said Mr. Zysweltski with coldness, "was their choice. It was the custom."

Dr. Cyphermann hesitated. But, this was an answer he desperately wanted, "If the people wished to preserve the state's entity, surely the separate units must have been aware of the maxim: 'divide and conquer.' Could they not perceive that they were dividing themselves so as to make their absorption by the Central Government simpler?"

Mr. Powhatan Cabell Zysweltski said with icy disdain, "It is obvious that none of you cause-and-effect observers can appreciate the inner rewards experienced by citizens who were motivated by human, personal considerations—however short-sighted they might appear from your sterile judgments."

"Just one minute more, please! You don't actually mean that they did not understand cause-and-effect—that an act today would have an effect in the next decade?"

The old gentleman almost spat. "They were above cause-and-effect." With that, he opened doors on an expanse of white stone steps and waited for Dr. Cyphermann to take his leave.

The historian shook his head and left, muttering, "It's a wonder the state governments lasted as long as they did."

The doors banged shut behind him, closing off a musty museum of a world which Dr. Cyphermann was forced to admit, he would never comprehend. Probably none of his contemporaries could ever really put themselves back in a time when governments—Federal, state, city, county, or whatever subdivision—operated on the presumption that man was rational.

Going back to the monorail, he took the express streetcar for speed. However nostalgic one might feel for physical aspects of the other times, it was scary to think of living when one's security depended upon, what Mr. Powhatan Cabell Zysweltski had called "fallible humans." Whizzing between the casual walkers on the sidewalks, he thought of those automobile-machines screeching and roaring and puffing out gases, each driven by a fallible human who felt himself "above cause-and-effect," and the historian shuddered. He would be glad to get back to his own planet.

AUGUSTA BLOCK, INC.

"One of the Largest Manufacturers Of Blocks In The South"

SOLITE

HIGH TEMPERATURE AUToclAVED

TUxedo 6-0458
Sundays, Nights, Holidays Call TUxedo 6-5633

"Over 17 Years of Satisfied Customers"

- Over 1300 Blocks Manufactured Every Hour
- 200 Different Sizes


BUTLER BUILDINGS

the low-cost way to build well

Quickly erected. Easily expanded. All metal sidewalls. Choice of factory-applied color. Clear span interiors up to 120 feet wide—any length, single and multiple units. Call us for details.

DISTRIBUTORS, SOUTHWEST VIRGINIA

FRYE BUILDING COMPANY

General Contractors

St. Reg. # 9659

DI 4-9692 P. O. Box 616

ROANOKE, VA.

Founded 1878
INDEX TO ADVERTISERS

- A -
A/C Electric Co., Inc 45
Alleghany Ready Mix Corp 43
D. W. Allen & Son 42
Anchor Associates, Inc 38
Anderson & Cramer, Inc 44
Arvey, Inc 37
Asphalt Institute 2
Asphalt Paving Service, Inc 24
Augusta Block, Inc 52
Avamere Hotel 47

- B -
Baco Co., Inc 53
Banks Engineering Corp 41
Bass Construction Co 40
W. H. Belanga & Associates, Inc 36
Raymond L. Bell 50
Blacksburg Block and Supply Co 53
Bodner & Manuel, Inc 15
Bonitz Insulation Co 21
Boren Clay Products Co 4
Brandt-Dickson Co 42
Bristol Steel & Iron Works, Inc 39
Bryant Electric Co, Inc 37
Buckingham-Virginia Slate Corp 6
Buhl Electric Co 50
Burgess Construction & Contracting Co 36
Burner Electric Co 15

- C -
The Walter E. Campbell Co., Inc 42
Capital Concrete Corp 21

DAVID A. REED & SONS, INC.
Excavating & Foundations
St. Reg. #4227
Phone 434-3964 P. O. Box 292
HARRISONBURG, VIRGINIA

Pool Equipment Corp.
MANY LINES OF SWIMMING POOL EQUIPMENT
CAREFULLY SELECTED FOR APPEARANCE—MAINTENANCE DURABILITY
DESIGNERS, JOBBERS AND WHOLESALE DISTRIBUTORS OF
COMMERCIAL AND RESIDENTIAL POOL EQUIPMENT
WATER TREATMENT CONSULTANTS
Phone DU 9-3896
Nights—Sundays & Holidays Call
DU 5-6082
Lee Highway E.—P. O. Box 309—Salem, Va.

Ernest L. Kellogg
Electrical Contractor
RESIDENTIAL — COMMERCIAL
St. Reg. 7693
Phone 591-5545
3210 Pickett Road
FAIRFAX, VIRGINIA

BACO COMPANY, INC.
Plumbing, Heating and Air Conditioning Contractors
St. Reg. #4862
Phone JA 4-2868
2113 N. Quebec St.
ARLINGTON, VA.

Henley & Gillespie
Electrical Contractors

Ernest L. Kellogg
Electrical Contractor
RESIDENTIAL — COMMERCIAL
St. Reg. 7693
Phone 591-5545
3210 Pickett Road
FAIRFAX, VIRGINIA

VALLEY REDI-MIX CO., INC.
QUALITY CONCRETE PROMPT DELIVERY
Radio Dispatched Trucks
Phone 662-1584
1930 Paper Mill Road
Winchester, Va.

READY MIXED CONCRETE
SAND & CRUSHED STONE
CONCRETE & CINDER BLOCKS
Prompt Delivery—Any Quantity
Dial 552-1721

Blacksburg Block & Supply Co.
P. O. Box 734
Route 460 North
Newport Road
BLACKSBURG, VIRGINIA

MAY 1966