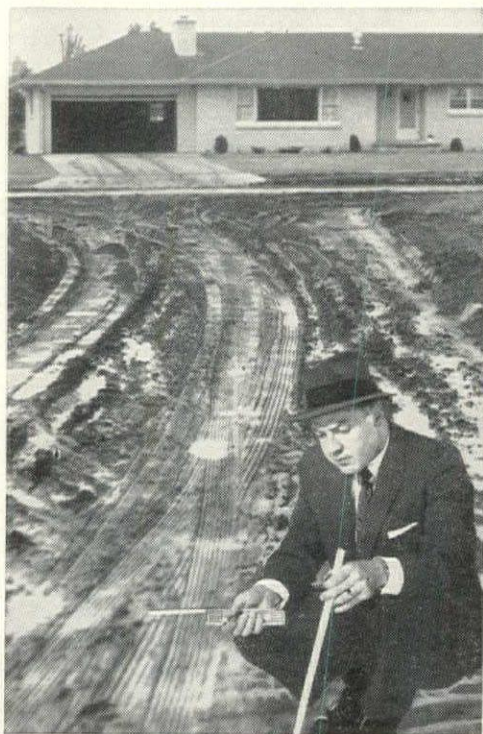


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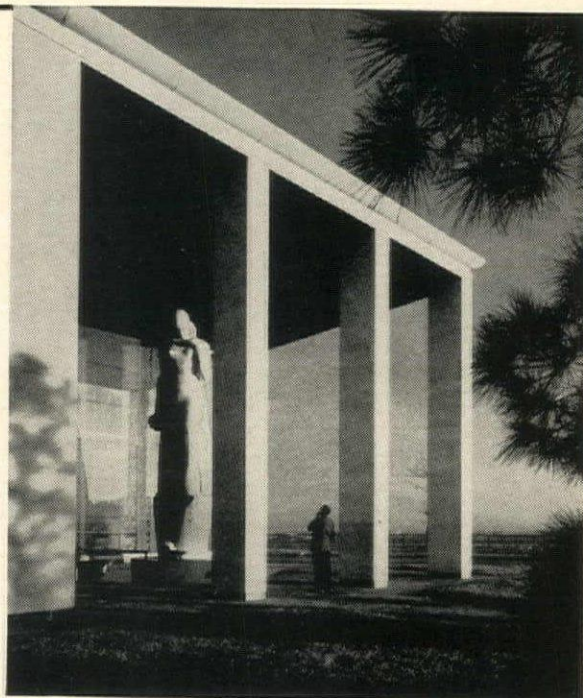
Nearby are the sprawling factories and busy streets of a progressive area. But here, where Memory broods above the eternal flame of liberty, the stillness almost speaks. It says: Remember.

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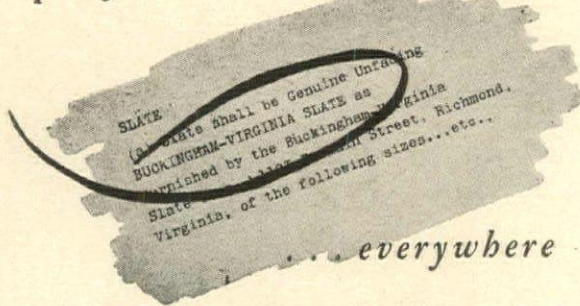
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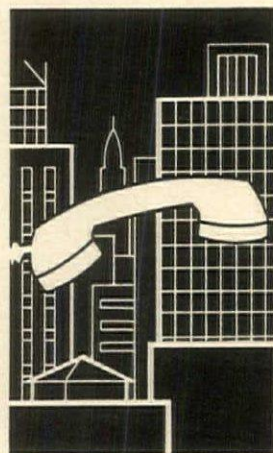
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CLIFFORD DOWDEY
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VOLUME LXXXII

MAY 1960

NUMBER FIVE

MILLENNIUM—"WITH ALL POSSIBLE SPEED"

WHEN I WAS A SMALL BOY, I WAS walking one afternoon with my father along a quiet street that led past St. John's Church, with its memories of the pre-Revolutionary period, and then the Van Lew "mansion," at that time a sanatorium but still famed as the home of a Union spy during the Civil War, and at the end of the street the wall-enclosed buildings of a convent and school of a religion in the 20th century of its existence. Suddenly we paused on the shady street as we beheld in the air, above Monte Maria, three flying-machines. They did not seem to be going very fast nor flying very high, and we could see the intrepid fliers perched in a contraption on the lower wing of what, I believe, was called a "bi-plane" in those days following the Wright Brothers at Kitty Hawk. Neither my father nor I had ever seen flying-machines before and we regarded them with curiosity though with little interest. We thought to tell the folks at home of the sights (which my grandmother regarded as "foolishness"), but our interest immediately returned to the world evoked by the old buildings.

I don't suppose that Southerners were appreciably more parochial than other Americans in those days, and our thoughts were absorbed with the events which had happened on the land we knew. From geography lessons in school (in a building which had served as a Confederate hospital), I could please my father by reciting the capitals of all the states (Arizona then being the newest), though I seriously doubt if his notion of the states west of the Alleghenies was much clearer than mine. I think he knew the mythical "cowboy west" no longer existed, but evidently perceived no harm in my believing that an extensive area of my country was

inhabited by daring young men who spent their time galloping over prairies and shooting either Indians or one another. It was a time when our experience with persons of other lands was so limited that any foreign-born person, except a German or Italian, was called "The Greek."

Once at Sunday School we were shown some hideous lithographs to illustrate the sites in the Holy Land in which were laid stories from the Bible and the life of Jesus, and the whole geography was so remote that I offended my father by asking to know why these stories could not be laid in familiar places, like Newport News or Danville, so I could locate them in my mind.

As I progressed in school, history extended my sense of time backward, as it expanded my spatial horizons, and, by high-school age, I conceived a geographic pattern of the nations and the peoples of the globe, though both the teaching and my response concentrated on the Western World. Later, in college, and still later, in my own reading, I found a fascination in the origins of the Western World from about the fifth century B.C. through the rise and fall of the Roman Empire, on through the so-called "Dark Ages" to the 13th century intellectual renaissance and finally to the "High" Renaissance that spread from Italy. Even then, though I held a fairly clear picture of the position of Christians, say, under the reign of Hadrian, and could give a reasonably coherent account of the life of Abelard or the mental gymnastics of Aquinas, I was extremely hazy about Outer Mongolia or Pakistan, and my sole impression of India was summarized in a popular song of the twenties about "Moonlight on the Ganges, with my

(Continued on page 45)

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COVER NOTE

This month's cover, typifying the work of Virginia's Architects as shown in the VIRGINIA ARCHITECT'S Section, is reproduced from an actual portion of the working drawings for the new Culpeper Baptist Church.

Drawn in the office of Marcellus Wright & Son of Richmond, it shows the painstaking care that must go into the preparation of the drawings from which the building will be built.

Such drawings, carefully to scale, are done in pencil or pen and ink on "tracing" linen or specially prepared "tracing" paper. The "tracing" is then used, like a photographic negative, to obtain a print with white lines corresponding to the black lines of the original and with a deep blue background—thus the name "blue-print."

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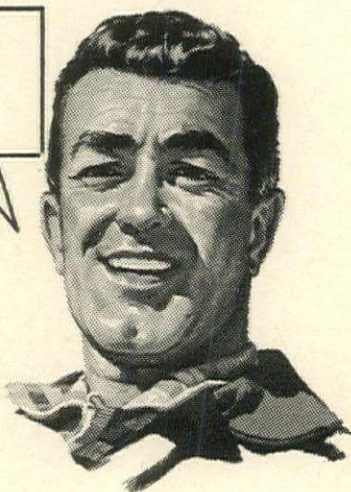
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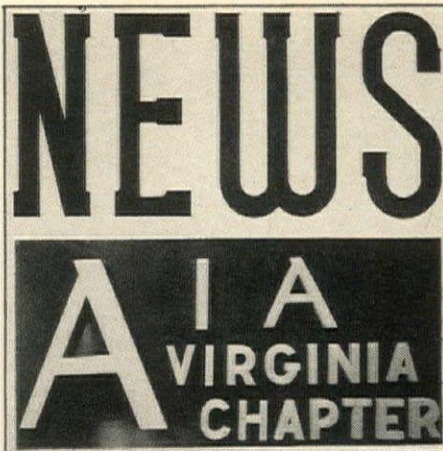
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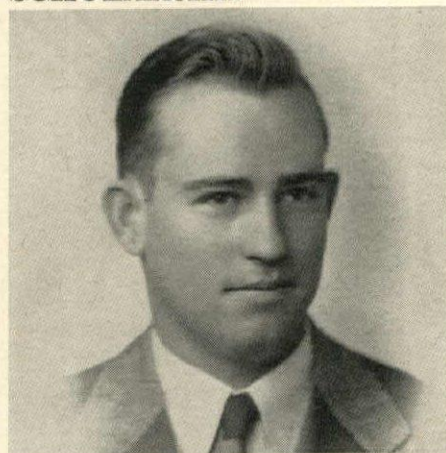


12 New AIA Members

A June graduate in architecture from Va. Tech has been awarded a scholarship to study at the Massachusetts Institute of Technology. Robert Jerome Karn will use the \$1500 General Scholarship to work toward the degree of Master of Architecture at the Cambridge, Mass. college.

After graduation from the Richard Montgomery High School in Rockville, Maryland, Karn attended Pratt Institute for a year. He transferred to V.P.I. in 1956 and has been active in students affairs, serving on the Speakers Committee of the Student Chapter A.I.A. He is a member of Tau Sigma Delta, honorary fraternity for architectural students. Karn's design won the \$500 First Prize in the 1959 Solite Competition. Mr. Karn and his family will reside in Cambridge while he is studying at M.I.T.

VPI STUDENT WINS SCHOLARSHIP



WILLIAM BURTON ALDERMAN

Born June 30, 1927 in Williamsburg. Graduated from Thomas Jefferson High School in Richmond in 1944. Attended University of Pennsylvania, and R.P.I., and graduated from the University of Virginia in 1952 with a B.S. in Architecture degree. Began his own practice in 1956 in Virginia Beach.

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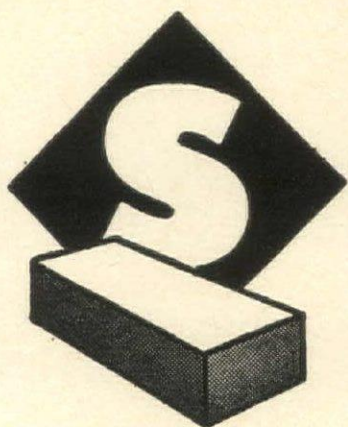
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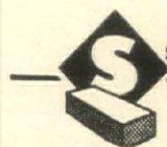
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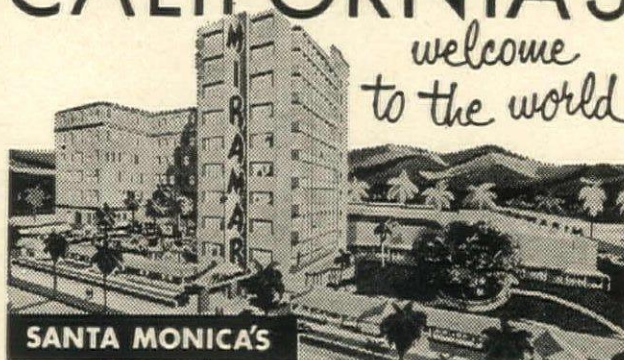


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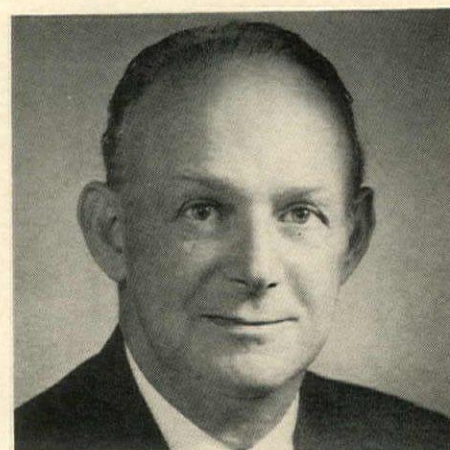
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FRANCIS NEAL ATKINS

Born Jan. 8, 1910 in Marion. Attended Marion High School. Received B.A. Degree from Emory & Henry College, Emory, and M.S. Degree from V.P.I., Blacksburg. At present Associate Professor in the Department of Architecture at V.P.I.



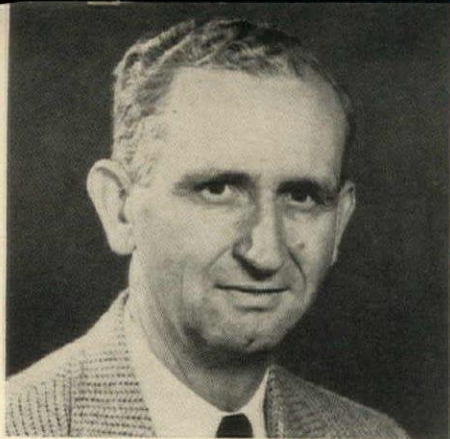
JAMES RICHARD BECK

Born Sept. 26, 1911 in Richmond. Attended John Marshall High School and Virginia Mechanics Institute in Richmond. Has been with Carneal & Johnston, Architects & Engineers, where he is a partner, since 1946.



BENJAMIN FRANKLIN BRITT

Born August 10, 1917 in Philadelphia, Pa. Graduated from Kempsville School in Princess Anne County. Attended several Armed Forces Technical Schools until 1942. Now with Architectural Associates in Portsmouth as partner.



GODWIN WORTH DRAPER

Born Nov. 23, 1901 in Lasker, N. C. Educated at Boykins High School, Boykins and graduated from the University of Virginia in the Class of 1926. Presently employed by firm of Carneal & Johnston of Richmond.



ROY MILTON KINSEY

Born Dec. 16, 1920 in College Point, Long Island, New York. Attended Flushing High School and Bayside High School until 1938. Graduated from University of Virginia in 1946 with a B.S. in Architecture degree. At present is partner in the firm of Kinsey and Motley, Architects in Salem.



KENNETH LEIGHTON MOTLEY

Born in Danville, on October 4, 1929. Educated at William Fleming High School in Roanoke until 1948. Graduated from V.P.I. in 1953 with a B.S. Degree in Building Design. At present is partner in the firm Kinsey and Motley, Architects, in Salem.

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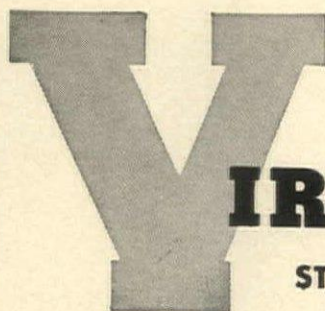
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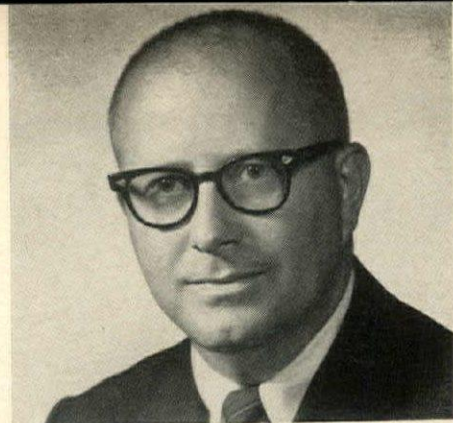
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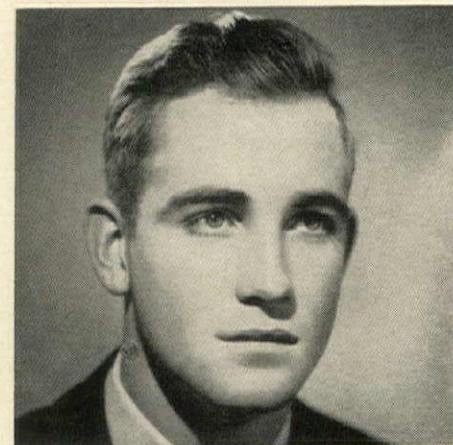
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Born Sept. 21, 1924 in Richmond. Graduated from Virginia Episcopal School in Lynchburg. Graduated from University of Virginia with a B.S. in Architecture degree in 1950. Now partner in the firm Architectural Associates of Portsmouth.

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ELDON F. WOOD

Born Sept. 16, 1925 in Earlysville. Attended Broadus Wood High School there before enrolling at the University of Virginia. Graduated from the University in 1951 with a B.S. in Architecture degree. Presently employed as Office Manager for Milton L. Grigg, FAIA in Alexandria.



GLENN YATES, JR.

Born Sept. 7, 1927 in Walnut Ridge, Arkansas. Attended Oceana High School, Oceana. Received diploma from International Correspondence School in Architecture in 1958. Presently with Architectural Associates in Portsmouth, as a Junior Partner. △



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THE FOREIGN MISSION BOARD of the Southern Baptist Convention is occupying a new two story office building facing on Monument Avenue in Richmond's west end. Designed by Carneal & Johnston, Architects and Engineers, the building replaces one on Monument Avenue closer to the center of town.

Rectangular in shape, the new building measures 205 by 116 feet. Faced in red brick with white stone trim, it is completely air conditioned and acoustically treated. Interior walls are of block, the roof is flat, using built-up roofing. Metal windows are used throughout and floors are covered with resilient material.

According to J. Ambler Johnston of the architect-engineer firm, the Foreign Mission Board approached the problem

to tell the Virginia Story

of building new quarters with every bit of the business-like attitude an aggressive profit-making corporation might be expected to employ. The architect-engineers were furnished with a table of requirements and organization from which to work out the control solutions within the building. Although a number of preliminaries were necessary, once a solution was agreed upon between owner and architect the preparation of working drawings and the construction ran most smoothly. Soil conditions were found to be so poor that piling was required and the officials of Richmond caused additional unforeseen complications by looking on the round stone medallion (shown at the right of the photo above) as a sign and requiring appearances before various boards for approval.

Charles S. Leopold was the consulting

engineer for mechanical work.

J. Kennon Perrin Co. was general contractor with the following subcontractors and material suppliers:

Herrell Contracting Co., Inc., excavating; Raymond Concrete Pile Co., Washington, D. C., piling; J. Kennon Perrin Co., foundations, concrete and carpentry; William E. Tucker, masonry and stone work; Liphart Steel Co., Inc., steel, handrails and steel grating; H. H. Robertson Co., steel roof deck; Economy Cast Stone Co., prestressed concrete.

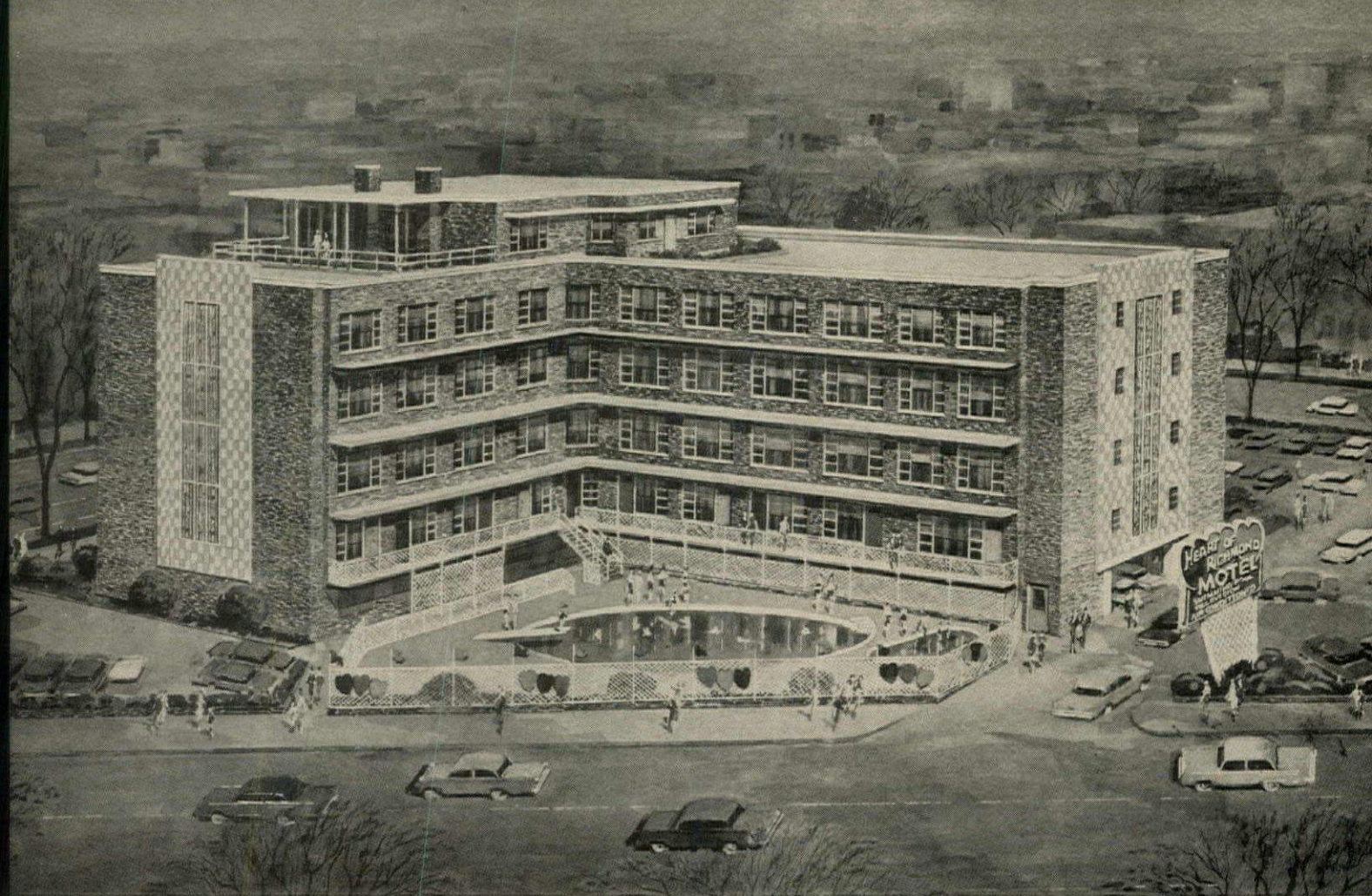
Also, N. W. Martin & Bros., Inc., roofing and waterproofing; Reynolds Metals Co., windows; Sash, Door & Glass Corp., glazing; J. C. Hungerford, painting; General Tile & Marble Co., Inc., structural and ceramic tile; American Furniture & Fixture Co., Inc., paneling; Virginia Plumbing & Heating Corp., insulation, plumbing fixtures, plumbing, air conditioning and ventilating; McL. T. O'Ferrall & Co., acoustical, resilient tile; J. A. Wilton, Jr. & Bro., plaster; Ruffin & Payne, Inc., millwork; J. S. Archer Co., steel doors and bucks, vault door; Union Electric Co., Inc., lighting fixtures and electrical work.

Hardware was supplied by Pleasants Hardware Co.; chapel pews by Flowers Equipment Co., Inc.; Venetian blinds by Bender's Venetian Blinds, Inc., and elevator by Westbrook Elevator Mfg. Co., Inc.

All are Richmond firms unless otherwise specified.



HEART OF RICHMOND MOTEL



BUDINA & FREEMAN
Architects

THORINGTON CONSTRUCTION CO., INC.
General Contractor

EMMETT L. SIMMONS & ASSOC.
Consulting Engineers,
Mechanical & Electrical

HENRY W. ROBERTS
Consulting Engineer,
Structural

THE NEW Heart of Richmond Motel, occupying the major portion of the block bounded by Belvidere, Franklin, Henry, and Main Streets, is strategically located between two major east and west streets leading into downtown Richmond from the west end and on the principal north and south highway (U. S. Routes 1 and 301) through Richmond. U. S. Route 60 to the east and west passes within a few blocks, and state route 147 to the west passes along the Main Street frontage.

It is in an area of great historic interest. Early maps of Richmond show this site as being part of what was once the exposition grounds where annually the Virginia State Agricultural Society held the State Fair. In 1851, while still in Henrico County, this field covered with scrub pines and blackberry bushes was purchased by the City of Richmond for approximately \$13,000

and for some time was known as the Western Square. It was bisected by Scuffletown Road which was actually a curvy extension of our present Park Avenue eastward into Franklin Street.

In 1867 the general area surrounding this location was annexed by the City of Richmond. Scuffletown Road was renamed Park Avenue and that portion located in Western Square was closed. It was at this time also that Western Square was renamed Monroe Park.

During the war years this was the site of a training camp and many thousands of young men of the Confederacy were encamped here at one time or another. At that time the center of business activities was in the area south and east of Capitol Square and Western Square was "in the country."

Among the many prominent Richmonders who lived in this block was Major Edmund Trowbridge Dana

Myers, C.S.A., who built his home at 515 West Franklin, corner of Belvidere, and lived there until his death in 1905. The building fronting on Main Street has many fond memories for Richmond men for the second story of that building was occupied by the famous McGuire's School from 1887 to 1914 and was presided over by John Peyton McGuire. When this building was demolished last year, one of the old blackboards was uncovered on which were some old Latin exercises written nearly a half century ago.

What was "in the country" a few decades ago is now a central location truly in "the heart of Richmond."

After a thorough study extending over a period of four years, it was decided that an "in town" motel or a motor hotel would be the most appropriate use and various plans were developed, analyzed, and restudied, and

the final plan adopted is the combined thinking of the owners, various motel operators, realtors, and the architects.

The shape of the lot more or less determined the shape of the building and the natural development was an "L" shaped building with the stem extending from Franklin back to the alley and the bar of the "L" paralleling Franklin Street westerly to Belvidere Street.

It was recognized at an early stage that it was highly desirable to have loading and unloading facilities on the property rather than on these heavily traveled streets and a drive-in entrance off of Franklin Street was decided upon. It was also decided that as much under cover parking as possible should be developed off of this entrance driveway. Twenty three car spaces are provided in the building and 65 additional spaces on the paved lot to the south.

On the Franklin Street front to the right of the entrance driveway there is a small lobby. Directly opposite the entrance door is the front office with the clerk's desk, telephone switch board, etc. Toward Franklin Street is the entrance to the Coffee Shop which occupies the westerly end of the Franklin Street wing. To the left of the entrance doors are two automatic hydraulic ele-

vators serving the guest room floors.

In the angle of the ell along the Belvidere Street front is a modern free form shaped swimming pool 20' wide x 48' long in a colorful enclosure. Entrance to the pool enclosure is by means of a stair from the first guest room floor.

The building as originally designed provided for three guest room floors, this being the maximum height permitted by the zoning regulations then in effect. Recently the area has been rezoned to permit taller buildings and two additional stories are to be added raising the number of guest rooms from 80 to 134. The building is being rushed to completion as originally planned and the opening date is scheduled for mid June. It is hoped to have the shell of the two additional floors completed at that time also leaving only interior work to be done after the building has been put into operation.

The building is of fireproof construction with concrete footings and foundation walls, concrete floor slabs, exterior walls of face brick with solite block back up, composition roof, metal stud partitions with gypsum lath and plaster. Windows are of the awning type generally combined with large fixed picture sash and are made of aluminum with

an anodized finish. The rooms and the corridors are carpeted and the plastered walls are covered with vinyl coated fabrics. The bath rooms have ceramic tile floors with glazed wall tile to the ceiling.

All finish materials both interior and exterior have been selected to minimize as much as possible the upkeep and maintenance.

After a great deal of consideration and analysis it was decided to use the lift slab system of construction. This system gives a uniformly smooth ceiling without any beams, one that required no ceiling plaster, and at the same time permitting the long spans required for the parking of the cars on the ground floor. There was also a considerable saving in time and some economies cost wise.

These slabs were poured on the ground; a unique system of monorail gasoline driven trucks were used for the distribution of the concrete.

Solite aggregate was used for these slabs which reduced the dead weight of the building by approximately 800 tons. As this was the first multi-story building erected by the lift slab method, it created a lot of public interest and discussion. The actual lifting began on

(Continued on page 34)

*We Pay Tribute to the Growth and Development
of Virginia's Wood Working Industries*

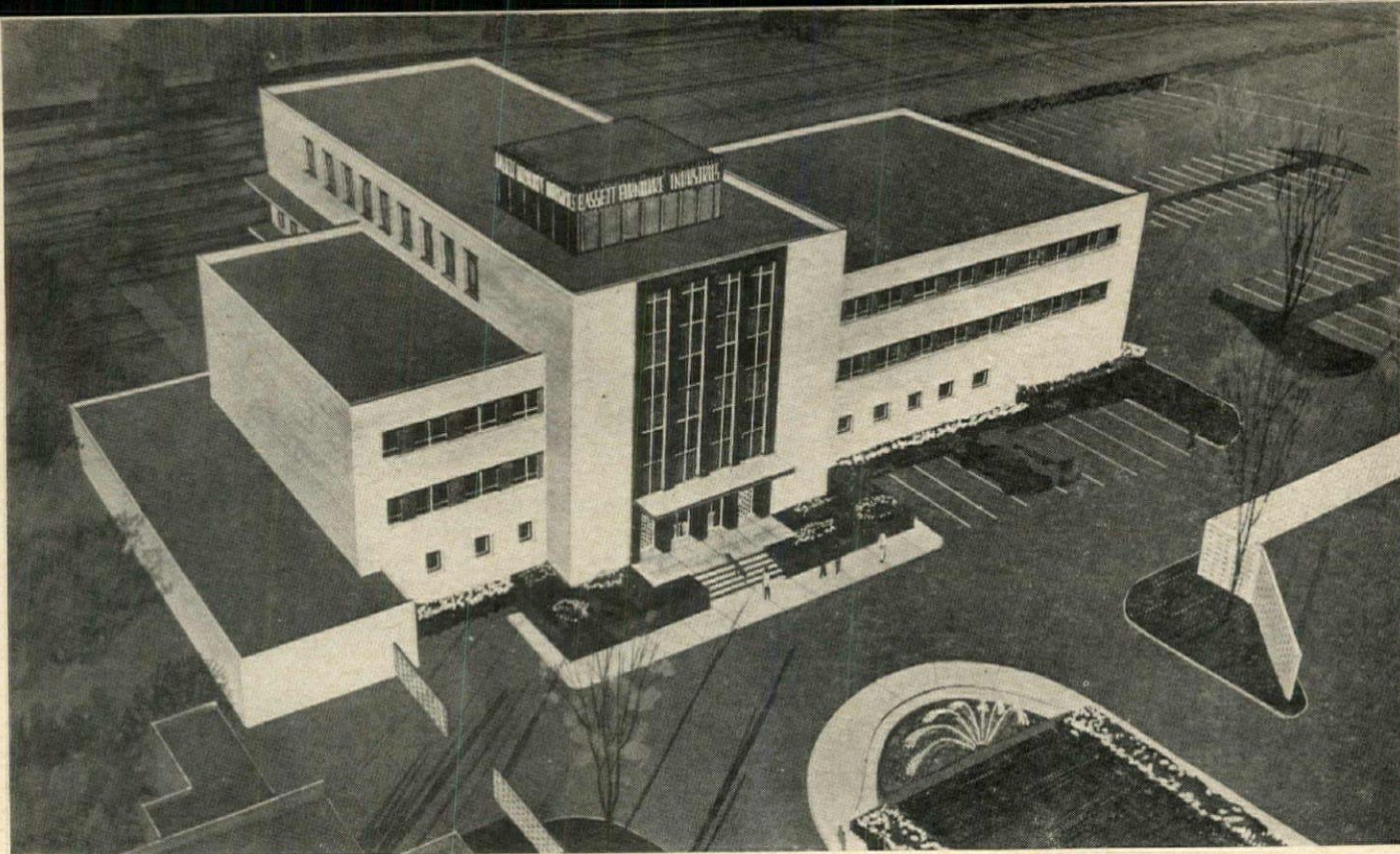
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Office Building for Bassett Furniture Industries

J. M. TURNER & CO., INC.
General Contractor

J. COATES CARTER
SMITHEY & BOYNTON
Architects

WILEY & WILSON
Consulting Engineers

• A new million and a half dollar office building is under way in Bassett for Bassett Furniture Industries. Designed by J. Coates Carter, of Martinsville, and Smithey & Boynton, of Roanoke, the building is "T" shaped, three and four stories high and covers 66,000 square feet.

To house all of the administrative offices and service operations of the company, it will be part of a seven million dollar expansion program. Included in the building will be a complete system of automation and electronic equipment for handling the firms orders.

Faced in brick and granite, backed up with block, the building has block interior partitions as well as metal relocatable inside walls. The roof is flat and built-up. The windows are pivoted aluminum. Roof and floor decks are of cellular steel with concrete slabs on the floor panels.

Wiley & Wilson, of Lynchburg, were consulting mechanical engineers for the mechanical and electrical work. Stanley W. Abbott, of Yorktown, was landscape consultant. General contractor was J. M. Turner & Co., Inc., of Roanoke.

Subcontractors and material suppliers

were as follows:

Cunningham Core Drilling & Grouting Co., Salem, foundations; Doyle Ready-Mixed Concrete Co., Inc., Martinsville, concrete; J. M. Turner & Co., Inc., masonry, with brick supplied by Webster Brick Co., Inc., Roanoke, and block by Martinsville Block Co.

Steel, Structural Steel Co., Inc., Roanoke; steel roof deck and floors, Inland Steel Products Co.; roofing, T. B. Dornin-Adams, Lynchburg; ceramic tile, terrazzo and stone work, Marsteller Corp., Roanoke; windows, Cupples Products Co. through Roanoke Engineering Sales Co.; window walls, glazing, Pittsburgh Plate Glass Co., Roanoke.

Structural tile, Webster Brick Co., Inc.; paneling (pent house), H. H. Robertson Co., Richmond; acoustical, W. Morton Northern & Co., Inc., Richmond; plaster, Shield's, Inc., Winston-Salem, N. C.; millwork, Danville Lumber & Mfg. Co.; steel doors and bucks, Valley Metal Products Co., Roanoke; handrails, Blumcraft of Pittsburgh; electrical work, Bryant Electric Co., High Point, N. C.

Also, plumbing, air conditioning, heating and ventilating, Wachter & Wolff, Richmond; movable partitions, Virginia Metal Products, Orange, and elevator, Otis Elevator Co.

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RICHMOND AUTOMOBILE SHOWROOM



From Broad Street, this is the view of the new Dominion Chevrolet Building.

DAVID WARREN HARDWICKE
Architect

Consulting Engineers:
EMMETT L. SIMMONS & ASSOC.
Mechanical & Electrical

WILLIAM J. BLANTON
Structural

AUSTIN BROCKENBROUGH & ASSOC.

ANDREWS & PARRISH
General Contractor

● In keeping with the trend of many progressive business firms in the Richmond area, Dominion Chevrolet Company has moved from its congested downtown location to a new set of buildings in the 4400 block West Broad Street.

The architect for Dominion Chevrolet Company's new sales and service buildings, David Warren Hardwicke, has created a spacious and inviting architectural scheme based on two standard 70 foot rigid steel frame buildings by the Globe Iron Construction Co.

In contrast with the typical showroom, Dominion's showroom is 150 feet from the street. This arrangement provides the customer with ample parking space close to the showroom and a means of viewing the display out of heavy traffic by using the "U" shaped

drive that circles in front of the showroom.

The blending of modern detailing and traditional materials has provided a contemporary design for the building set that has provoked favorable comment from the most conservative customers. The architect has honestly expressed the great spaciousness provided by the rigid steel frames in the showroom by the use of floor to ceiling glass. The front windows are nearly 24 feet high under the peak of the roof. Panels of brick are interwoven into the glass wall and form the rear wall of the showroom. The ceilings of the great space are acoustically plastered in contrast to the walnut cabinetwork gracing the lower levels of the sales room. The floor is of terrazzo with varying tones of beige to harmonize with the color of the paints used in the area.

Around the building a 22 foot wide canopy shields the various elements including the new car sales room, service shops and used car sales room office.

The canopy serves to tie the buildings together aesthetically, while affording weather protection for salesmen and customers.

General contractors were Andrews & Parrish, Richmond, with the following subcontractors and material suppliers:

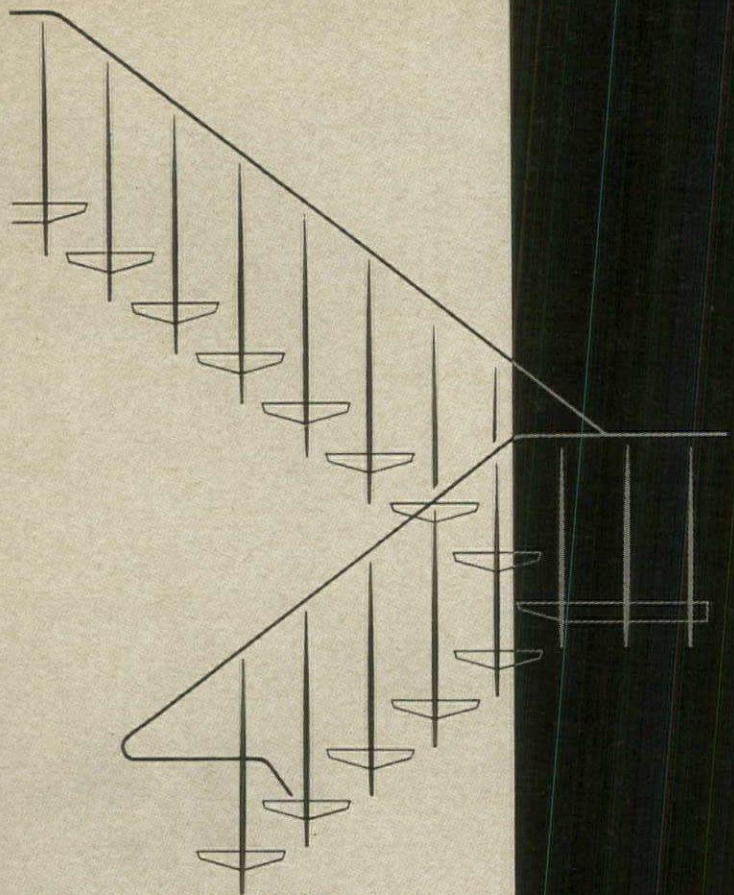
Richmond Structural Concrete, Inc., concrete; Jack C. Hammond, masonry; Industrial Iron & Steel Co., steel; R. P. Whitley Roofing Co., roofing; Reynolds Metals Co., windows; Globe Iron Construction Co., Norfolk, rigid steel frame building.

Also, Sash Door & Glass Corp., steel doors and bucks and glazing; L. K. Burton Co., painting; U. S. Plywood Corp., paneling; J. A. Wilton Jr. & Bro., acoustical plaster and plaster; General Tile & Marble Co., Inc., ceramic tile and terrazzo.

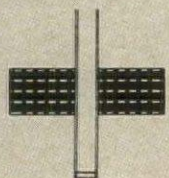
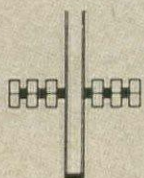
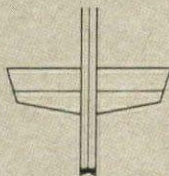
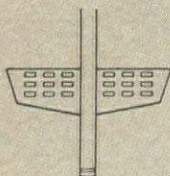
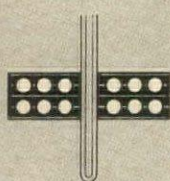
Others were Hampshire Corporation, resilient tile; Ruffin & Payne, Inc., millwork; Daybrite (L. W. Roberts Co.) lighting fixtures; Northside Electric Co., electrical work; Kohler Co., plumbing fixtures; W. H. White, plumbing, air conditioning, heating and ventilating, and Pleasants Hardware Co., hardware.

All are Richmond firms unless otherwise specified.

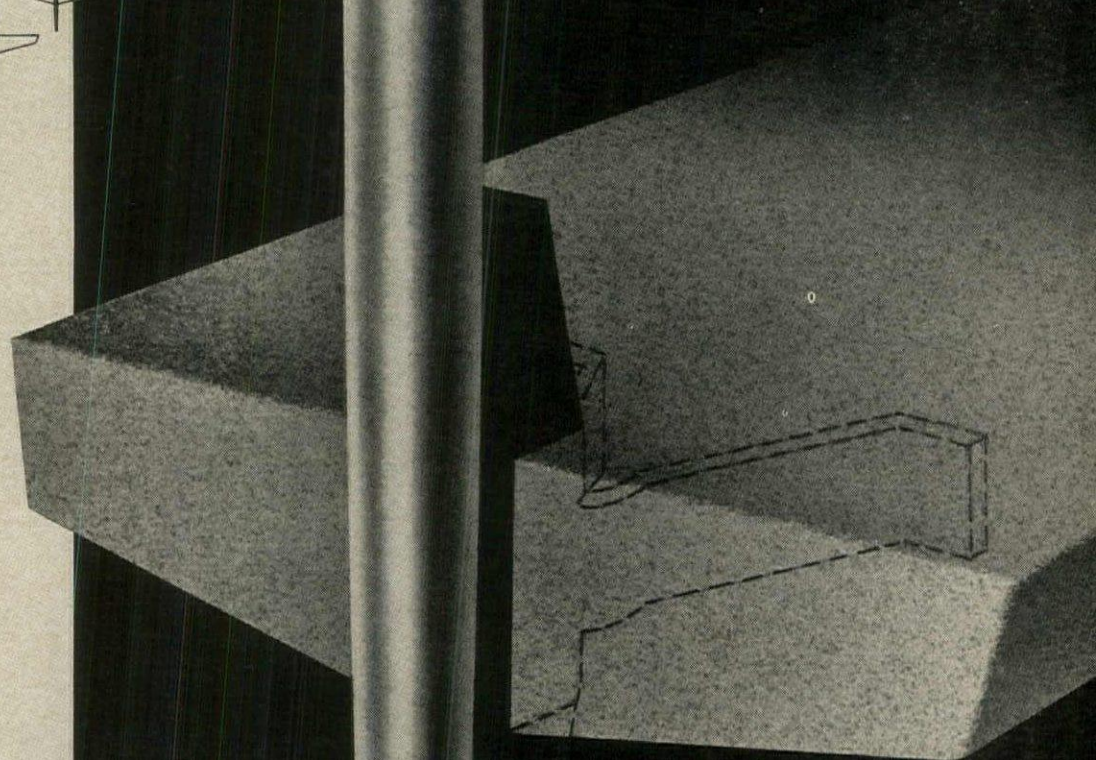




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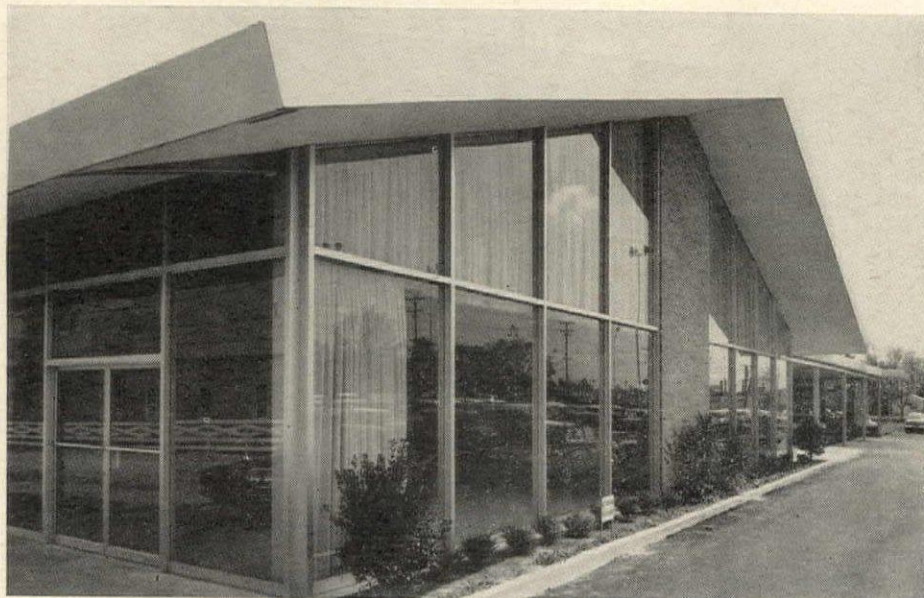
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Above, view of the interior of the showroom. Below, exterior of the showroom.



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MARTINSVILLE, VIRGINIA



Chapel Wing, Virginia Methodist Home for the Aged

MILTON L. GRIGG
Architect

ROACHE & MERCER
Consulting Engineers,
Mechanical

KENBRIDGE CONSTRUCTION CO.
General Contractor

IT WAS a preconception of the donors, the Hermitage Guild of the Virginia Conference of the Methodist Church, that the chapel and recreational facilities be built in traditional Virginia Colonial style. Preliminary sketches, however, indicated the inadequacy of their budget, and the scheme as finally adopted was done in a brick and limestone mass to be harmonious with the Georgian detail of the existing Home. The interior of the Chapel was kept extremely simple, making maximum use of the conchoidal glass panels which were employed to set the atmosphere and character of the area. The glass, executed by Willet Stained Glass Studios of Philadelphia, was designed to furnish structural spandrels and the subjects employed were eight scenes from the

life of Christ. Laminated trusses were employed and open timber sheathing was exposed, all being tied in in finish with the Philippine mahogany paneling and reredos surround at the chancel area.

The chancel area is dominated by a dramatic cross of stone and mahogany which is pierced with a two inch wide strip of glass on which there is cemented faceted lucite in random broken forms to give a play of refracted light through the generally predominantly red to orange transparency.

This cross is surrounded with a reredos made of gold velvet in French folds to suggest rays emanating outward from the cross.

A feature of the plan is provision for wheelchair-borne residents to be seated

as members of the congregation; wide aisles, and exact control of draft free heat to suit the physical requirements of the elderly residents of the Home.

The aisles are carpeted in gold carpet, and vinyl cork is employed in the pew areas.

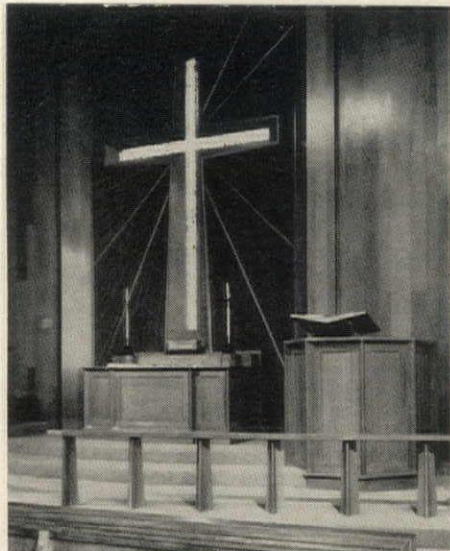
The pews, chancel furnishings, lighting fixtures, glass and decoration were designed by the architect as an integral part of the building.

There is a small meditation chapel also featuring faceted glass windows adjacent to the main chapel, these being situated on the second floor level of the Home and accessible by elevator.

The bottom floor at the ground level is a large recreation room complete with stage, dramatic equipment and a service kitchen-pantry.

The architect was Milton L. Grigg, F.A.I.A., of Charlottesville; the mechanical engineers were Roache and Mercer of Richmond; the general contractor was Kenbridge Construction of Kenbridge, Virginia. Chancel furnishings were manufactured by the Charlottesville Lumber Company of Charlottesville; the seating was furnished by the Southern Desk Company of Hickory, North Carolina.

The cost of the building was ninety-six cents a cubic foot exclusive of the cost of the stained glass which was obtained for approximately \$20.00 a square foot in place.



Other subcontractors and material suppliers were Jaquez Concrete Co., Richmond, and Richmond Ready-Mix Corp., concrete; M. G. Bagley, Kenbridge, masonry; Concrete Structures, Inc., prestressed concrete; James H. Carr, Inc., Richmond, roof deck and structural wood; N. W. Martin & Bros., Inc., Richmond, roofing; S & W Steel Co., Richmond, steel, and Bowker & Roden, Inc., Richmond, reinforcing steel.



Others, also of Richmond unless otherwise specified, were Economy Cast Stone Co., stone work; Truscon Steel Division, windows; E. Caligari & Son, painting; Cavalier Coating Co., plastic wall finish; Charlottesville Lumber Co., paneling, and Alton Waterproofing Co., waterproofing.

Also, C. H. Magruder, plaster; Standard Tile Co., Staunton, resilient tile; Oliva & Lazzari, Inc., Al-

berene window sills; Charlottesville Lumber Co., H. Beckstoffer's Sons, millwork; Capital Lighting & Supply, Inc., Alexandria, lighting fixtures; Rabe Electric Co., Inc., electrical work; Wachter & Wolff Corp., plumbing and ventilating; Pleasants Hardware Co., hardware, and Carpetland, carpet.

2

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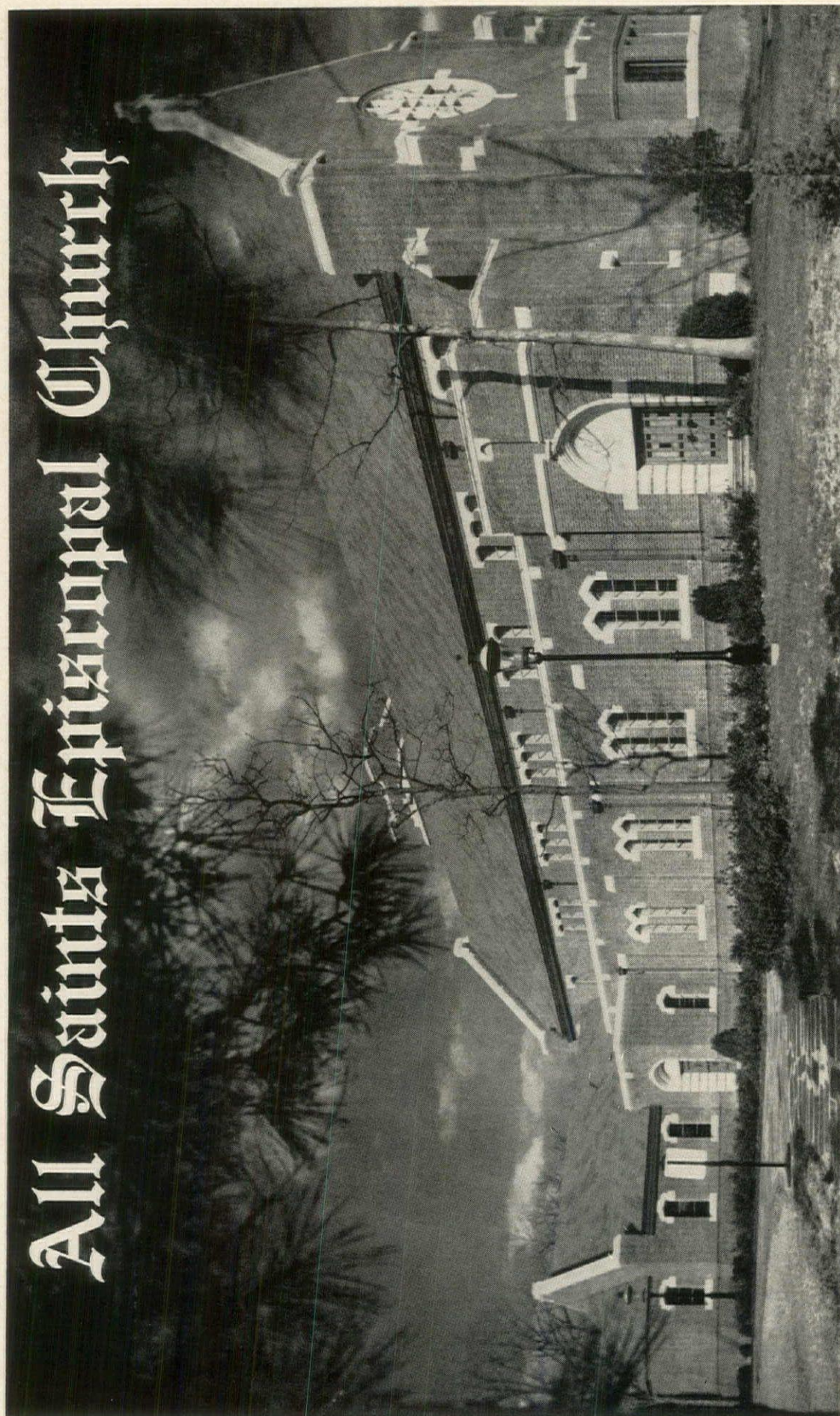
Commercial — Industrial

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Troutville, Va.

Subcontractors: plumbing, heating, air conditioning and
ventilating for manufacturing plant and office of Double
Envelope Corp., Inc. See page 31.

All Saints Episcopal Church



CARNEAL & JOHNSTON: Architect-Engineer

ELLIOTT L. CHISLING: Consulting Architect

TAYLOR & PARRISH, INC.
General Contractors

CHARLES S. LEOPOLD
Consulting Engineer, Mechanical

ALL SAINTS EPISCOPAL CHURCH

THE NEW ALL SAINTS EPISCOPAL CHURCH located at Roslyn west of Richmond was dedicated on Easter Sunday in 1959. It replaced the downtown church building in use since 1901, which was a landmark in central Richmond.

The new church, for which Elliott L. Chisling, AIA, of Hollywood, Florida, was consulting architect to Carneal & Johnston, principal designer, is of an English country Gothic style in contrast to the more sophisticated French Gothic of the older building. When completed it will be a complex of buildings on the hill west of Roslyn, forming a "U" shaped court open toward the James River.

The new church, which is considered by its rector, Robert M. Olton, as relatively plain when compared with the symbolism of the older downtown building, did include in its construction nine mosaics which had been grouped behind the altar and are now spread out through the church between the windows and where they blend quite well with the different interior. The clerestory windows, of the Tiffany pattern, which were to have been moved to the new building, were not included in the design, although sections of them are destined for use in the parish house and other planned additions.

Mr. Olton praises two features of the design of the new building, which he says are great improvements over the former location. The new church is without any sound amplification equipment, the natural acoustical qualities making it possible to be heard throughout the building with clarity. Additionally, except on the darkest and most overcast days, the window arrangement gives adequate light in the sanctuary without the use of artificial light, a particular achievement in view of the fact

that even on bright days there is no glare from the same windows.

Many interesting details are included in the building, such as painted decoration on the roof trusses, which Mr. Olton says is not symbolic but only decorative in the manner of similar painting in churches in pre-Reformation England.

Some years ago, when the church decided to move westward, J. Ambler Johnston was a member of a committee chosen by the church to investigate the needs of a new church building. As familiar with the Gothic idiom as he was, from the many college buildings of this type his office has designed, he recognized the need for a specialist in religious Gothic design and after a search for such specialists, arranged with Mr. Chisling as a consultant.

The new building, which is cross shaped, is 63 feet wide and 157 feet long. One story in height, it is faced

with brick, most of which was laid by a father and his five sons, the Garrett family, and which the Reverend Mr. Olton remarks is one of the finest brick-masonry jobs in the Richmond area.

Taylor & Parrish, Inc., were general contractors, and also did the excavating, foundations, concrete and carpentry work. Subcontractors and material suppliers, all of Richmond unless otherwise noted, were as follows:

W. D. Duke, Inc., brickwork; Empire Granite Corp., limestone; Liphart Steel Co., Inc., steel; P. E. Eubank & Co., Zonatile roof deck; N. W. Martin & Bros., Inc., roofing, waterproofing, insulation; Oliva & Lazzari, Inc., stone work, ceramic tile; W. H. Stovall & Co., Inc., windows; Lewis E. Ferguson, painting.

Also, Stowe & Denton, plaster; McL. T. O'Ferrall & Co., resilient tile; R. E. Richardson & Sons, Inc., millwork; Bowker & Roden, Inc., steel doors and bucks; Rambusch Decorating Co., New York City, lighting fixtures and stencil work in ceiling; Union Electric Co., Inc., electrical work; Richmond Mechanical Contractors, plumbing fixtures, plumbing, air conditioning, heating and ventilating; E. S. Chappell Co., Inc., calking; Virginia Steel Co., Inc., bar joists; Pleasants Hardware Co., hardware; Fagan Stone Co., Inc., Bloomington, Ind., limestone.



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State Reg. 1824

General contractor for manufacturing plant and office of Double Envelope Corporation, Inc., Roanoke, featured on page 31, and for the office building, Bassett Furniture Industries, Bassett, featured on page 16.

ANDREWS & PARRISH

GENERAL CONTRACTORS

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Commercial and Industrial Construction

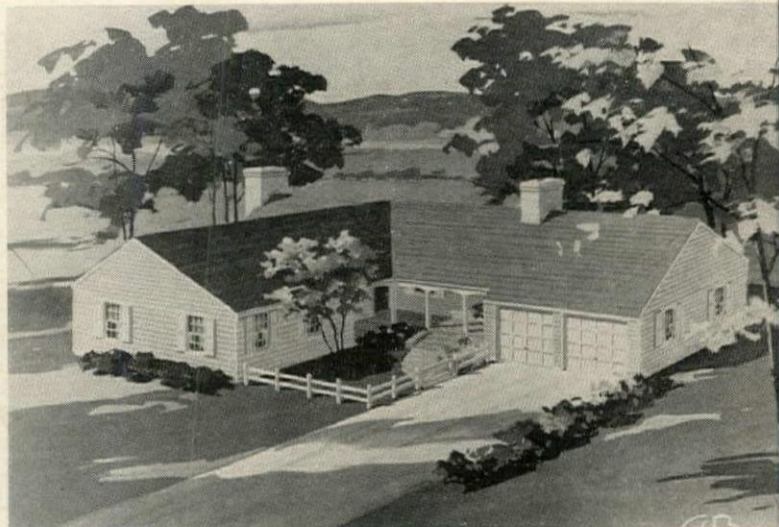
School St. at Aspen Ave. (Greendale)
P. O. Box 9498

Richmond, Va.

Tel.
CO 6-5782

General Contractor for Dominion Chevrolet Company Sales and Service Building, Richmond, Virginia, See page 18.

UNIQUE RESIDENTIAL DEVELOPMENT



MEADOWBROOK TERRACE DESIGNED BY OLIVER & SMITH

ONE OF THE MOST UNIQUE residential developments ever to be built is being started this month in Norfolk.

Meadowbrook Terrace Homes, a development of 154 houses on 70 acres of land, was conceived by Oscar B. Ferebee, Jr., Vice President of Goodman-Segar-Hogan Residential Sales Corporation of Norfolk, and will be one of the first on the East Coast to be completely planned even to include underground electrical and telephone distribution.

Mr. Ferebee was commissioned by Jacob Brody, the developer of the land, to sell the property. Instead of selling

the land as individual lots, it was Ferebee's idea to sell it to a group of individual builders, James Robinson, John A. Ermen, Joseph C. Cox and Edward S. Martin, who, in turn, would construct fine houses. The sales to the builders materialized but with no particular designs available, Ferebee turned to Oliver and Smith, Architects, of Norfolk, to design a community of early American homes that would appeal to those who wished to live in a fine neighborhood, having more advantages than they might find elsewhere.

The architects went to work on what

they had envisioned to be a simple task, but which, in the end, became a very intriguing and complex planning problem. They were constantly in consultation with Mr. Ferebee, the builders, the utility companies, building officials, material manufacturers and many others.

As the planning progressed, it was apparent that every convenience should be included in the development and from the first the most important feature was the installation of all wiring underground instead of the usual overhead system of power poles, wires and

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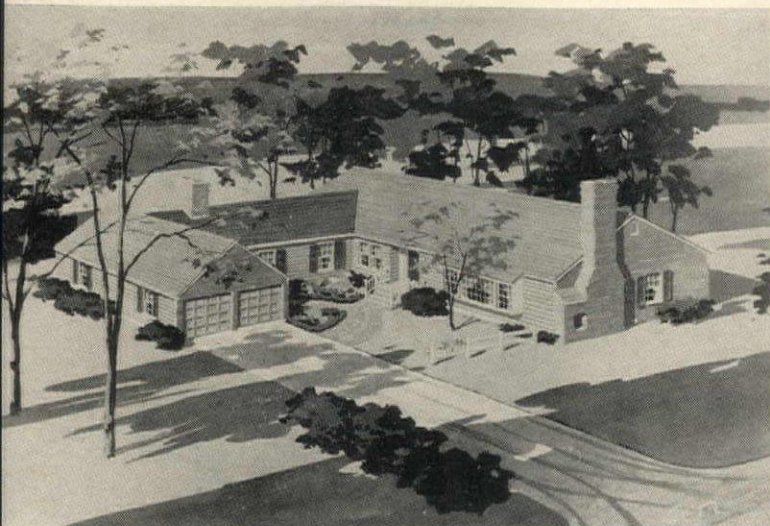
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transformers. To meet one objection, it was decided to place a lamp post at the sidewalk in front of each home. This would eliminate the necessity of street lighting being installed on a power pole at a street corner.

To assure the utility companies that the planning of this development was to be the latest in every respect, the sales and planning group advised, after thorough study, that heat pump heating and cooling equipment would be used entirely. In addition to this, the homes were planned to be totally electric and eligible to receive the Gold Medallion.

The Virginia Electric and Power Co. and the Chesapeake and Potomac Telephone Co. have both coordinated and

cooperated with all groups in this planning, thus helping to create a modern and distinctive community.

The homes will be constructed of frame, brick and frame and brick and are one and two story structures. They contain from three to five bedrooms, living room, recreation room, dining room, kitchen, utility room, two car garage and from 2 to 2½ baths. Exterior fencing and brick sidewalks and landscaping will be included with the house, as will such kitchen appliances as a range top, oven, disposal and dishwasher.

The master plan for the development includes six basic models with approximately 40 variations. All exterior color

schemes will be selected to closely resemble those of early American times and with the use of color, and various exterior designs of cornices, chimneys, doorways and fences, it is possible that there will be no two homes exactly alike.

The sales price of the homes, including lot and all equipment, will range from \$27,000.00 to \$38,000.00.

This development is the result of complete teamwork between the sales agent, the architect, and the builder and is indicative of what is to come in the future where this team has the foresight to plan ahead to provide the future customer with a modern and comfortable way of living.

JOHN A. DULL

General Contractor

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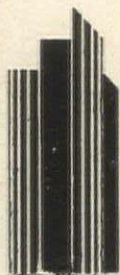
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ROANOKE, VIRGINIA

General Contractor for the new
Roanoke Valley Animal Shelter
featured on page 35.

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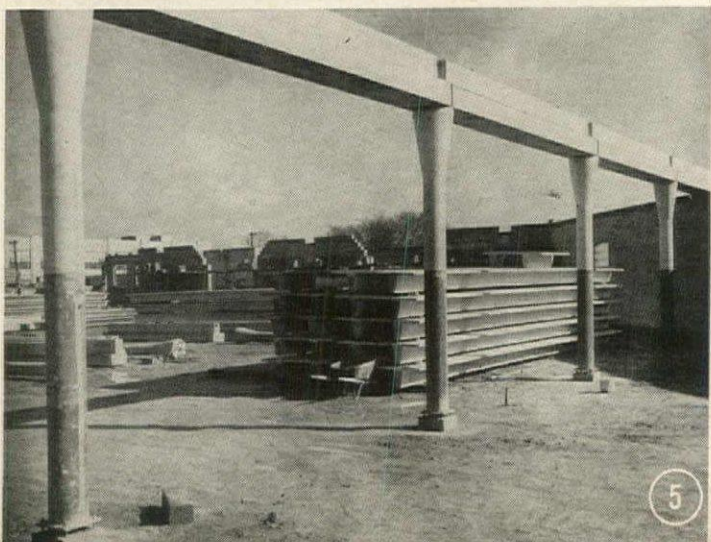
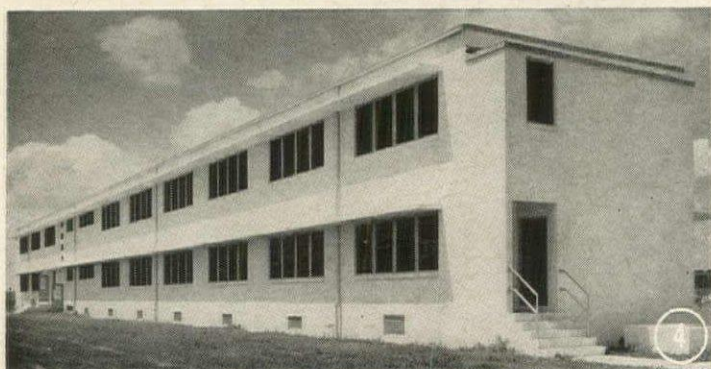
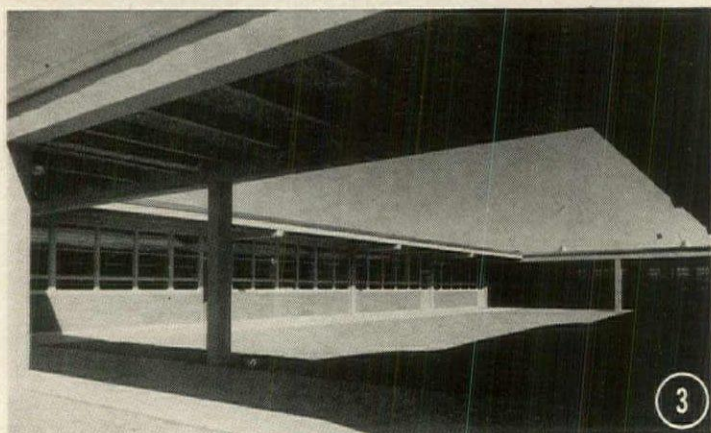


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in Virginia

imaginative new uses of concrete in pre-stressed and thin shell forms



SOME OF THE most interesting sights to attract the attention of travelers today are found unexpectedly in new structures along the way.

Motels, filling stations, restaurants, churches, stores and other types of buildings are appearing in such unusual shapes as three-cornered domes, inverted umbrellas and wine glasses, or with roofs folded in accordion pleats or curved in two directions. Responsible for this architectural variety is a relatively new type of construction in this country called reinforced shell concrete.

Plane travelers landing at Lambert Field, St. Louis, see an outstanding example of shell concrete in the airlines terminal building there. Designed by Minoru Yamasaki, the 412-ft. long building is composed of three sets of intersecting barrel shells which provide not only ample interior space unimpeded by columns but also a superb view of the landing field through floor-to-ceiling windows.

Now nearing completion at Idlewild Airport in New York is another terminal building that has been compared to a soaring gull. Part of architect Eero Saarinen's aim in designing the building was to have it express the excitement of travel. Two wings of the building are built of shell concrete flared outward in such a way that they suggest the poised wings of a giant bird. The bubble-shaped Kresge Auditorium at Massachusetts Institute of Technology by the same architect is one of the first and best-known structures of shell concrete in this country.

- 1) The first multi-story pre-stressed building in Virginia utilized post-tensioned concrete girders spanned with double "T" pre-stressed concrete deck panels for both the second floor and the roof. J. Henley Walker, architect.
- 2) This giant warehouse in Richmond made use of pre-stressed concrete framing and pre-stressed double "T" decking to house the high-bay modern facility.
- 3) One of the typical Virginia campus type schools in which the framing is of pre-stressed concrete "coffin" shaped joists with decks of cement-fibre panels. J. Henley Walker, architect.
- 4) Poured concrete as an exterior facing material is seen in this example, a military barracks for which Marcellus Wright & Son—Frank Grad were architects.
- 5) Double "T" pre-stressed concrete construction has proven popular and economical in Virginia. In this construction view of a warehouse for Richmond book manufacturer L. H. Jenkins the pre-stressed concrete columns are in place, topped with pre-stressed beams awaiting the installation of the double "T" sections. Marcellus Wright & Son, architects.

and Elsewhere in the Nation

Thirteen miles south of Venice, Fla., on U.S. 41, motorists come upon what appears to be a collection of intriguing square umbrellas. This is the Warm Mineral Springs Inn, a motel designed by architect Victor Lundy using a series of concrete shells mounted on concrete stems. Two different heights set the umbrellas apart. The space between is filled with glass to provide clerestory lighting.

Shallow cones top 21 columns like a series of giant champagne glasses at the Ida Cason Callaway Gardens on U.S. 27 at Pine Mountain (Chipley), Ga. The concrete shapes are grouped together to form an open-air dining pavilion. Bright pennants and striped walls on adjoining buildings contribute to an unusual and festive setting.

One reason for the popularity of shell concrete is the variety of designs it makes possible. It utilizes the same principle shown in nature in an egg shell, which because of its curving surface can withstand a surprising amount of pressure without breaking. Architects today are no longer restricted to rectangular shapes, but can obtain sculptural effects and symbolic forms resulting in many exciting, unusual and beautiful structures.

Motorists traveling along the Illinois Toll Road are generally startled to see an attractive restaurant astride opposing lanes of traffic. Five such "Oases" are provided at strategic spots, and diners can watch traffic approach and disappear underneath the building in which they enjoy their meal. The same type of prestressed concrete girders support the restaurants as were used for 217 overpass bridges on the Toll Road.

Prestressed concrete is also relatively new to this country. In the process, steel reinforcing cables are stretched and anchored, placing the concrete in a "big squeeze." This technique creates girders of great strength capable of long unsupported spans. When designs are standardized, as they were for the Illinois Toll Road bridges, and units cast at a central plant, considerable cost savings are possible. ●

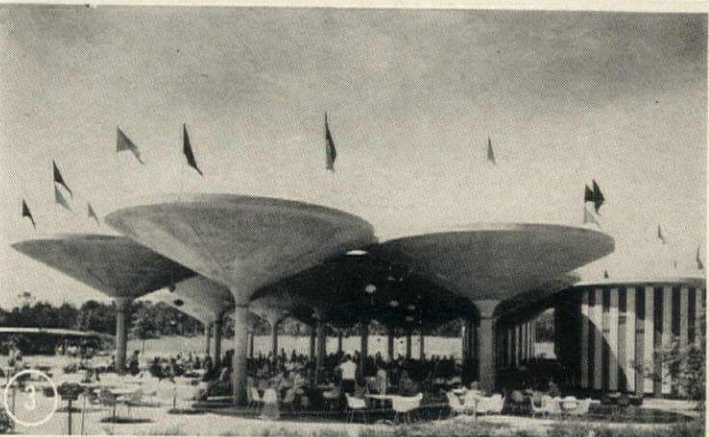
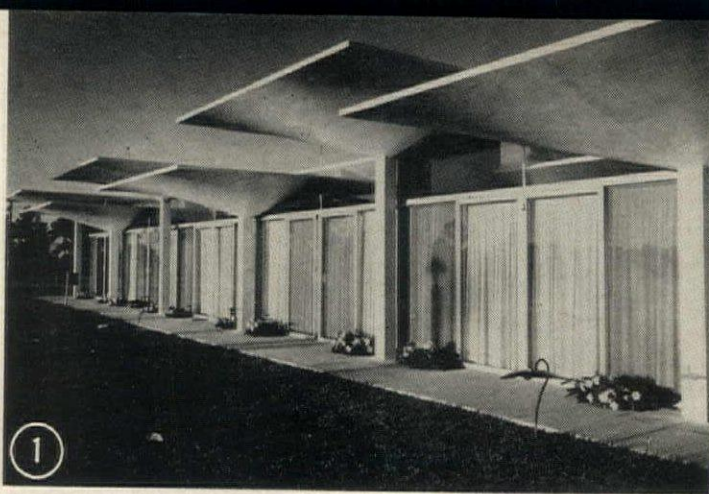
1) Warm Mineral Springs Inn on U.S. 41 near Venice, Fla., is roofed by a series of concrete "umbrellas." This attractive motel was designed by Victor Lundy.

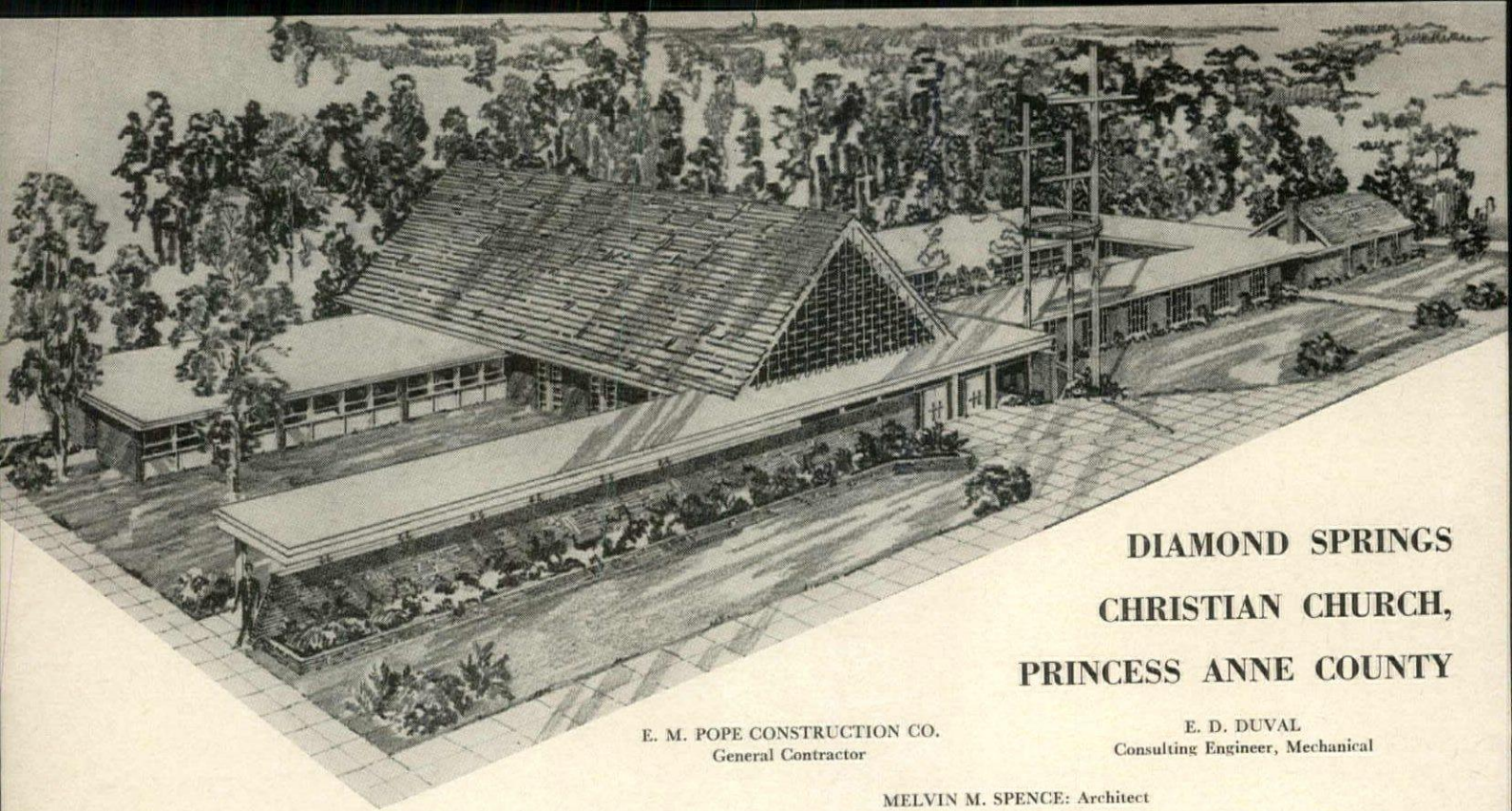
2) Something new in filling station design has proved to be a drawing card for motorists at Haysville, Kansas. The soaring lines of the roof are of shell concrete in the form of a hyperbolic paraboloid. Many unusual shapes are appearing in this material.

3) The open-air dining pavilion at Ida Cason Callaway Gardens, Pine Mountain, Ga. Concrete wineglass shapes create an unusual and festive setting for this popular vacation spot.

4) One of five Oasis restaurants on the Illinois Toll Road, where customers have an unusual and everchanging view as they dine. The long girders supporting the restaurant floor are of pre-stressed concrete, which was also used for 217 overpass bridges on the Toll Road.

5) The soaring roof lines and huge expanses of glass at the Airport Terminal Building, St. Louis, were made possible by the use of shell concrete.





DIAMOND SPRINGS CHRISTIAN CHURCH, PRINCESS ANNE COUNTY

E. M. POPE CONSTRUCTION CO.
General Contractor

E. D. DUVAL
Consulting Engineer, Mechanical

MELVIN M. SPENCE: Architect

MELVIN M. SPENCE, Architect, of Norfolk, is now preparing working drawings and specifications for the second unit (the right hand wing above containing the courtyard) of the Diamond Springs Christian Church in Princess Anne County.

The E. M. Pope Construction Company, of Norfolk, was the general contractor for the first unit of the Church, the Fellowship Hall and Educational wings shown at left above. Completed in 1957, this first unit of the church complex cost \$45,000.

Located on Haden Road in Diamond Springs, the congregation of the church formerly held their services, under Pastor John Willard Johnson, in the Bayside School. After the first phase of the new building was completed, services were shifted to the fellowship hall

which is still in use pending the third stage of the project which will include the main sanctuary shown in the center of the architect's drawing.

The exterior of the entire building complex will be of brick. The two buildings (at left) which have already been built have both exposed block and plaster finished interior walls, block in the fellowship hall and plaster in the classroom building. Wood laminated arches were used to support the roof. Heating in the existing portion of the building is by hot water baseboard.

In the \$65,000 portion of the building soon to be offered for bids, similar construction and finish will be employed. The new unit will be air-conditioned, however, by means of a heat pump which will also supply the heat.

E. D. Duval is the consulting mechanical engineer for the project. The laminated arches for the first building phase were supplied by the Roof Engineering Corporation of Norfolk, who also did the roofing. Plumbing and heating for the completed portion was by W. D. Sams Plumbing & Heating Co., of Norfolk. The electrical work was by J. B. Basnight, also of Norfolk.



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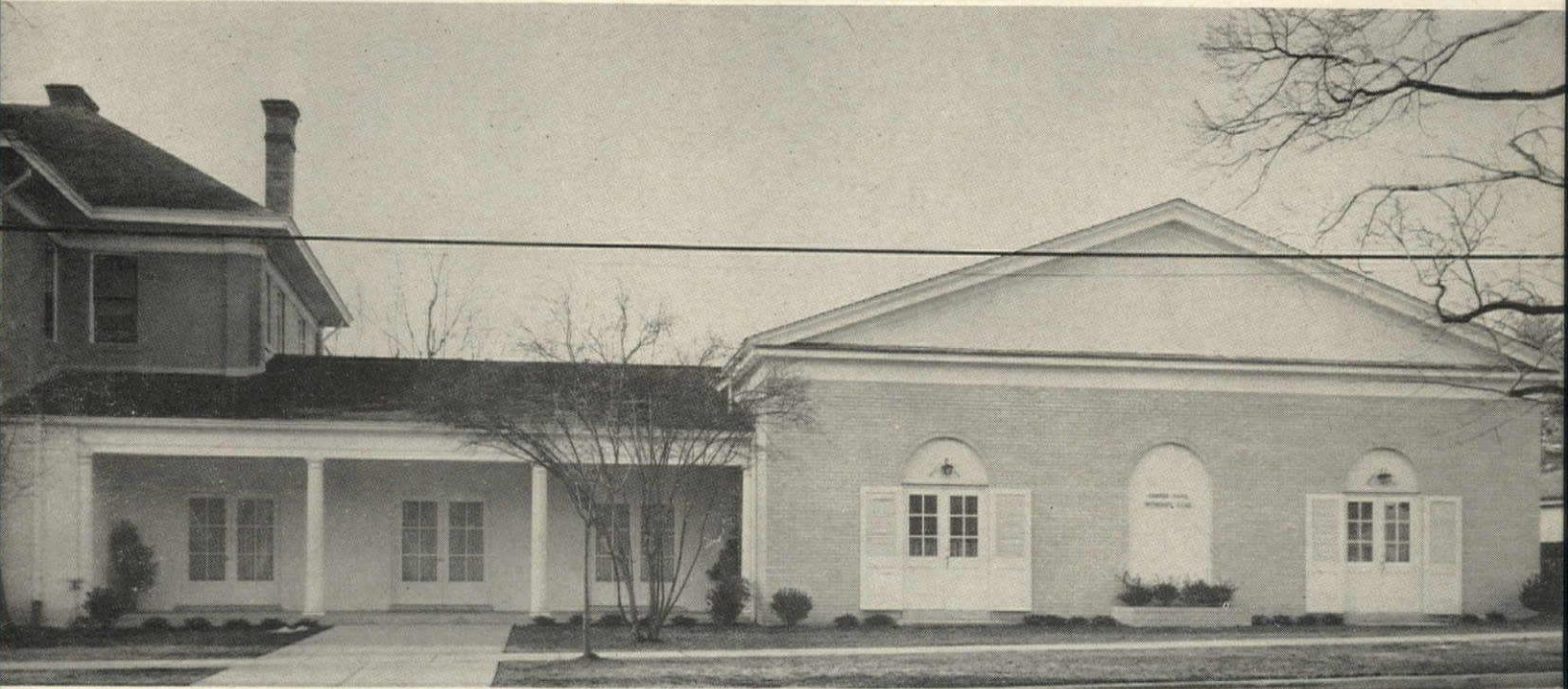
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Auditorium Features Special Acoustic Treatment



GINTER PARK WOMAN'S CLUB - RICHMOND

W. B. VAN BAKERGEM: Architect

C. E. NUCKOLS
General Contractor

WARREN L. BRAUN
Acoustic Consultant

THE GINTER PARK WOMAN'S CLUB, of Richmond, required an auditorium with a seating capacity of a minimum of 300 seats with related facilities, such as lobby, etc., at the existing clubhouse on 3016 Seminary Avenue.

One of the primary requirements was to have an auditorium that is acoustically correct for lectures as well as for the outstanding musical programs which are regularly held at the Club. The second requirement was that the auditorium could be used separately from the clubhouse to enable the Club to lease the auditorium to outside activities, civic meetings, cotillions, etc.

The objectives were accomplished by building the auditorium and a large lobby as an addition to the existing clubhouse in the rear yard.

Since the clubhouse was located on the corner of Seminary and Rennie Avenues, it was possible to have a separate entrance to the auditorium lobby from Rennie Avenue.

A wide sidewalk from Rennie Avenue leads to an arcade and the entrance of the lobby. The arcade, which is 40' x 9', serves as a shelter for guests entering and leaving the building.

A large lobby, 24' x 31', serves to absorb the overflow of patrons before entering the auditorium as well as to accommodate the serving of refresh-



ments to guests in the intermission. A large vestuary from the lobby in the existing building is provided for coats, etc.

The kitchen facilities were modernized and through a pass window it is possible to serve direct into the lobby.
(Please turn the page)

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A short hall to the stage entrance and the front door to the auditorium serves also as access to the restrooms.

The auditorium is 48' wide and 50' long from rear wall to the proscenium opening.

The main dimensions of width, height and length were established, first, by the required size for 300 seats and aisles, and, second, by acoustical requirements as established by the acoustical consultant, Warren L. Braun. The acoustical design required a complete analysis of the walls, ceilings, and proscenium opening. The required effects were accomplished by the treatment of the stage cyclorama and partially the rear wall of the auditorium with polycylindrical surfaces, by an acoustically transparent proscenium wall of several layers of fiber glass curtains and cloth, and by an absorbent cover along the laminated arches at the ceiling and side walls.

In order to avoid excessive absorption of sound at the ceiling, it was found practical to install the ceiling with a

hard plaster finish with the acoustical correction installed in the above mentioned coves.

The over-all effect of this design is excellent for speaking as well as for musical programs which can be held in this auditorium without the use of electronic amplifiers.

General contractor was C. E. Nuckols, of Richmond.

Subcontractors and materials suppliers, all of Richmond unless otherwise noted, were as follows:

P. E. Eubank & Co., excavating, foundations, and concrete; E. L. Harrington, masonry; N. W. Martin & Bros., Inc., roofing; Truscon Steel Division, windows.

Roof Engineering Corp., Norfolk, laminated arches; C. E. Nuckols, carpentry, acoustical; Sash Door & Glass Corp., glazing; E. Caligari & Son, Inc., painting and plastic wall finish; W. K. Hawkins Engineering Co., insulation, and J. A. Wilton, Jr. & Bro., plaster.

Also, McL. T. O'Ferrall & Co., ceramic and resilient tile; Miller Manufacturing Co., Inc., millwork; The Staley Co., steel doors and bucks; A. E. Allen, Inc., lighting fixtures; George D. Wagner, Inc., electrical work.

Crane Co., plumbing fixtures; R. C. Beverley Heating Co., Inc., plumbing; Air Flo Heating & Air Conditioning, Inc., heating and ventilating; James H. Carr, Inc., trussed rafters, and Tom Jones Hardware Co., Inc., hardware.

Interior decorating was by Mill End Shop.

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ROANOKE,

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featured on page 31 of this issue.

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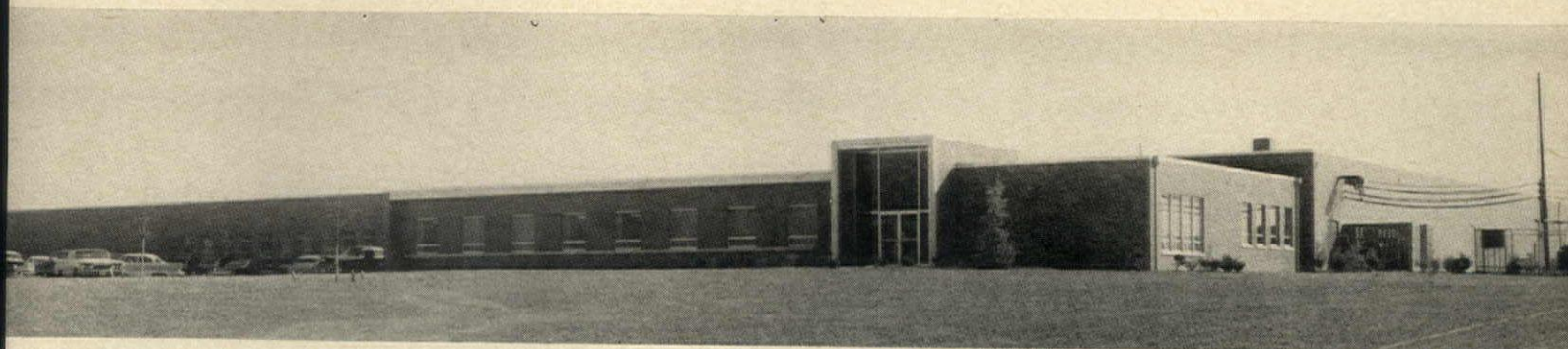
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Roanoke County Office and Factory Building



KINSEY & MOTLEY
Architects

J. M. TURNER & CO., INC.
General Contractor

photos by
Warren W. Gilbert

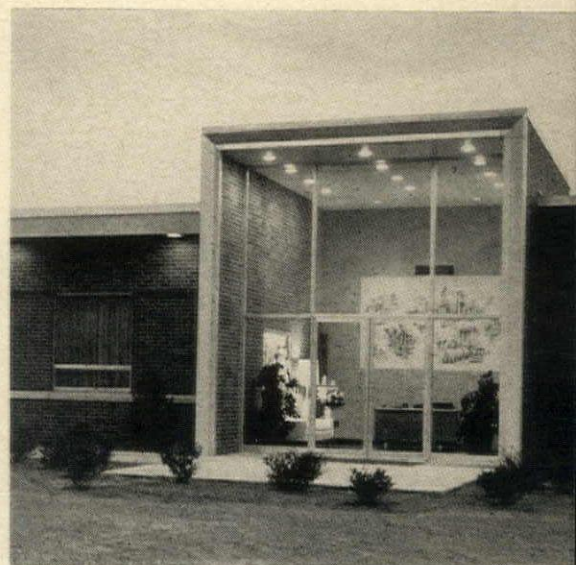
both the manufacturing plant and the administrative offices. The plant occupies approximately 66,000 square feet and administrative offices approximately 9,000 square feet.

The manufacturing area is framed in a cantilevered structural steel system having a bay spacing of approximately 32' x 40' x 40'-0". Exterior bearing walls are composed of concrete block and brick. Provisions have been made for future expansion at the rear of the manufacturing area. The roof is of the built-up type on a 3" light weight concrete deck.

The office area is constructed of brick and concrete block cavity bearing walls supporting clear span steel joists, 4" light weight concrete deck and built-up roof.

The administrative offices are heated and cooled by heat pumps. The manufacturing area is heated by gas fired boilers serving unit heaters.

General contractor was J. M. Turner & Co., Inc., of Roanoke, who also did



DESIGNED BY THE SALEM architectural firm of Kinsey & Motley, the new home of the Double Envelope Corporation is located on Plantation Road in north Roanoke County. The Double Envelope Corporation was founded in 1917 with four employees and today employs a force of 250 with a capacity of producing, in one week, nearly 15 million envelopes in a variety of styles and sizes.

With a floor area of approximately 75,000 square feet, the building houses

the excavating, foundations, concrete and masonry work, as well as the carpentry, painting and structural tile.

Subcontractors and material suppliers were as follows:

Roanoke Iron & Bridgeworks, steel; Valley Roof Deck Co., roof deck; Valley Roofing Corp., roofing; Roanoke Engineering Sales Co., windows; Pittsburgh Plate Glass Co., glazing.

Also, Hampshire Corporation, acoustical and plaster; Magic City Tile Co., resilient tile; City Steel Door Corp., New York, steel doors and bucks; John M. Murphy, electrical work; American Standard, plumbing fixtures; G. J. Hopkins, Inc., Troutville, plumbing, air conditioning, heating and ventilating, and John A. Hall & Co., Inc., paving.

All are Roanoke firms unless otherwise stated.

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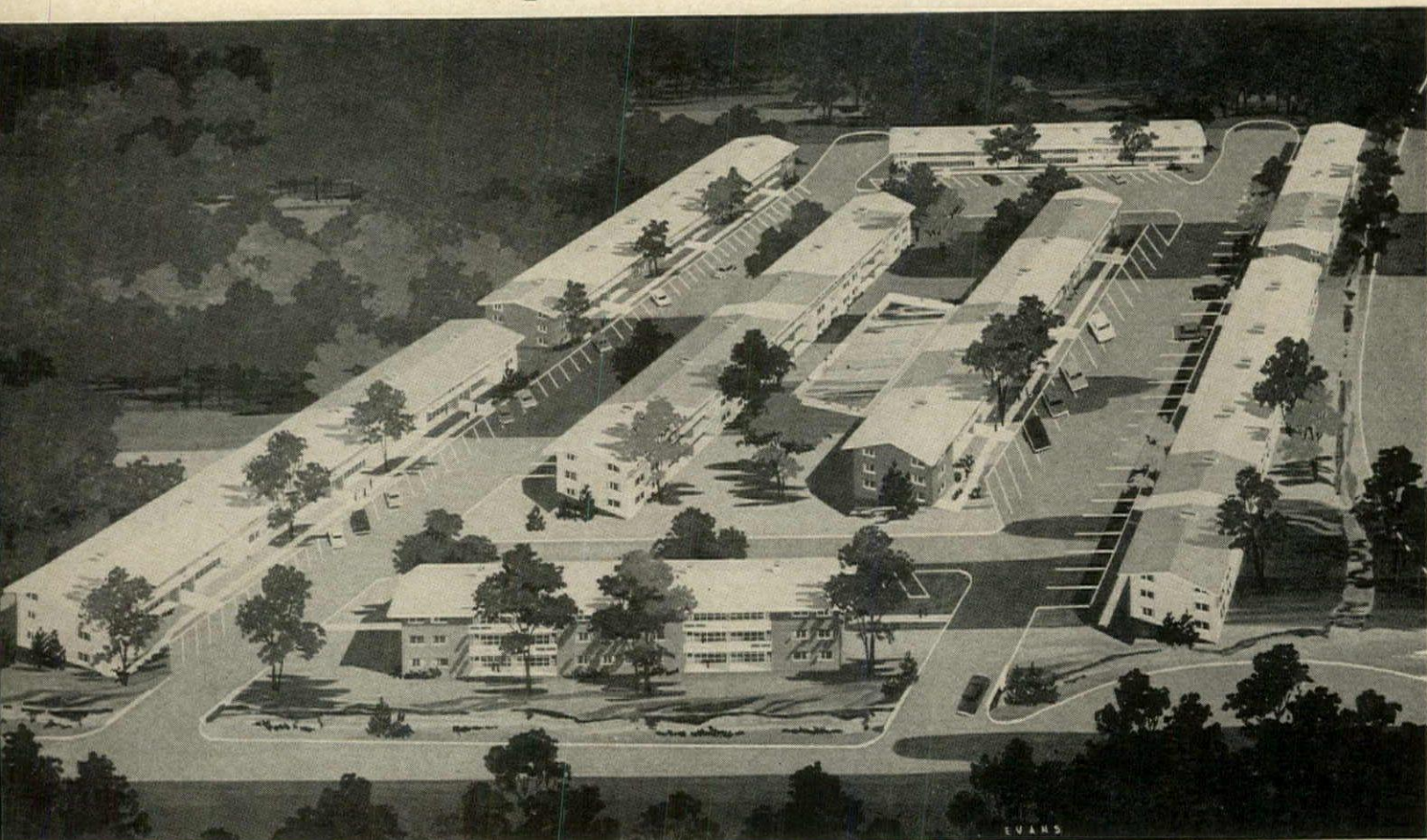
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Hampshire Place Apartments



EDWARD F. SINNOTT & SON
Architects

PAUL GORDON ASSOCIATES, INC.
Owner & Builder

TORRENCE, DREELIN & ASSOCIATES
Consulting Engineer, Structural

The site of this apartment group is located on Bassett at 47th Street immediately adjacent to Westover Hills Boulevard in Richmond's South Side. The area has developed rapidly within the past ten years, but because of zoning restrictions has had a minimum number of multi-family dwelling units built during this period. Its proximity to various important traffic arteries and rather densely developed commercial areas still makes it reasonably close to downtown Richmond business areas. The hilly site of some seven and a quarter acres presented problems in locating the conventional three story buildings. However, a design was conceived that took advantage of the topography and resulted in a feature that tenants on any floor walk only one flight of steps to enter or leave their dwelling unit.

Each tenant will have his own private outdoor terrace or cantilevered porch opening from the dining and living area. A large window wall separates these two areas and makes the generous

size of these spaces seem even larger.

Wood parquet flooring is used throughout the dwelling unit except in the bathroom where ceramic tile is the finish.

Dwelling units are separated by staggered stud construction with sound absorbing blankets interwoven through the studding for nearly perfect sound control.

Each unit is a separate mechanical electrical entity and the occupant has complete control over his individual heating, ventilating and air-conditioning. Built-in range, water heaters and heating and air-conditioning units are all gas-fired and of compact design. The mechanical equipment is housed in an enclosure accessible only from the outside terraces to keep what little maintenance that is anticipated on the outside of the dwelling unit.

Tenants will automatically have membership in a community swimming pool located in the center of the project.

Each building will consist of 32 living units and will have separate storage

areas on the ground floor for each tenant plus an automatic laundry room for the use of the tenants.

Generous paved parking areas are provided immediately adjacent to all dwelling units.

An existing stream will be diverted and allowed to wind through the landscaped areas of the site.

Land area per tenant is much greater than that in most existing multi-family units built in this area. Under present zoning restrictions approximately 350 dwelling units could have been placed on the site. All parties involved considered this too great a population density and it was mutually agreed to provide more open land areas.

The main materials to be used in construction are face brick with concrete block back-up; wood is to be used for floor, roof and interior partition construction; $\frac{3}{4}$ " laminated wall board walls painted with textured paint. The upper level apartments will have exposed beams on sloping ceilings.

Byrd Corporation Office Building



EDWARD F. SINNOTT & SON
Architects

DANIEL CONSTRUCTION CO. OF VA.
General Contractors

ROBERT S. SPRATLEY, Mechanical; WILLIAM G. VANSANT, Electrical; TORRENCE, DREELIN & ASSOC., Structural Consulting Engineers

THE BUILDING is to be located on Byrd Avenue, south of Broad Street, Henrico County, near Willow Lawn Shopping Center and directly opposite the new Executive Motel now under construction.

The structure with its off-street parking facilities, affording two-level parking for tenants, comprises approximately 21,000 square feet of rentable area, distributed over two-story and three-story portions of building. Area of site 280' x 143'.

Construction will entail use of concrete, brick and back-up of concrete block. Steel frame structural system, with steel deck floor and roof plan. Having rigid insulation and 20-year bonded composition roof. Aluminum gravel stop and fascia members. Decorative design of solar screens on front and rear walls of all rental areas.

Office floor areas are provided with under-floor raceways to accommodate flexible availability of power and light outlets.

Such floor areas to have vinyl-asbestos floor covering.

Ceilings to be of fibre-glass acoustical tile.

Walls of rental area to be plaster, painted finish.

Partitions to be gypsum block, plastered and painted.

Foyers to have prefinished wood panelled walls, terrazzo floors and decorative acoustical ceilings.

Treads of stairway in central core of building to be precast terrazzo.

Toilet room finishes to be vitreous and ceramic tile floors, base and wainscot; plaster upper walls and ceiling painted.

Windows to be of aluminum or steel construction. Main entrance doors, frames and glass surrounds of aluminum.

Electric passenger elevator service accommodates all rental areas.

Heating, cooling and air-conditioning central system located in center core of structure, provides location of heating system in basement.

Cooling and air-conditioning central system is accommodated in pent above main roof.

Individual suite controls are provided on heating as well as cooling and air-conditioning.

Ample electrical energy will prevail for power and lighting. Highly efficient type of fluorescent light fixtures throughout.

General Features:

The very accessible location to business areas, with ample public transportation facilities and ideal immediate surroundings, plus the zoned requirements of locality calling for unusual set-backs off property line and adequate off-street parking facilities, make for ideal comfort and pleasant outlook in all vistas from every part of structure.

Facilities to be afforded near site of this structure are shopping and eating; banking and related accommodations. For up-to-date motel facilities, catering to executive use, the new Executive Motel directly across from the Byrd Office Building should appeal to travelling executives whose branch or district offices might well be located in Byrd Office Building.

(Please turn the page)

MOTEL (from page 15)

December 29, 1959 and all four slabs were in place by January 11th in spite of several delays due to bad weather.

The two additional stories will be of steel frame construction with bar joists and concrete decks. The building will be completely air conditioned by means of one or more fan coil units in each room using chilled water from a central system. The lobby and dining room will have a typical duct system for heating, cooling, and ventilating.

One feature of the exterior is the Solite Shadow Wall block panels on each of the street and alley elevations. These will have a screen made up of extruded aluminum sections with colorful spots of Plexiglass. The solite blocks will be painted with Epoxy resinous type of paint in soft colors.

The interior was decorated by N. Chasen & Son, Richmond.

General contractor was Thorington Construction Co., Inc., Richmond, who also served as contractors for foundations and carpentry.

Subcontractors and material suppliers were Southern Materials Co., Inc., concrete; W. D. Duke, Inc., masonry; Richmond Steel Co., Inc., steel; Eastern Lift Slab, Inc., lift slab; N. W. Martin & Bros., Inc., roofing.

Also, Binswanger & Co., Inc., glazing; N. Chasen & Son, painting and plastic wall finish; J. A. Wilton, Jr., & Bro., plaster; General Tile & Marble Co., Inc., ceramic tile; Miller Mfg. Co., Inc., millwork.

Others were Coast Line Steel Products, Roanoke, steel doors and bucks; E. C. Ernst, Inc., electrical work; Standard Plumbing Supply Co., New York, plumbing fixtures; Hyman Refrigeration Co., Inc., plumbing, air conditioning, heating and ventilating; Virginia Elevator Co., Inc., elevators; Concrete Surfacing Corp., swimming pools; and Ware Laboratories, Miami, Fla.; windows.

All are Richmond firms unless otherwise specified.

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ROANOKE, VA.

BYRD CORP. (from page 33)

The unique solar screen lends an exterior effect of pleasing textures to front and rear facades, while serving the function of largely controlling the sun's rays and preventing discomfort usually found where exterior surfaces of occupied areas are subjected to direct exposure to the sun.

Planting and general landscaping of the building site will assure an atmosphere of pleasant working conditions within and outside of all working area portions of structure.

Variable sized office units, suites or open office areas can be provided and an efficient type of operating management, maintenance and service will obtain.

All travel approaches to this site are well established, hard-surfaced and well maintained and with off-street parking provided, will tend to eliminate the usual or customary traffic congestion found in more densely populated areas.

Owners and developers of this facility known as Byrd Corporation, of Richmond, Virginia are Messrs. Louis D. Marchetti, Jr. and Louis Castelvechi.

Construction is to be done by Daniel Construction Company of Virginia.

Architects for the project are Edward F. Sinnott & Son, Richmond; structural engineers: Torrence, Dreelin & Associates, Richmond; and mechanical and electrical engineers are Spratley & Vansant, Richmond.

The structure is scheduled for completion on or about January, 1961.

BRUNSWICK LUMBER CO., Inc.

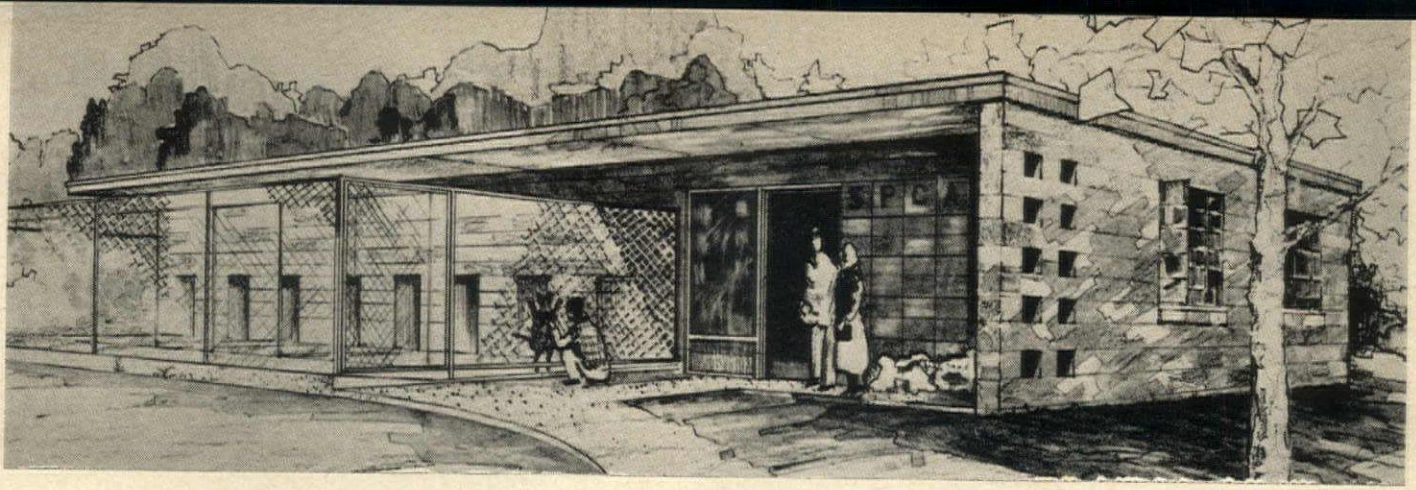
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ROANOKE VALLEY SPCA FACILITY

DESIGNED BY WINSTON SHARPLEY

JOHN A. DULL
General Contractor

• An animal shelter for the Roanoke Valley Society for the Prevention of Cruelty to Animals is presently being built in Roanoke, Virginia, and is expected to be completed and ready for occupancy in May 1960.

Designed by Winston S. Sharpley Architect, Roanoke, Virginia, the rectangular building will have complete facilities for the housing and care of 20 animals, together with living quarters for the manager. Construction generally consists of cinderblock walls, steel sash, concrete floors on grade, prestressed concrete roof deck and built up roof.

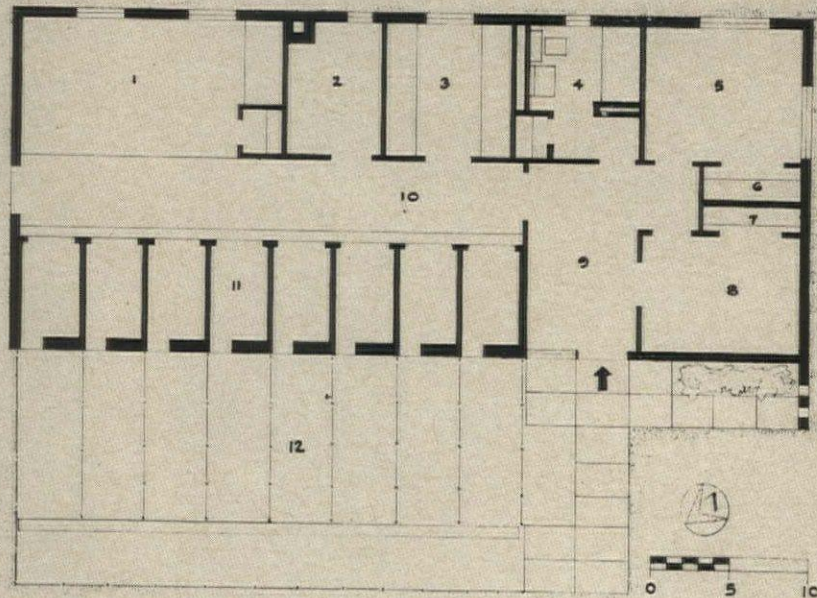
Cost of the completed building including the 20 pens, fenced runs, kitchen facilities, etc., was \$15,100.00. Contractor for the S.P.C.A. project is John A. Dull, Roanoke, Virginia.

The Roanoke Valley S.P.C.A. was chartered in 1953, and now has approximately 200 members. Membership

in the organization, and donations for the building fund have increased considerably since beginning the construction of the animal shelter. This building

is considered the first of several additional units as interest in the prevention of cruelty to animals increases in this area. •

- | | | | |
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| 1 WORK SPACE | 4 BATH | 7 STORAGE | 10 CORRIDOR |
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General Contractor for the new chapel wing of the Methodist Home for the Aged, featured on page 20 of this issue

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Alterations and Additions to Halifax Court House

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Architects & Engineers

THOMAS A. HANSON
Consulting Engineer,
Structural

HALIFAX CONTRACTORS
& BUILDERS
General Contractors

WORKING DRAWINGS have been completed for alterations and additions to the Halifax County Courthouse by Hinnant, Addison and Hinnant, Architect and Engineers of Lynchburg, and Thomas A. Hanson, consulting structural engineer of Roanoke. The existing courthouse will be restored on the exterior and completely renovated on the interior. The addition, bid in three stages, will contain jail, office and vault facilities.

The jail will have 24 completed cells on the first and second floor. Space for future cells on the ground floor will be used for storage until needed. Space has been allotted in the master plan for the addition of 18 cells at any future time. This space will be used temporarily for parking.

The first stage of 12,000 square feet will include jail and kitchen, offices for the sheriff and jailor, living quarters for the jailor and his family and a central heating plant.

The second stage of 8,500 square feet will include two floors of vault space. Suites for the Commonwealth Attorney and Circuit Court judge will occupy the second floor with conference rooms and new jury rooms.

The third stage of 22,500 square feet will include the offices of the Commissioner of Revenue, the Treasurer, the Welfare Department and other County officials. Also included will be a Trial Justice Court room and adjoining offices.

The addition will join the existing courthouse and will have access from two floor levels. It will occupy the space immediately behind and to the left of the courthouse now containing the jail, welfare building and several smaller structures which will be demolished. The main body of the addition will be constructed of precast concrete planks, beams and columns. The jail wing will be of poured-in-place concrete. The exterior walls will be of non-bearing

cavity wall construction, 4 in. of brick to match that existing, 2 in. air space and 6 in. masonry block. The interior finish of the jail will be painted concrete, the other portion will be painted masonry block with the exception of the main entrance which will be masonry block ground, polished and left in its natural state. All ceilings will be painted concrete and floors will be mainly covered with asphalt tile, except toilets and the jail kitchen which will have quarry tile and the jail wing which will be exposed concrete.

The new building will be three stories high of a rather irregular plan to conform to the space available and the needs of the occupants and will contain a total of 43,000 square feet. Windows facing the court will be colonial wood and all others including the jail windows will be metal with a permanent galvanized finish. Interior door frames will be metal and the wood doors will be five panel construction.

Heating and cooling lines as well as electrical conduits will be run in the 2½" concrete fill over the pre-cast planks and in the 3" zonolite fill on the roof. Over the roof fill will be a 20 year bonded built-up roof. The main body of the building will be heated by fan coil air conditioning units which are placed on the floor of the ground and first floor and suspended from the ceiling of the second floor.

The addition has been designed to maintain and enhance the dignity and character of the entire square and to subordinate itself to the original courthouse.

General contractor is Halifax Contractors & Builders, of South Boston, who also served as contractors for excavating, foundations, concrete, masonry, and insulation of "Zonolite."

Other subcontractors and material suppliers are Economy Cast Stone Co., Richmond, cast stone; Montague-Betts Co., Inc., Lynchburg, steel, hardware, steel doors and bucks, handrails; Virginia Prestressed Concrete Corp., Roanoke, pre-stressed concrete; Pritchard, Durham, N. C., glazing.

Also, W. E. Sneed, South Boston, painting; Acme Equipment Co., Inc., Richmond, kitchen equipment; T. B. Dornin-Adams Co., Lynchburg, waterproofing; Lewis Spencer, Halifax, plaster; Cress Tile & Marble Co., Danville, ceramic tile.

Others are Danville Lumber & Mfg. Co., millwork; Clarke Electric Co., Danville, electric work and lighting fixtures; Ideal Electric Plumbing & Heating Co., plumbing fixtures, plumbing, air conditioning, heating and ventilating. ●

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RICHMOND, VIRGINIA

Subcontractors for electrical work on the Chapel Wing, Virginia Methodist Home for the Aged, Richmond. See page 20.

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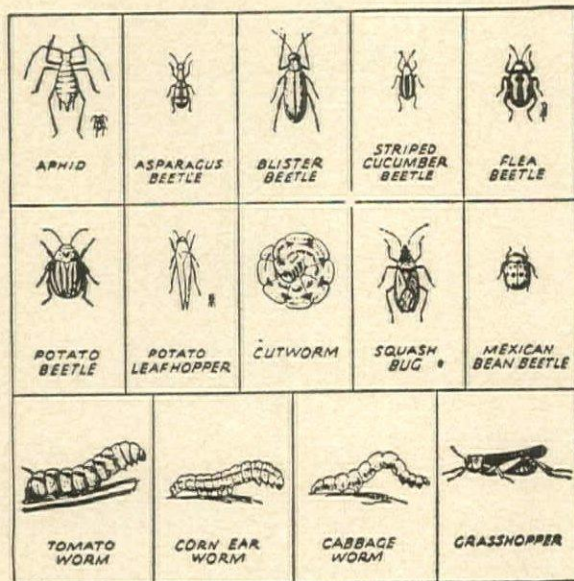
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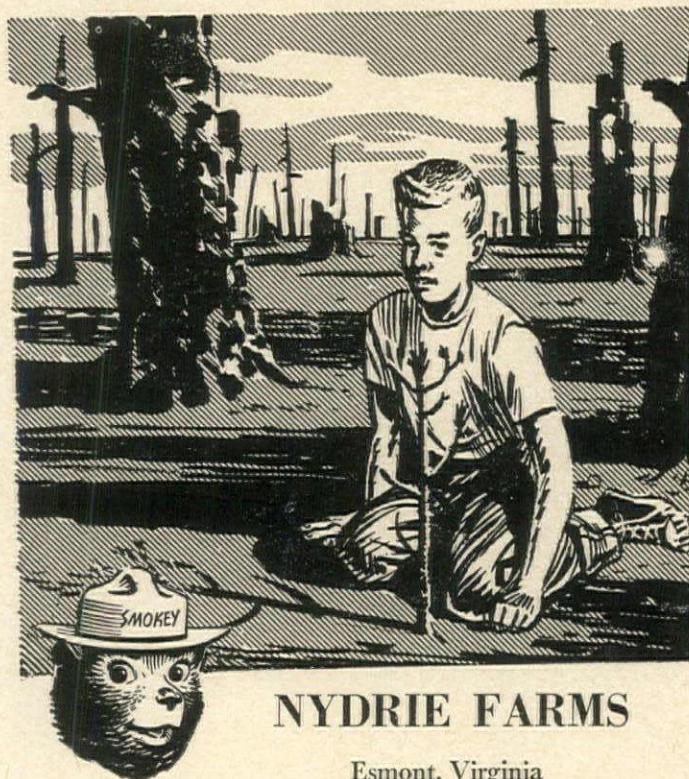
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Garden Gossip

Section

Mrs. Gerald J. Pierce, Editor

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Roses and a silver bowl—conventional go-togethers—unconventionally handled with unusually bold and exciting lines of both roses and clipped palm. The drama of this arrangement is further enhanced by the base which surprisingly lends both height and weight, adding the necessary fillip to make this Sterling Bowl Tournament (Jackson & Perkins Company) winner by Mrs. N. E. Rutt of Baton Rouge, Louisiana an inspiration to arrangers and rose-growers alike. A black and white delight, what a glorious presentation such artistry must have made in natural colors! (Photo courtesy Jackson & Perkins Company.)

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Sawdust as a Mulch On Home Gardens

Using sawdust as a mulch on the home garden has several distinct advantages, according to L. B. Wilkins, vegetable specialist at VPI. It will eliminate much of the weed problem and avoid the need of frequent cultivation. Sawdust also conserves soil moisture; especially beneficial during dry spells.

Wilkins recommends a one-inch layer of sawdust over the entire garden area, applied when plants are two to three inches tall. This material can also be used to improve germination by applying a four-inch band one-fourth inch deep over rows after seeding.

Sawdust is not toxic to plants, it does not make the soil acid, and it will loosen clay soils. Gardens on which sawdust was used the previous year should be plowed early, and nitrogen added when the material is turned under. This extra nitrogen helps soil organisms in their job of breaking sawdust down to humus.

In recent years a black plastic material has been used for mulching. It is laid down over rows in long strips. According to Wilkins, this material will do the same jobs as sawdust, except that it will not add organic matter to the soil.

When using either black plastic or sawdust as a mulch, plants should be put in level rows, not hilled. This is because rain would wash sawdust off hills, and black plastic is hard to fit properly over hills.

In a trial on tomatoes conducted over a three-year period, it was found that mulching produced 575 bushels of tomatoes per acre but ordinary cultivating produced only 354 bushels. For further information on mulching, see VPI Circular 650, revised January 1960. It is entitled "Sawdust as a Mulch" and is available from county agents, or the horticulture department at VPI, Blacksburg.

Home gardeners may also be interested in "Vegetable Gardening in Virginia." This is VPI Circular 639 and has information on planting, organic matter, fertilizers and lime, watering, diseases and insects, a planting chart, and variety information.

CLASSIFIED

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Plans Revealed for U.S. Exhibit at 1960 Floriade

The "garden variety" American way of life will be demonstrated abroad for the first time. With the opening March 25th in Rotterdam of the U. S. Exhibition at the 1960 Floriade, an aspect of America has been revealed that is almost unknown to the people in other lands.

The international gardening event of the year, the Floriade, which can be considered an Olympics of horticulture, is expected to attract millions of visitors in a six-month run that ends September 25th. Nine nations are participating with the Netherlands as host. The Floriade international horticultural exhibition was conceived as a tribute from world horticulture to the tulip, which arrived in Holland from Turkey four hundred years ago.

The year 1960 is also the 100th anniversary of the Royal General Dutch Bulb Growers Society. Flowering bulbs are the second largest agricultural export of the Netherlands, second in value only to famous Dutch hams. The American exhibit is a major attraction.

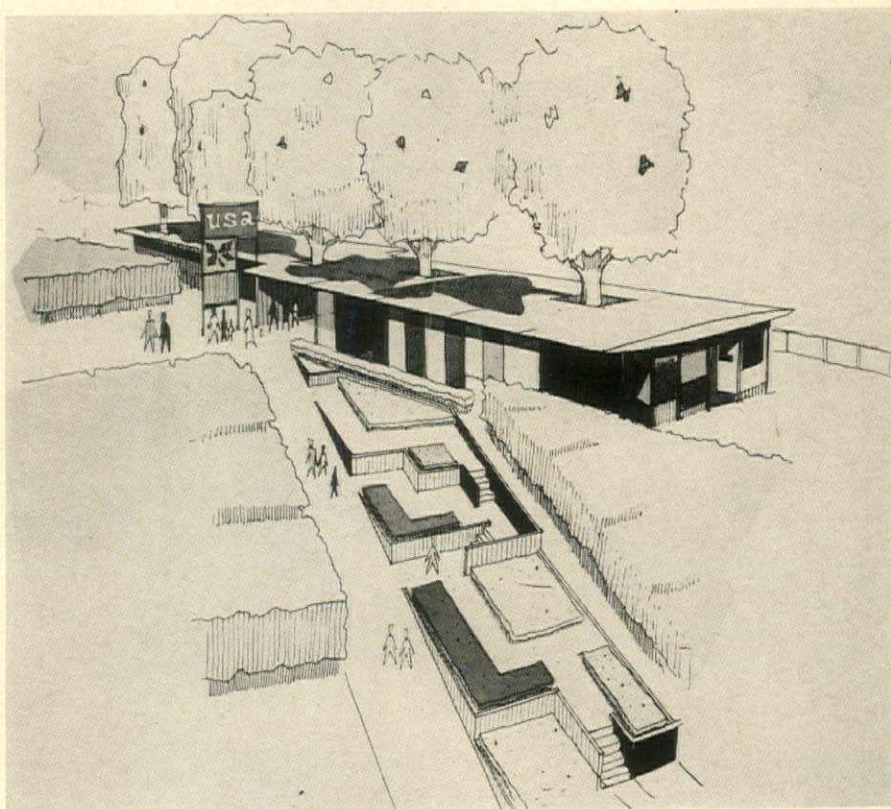
Americans Love Nature

According to Carl F. Wedell, Director General of the U.S. Exhibit Committee, the Floriade provides "a unique opportunity to show the world that Americans love flowers and trees just as much as other people." He stated, "We are demonstrating that we are not a technologically one-sided people, but one of the most active and advanced nations horticulturally."

Never before has the U.S. participated in a horticultural exposition abroad. Equally unusual is the fact that the Floriade American exhibit is the product of joint cooperation between our government and its citizens.

Co-sponsors of the U.S. display are the Foreign Agricultural Service of the U.S. Department of Agriculture and the American Horticultural Council. The Council, which has been working for nearly a year to obtain materials and organize the exhibits, is representing amateur, professional and commercial horticultural organizations of the nation, as well as private citizens interested in horticulture.

A Virginia woman, Mrs. Edward Alexander, of Newport News, is among the ten flower arrangers from the United States at the U. S. Exhibit, 1960 Floriade.



ENTRANCE TO U.S.A. FLORIAD PAVILION

The reason for trees growing through the roof of the exhibit Pavilion is that the Dutch established a rule at the Floriade prohibiting removal or destruction of existing trees in the Rotterdam Park area. The magnificent old Dutch trees have been utilized in the U. S. Exhibit area which has been designed by Walter Dorwin Teague Associates.

The City of Rotterdam has played a major role in the development of the exhibition. Rebuilt after its war-time destruction twenty years ago, Rotterdam today is one of the most modern cities in the world and a mecca for city planners. Its port is the largest in Europe, second only to New York in annual volume of shipping.

The City of Rotterdam provided 125 acres for Floriade, including more than 160,000 sq. ft. of indoor exhibition space.

Euromast

As the architectural symbol of the Floriade, the Euromast was erected by the Rotterdam business community. The Euromast, towering 370 feet above the Floriade grounds overlooking the busy port, is reminiscent in design of a lighthouse. The three restaurants at its top have appropriate nautical names and decor: Ship's Cabin, Crow's Nest and the Captain's Bar.

American Theme

Theme of the American display is how Americans really live: the kind

of home they have, their furnishings—and above all, their gardens. Also featured are a typical American garden supply shopping center, complete from chemicals and equipment to garden clothing. Emphasis is upon the middle-income American way of life today, rather than on a push-button Utopia available in the distant future.

In addition to huge areas of flowers, and plants, a sizeable exhibit of ornamental plants by Harvard University's Arnold Arboretum illustrates the role played by our arboreta and botanical gardens in America's horticultural life. Other "living" exhibits range from urban roof-top gardens by the Horticultural Society of New York to indoor gardens. One of the most unusual displays, by the Atomic Energy Commission, demonstrates how peaceful atomic research contributes to knowledge of plant functions.

Middle-Income Home

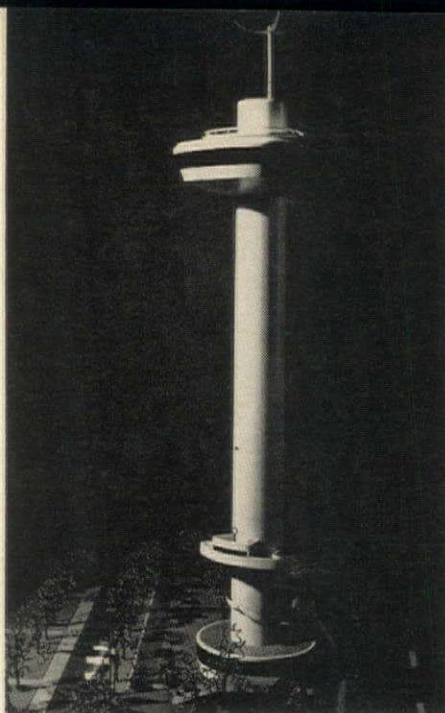
California redwood, supplied by the Simpson Redwood Company, Arcata, Calif., is featured throughout the U.S. exhibit since this wood is distinctively

American and little known in Europe. Also calculated to arouse foreign interest is the prefabricated Techbuilt, patio-type house and carport complete with a 1960 Ford Falcon. The interior is designed by Walter Dorwin Teague Associates in cooperation with American Home magazine.

The family garden is planted to bloom throughout the entire six month Floriade and landscaping will include evergreens, cherry and redwood trees.

Rose Garden and Greenhouse

The U.S. Exhibit includes a 5,000 sq. ft. fragrant garden of American-bred roses, assembled by all-America Rose Selections and the American Rose Society. Approximately 1500 rose plants in bloom represent 27 varieties including 1960 hits such as Hawaii, Lavender Princess, Malibu, and Royal Sunset. A prefabricated Lord and Burnham greenhouse, with tropical and subtropical plants and flowers, exemplifies the new, easily assembled greenhouses now available in plastic coverings to



The Euromast, rising 370 feet above the Floriade grounds, gives from its restaurant and observation decks a commanding view of all Rotterdam and the activities of the port.

American home gardeners. A planting by the African Violet Society is shown here.

A series of terraced gardens in blossom, beginning with tulips in March and culminating in a blaze of chrysanthemums in September, typifies the variety and scope of American horticulture. Dazzling masses of the famed Burpee marigolds will also be a highlight.

Educational and institutional displays by governmental and horticultural organizations will be featured in a special U.S. pavilion. These include the renowned Blue Star Highway System project by the National Council of State Garden Clubs; urban gardening by the New York Horticultural Society; murals of the formal gardens of Longwood Gardens and Colonial Williamsburg will be displayed; and others too numerous to mention here. The outstanding design of the U.S. Exhibit has been done by Walter Dorwin Teague Associates, New York.

FIRST INTERNATIONAL ARBOR DAY

When a sapling from the original Charter Oak of the state of Connecticut was planted at the U.S. Exhibition at the Floriade April 29, a bit of U.S. history was planted in Rotterdam.

The "Charter Oak" is rooted in the American tradition and symbolizes the love of freedom of the American colonists in their fight for independence. This sapling is a gift from Governor Abraham Ribicoff of Conn. to the U.S. Exhibit on behalf of the people of his state.

The "state tree" (White Oak, *Quercus Alba*), a giant of the forest was the hiding place for the Connecticut charter after British King James II demanded its return in 1687. The charter had been won from King Charles II by

the diplomacy of Governor John Winthrop, Jr., in 1662.

During debate with the Americans by British agent Sir Edmund Andros in Hartford, the state's capital city, the candle-lit room suddenly went dark. Moments later when the candles were re-lighted, the Charter was gone. Captain Joseph Wadsworth is credited with having removed and hidden the Charter in the majestic oak on the estate. A hunt by the King's armed forces failed to turn up the document.

The original Charter Oak fell during a great storm on August 2, 1856. However, the sapling planted in the first International Arbor Day ceremony at the U.S. Exhibition at Floriade, is descended from this great tree.

Other trees to be planted in the first International Arbor Day Ceremony include selected strains of typical native American trees, including: *Gledistia*—Moraine Locust; *Acer Saccharum*—Sugar Maple; *Liquidambar Styraciflua*—Sweet Gum; and *Acer Rubrum*—Red Maple.

A plaque to be erected at the site of the planting of the Arbor Day trees will read as follows: "Arbor Day friendship trees. A token of friendship from the people of the United States to their friends in the Netherlands on the occasion of the first international Arbor Day celebration, April 29, 1960, at the 1960 Floriade."



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NEWS COVERAGE 'ROUND THE CLOCK

THE ROANOKE TIMES

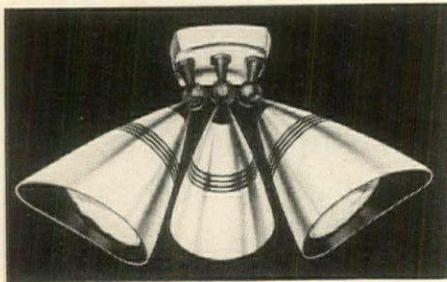
The Roanoke World-News

ROANOKE, VIRGINIA

News and Features for All the Family!

SPECIAL GARDEN PAGE

Every Sunday During the Season



A new die-cast aluminum decorative outdoor cluster light has recently been introduced by Stonco Electric to be used in wide area floodlighting. Fixtures are available in three contemporary styles and in exciting finishes including new satin, bronze, copper and brass epoxy metallic finishes that are virtually impervious to weather. All units are silicone sealed for complete protection and accommodate up to 300-watt reflector lamp. Prices and details available from **Stonco Electric Products**, Kenilworth, N. J.

Lily Show

The eighteenth annual lily show of the Garden Club of Virginia will be held Wednesday, June 22 and Thursday, June 23 at the Middleburg Community Center, Middleburg, Virginia in the vicinity of Washington, D. C. The sponsoring club is the Fauquier-Loudoun Garden Club assisted by the North American Lily Show and the American Horticultural Society.

This outstanding show is the only non-professional lily show in the United States; however, there will be international and national commercial grower exhibits.

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"Holland Formula" Bulb Food

This will be the first Spring home gardeners will have an opportunity to avail themselves of the new plant nutrient tailored to fit the feeding requirements of tulips, gladioli, dahlias, daffodils and flowers of this class.

Introduced in time for fall use late in 1959 and packaged in 3 pound cartons it is described as a "Holland formula" bulb food by the manufacturer.

It was formulated so as to supply the same balance of nutrients that the most successful Holland commercial bulb growers use when they feed their tulips, according to A. H. Bowers, agronomist.

"The bulb food departs from the popularly held notion that bulbs require a large quantity of phosphorous in proportion to other elements," he said.

"Instead the new product is high in potash rather than phosphorous," Bowers said.

The formulation was determined after research and study of the methods of the commercial growers of Holland to discover what balance of nutrients they have been using successfully through the years in growing high quality bulbs for export.

The product contains not only a balance of foods needed for flower formation and healthy foliage, but also one that holds an abundance of long-lasting, slowly-releasing, plant nutrients which will form large vigorous bulbs, corms and tubers," he said.

For best results this special food should be applied to the soil at the time of planting, and also it should be applied when the buds begin to show color. This has been found to produce healthier bulb growth for the next year.

Besides the bulb food there are rose food, evergreen food, azalea-camellia food, a new "lawn starter," a "golden" go-farther formula lawn food, and a variant of the lawn food which has soil insect killer added for control of ants, beetle grubs and wire worms, and the much discussed lighter weight, newly formulated "pink" Vigoro, which has been popular since 1925 as an all-round garden plant food.

Nation-wide distribution among garden stores and supermarkets is now in process by the manufacturers of Vigoro and related products.

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Sixteenth Peony Festival To Be Held in Van Wert

Van Wert, Ohio will be the mecca for flower fanciers and Festival followers June 10th and 11th this year when the American Peony Society will hold their fifty-fifth annual national exhibition and annual meeting and the Van Wert Peony Festival Association will hold the sixteenth Peony Festival.

The Peony exhibition will be held in conjunction with the annual Flower Show sponsored by the 7 Garden Clubs of the County, and entrants will be unlimited as to geographic location.

The 2-day calendar includes judging of Flowers on the 10th with the annual meeting of the American Peony Society held that evening at the new American Legion Home. Visitors will have an opportunity to visit the exhibition in the National Guard Armory and witness the afternoon and evening Festival parades. More than sixty bands and numerous floats add to make the colorful parades.

Flowers are entered in the national show from many states and Canada, in fact in many places are kept in cold storage for weeks prior to shipment for the occasion. A complete schedule may be secured from Catharine Pennell, 107½ W. Main, Van Wert, Ohio.

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VIRGINIA BUSINESS REVIEW

by

VERNE STEVENSON

The year 1959 proved a giant for many business and industrial firms in Virginia whose annual reports, now being released, are filled with dollar-mark superlatives.

Miller and Rhoads, for the fiscal year ending Jan. 30, 1960, reported the highest net income and greatest sales volume in its 75-year history.

Edwin Hyde, department store president, also announced plans to open a suburban store in Richmond by late 1960 or early 1961. The company now operates stores in Richmond, Roanoke and Lynchburg and Stevens-Shepherd men's stores in Charlottesville, Chapel Hill, N.C., and Durham, N.C.

Norfolk and Western Railway improved by practically every financial and traffic yardstick during 1959 despite the 116-day steel strike, President Stuart T. Saunders reported.

Figures for the fiscal year, combined

with those of the former Virginian Railway which was merged with the N & W last December, show that net income for the new system was fourth largest in the industry and "the highest earnings of any railroad operating primarily east of the Mississippi," he said.

Reynolds Metals Company also reported highest sales, net income and production in its history during 1959.

Among others reporting substantial gains: United Elastic Corporation, producers of elastic fabrics, rubber threads, cotton yarns and clothing with facilities at Stuart and Woolwine, Va., and Southern Materials Co., Inc., of Norfolk.

* * *

Virginia Electric and Power Co. (VEPCO) received the 1960 citation of the Bank of Virginia in its annual salute to Virginia industry last month.

The presentation—"for significant contributions to the economic progress of the commonwealth and to this part of the South"—was made in Richmond with Gov. J. Lindsay Almond and N. C. Gov. Luther Hodges as speakers.

Meanwhile VEPCO President A. H. McDowell Jr., announced the company has been issued a license by the Federal Power Commission to build a 200,000 kilowatt hydro-electric station on the Roanoke River near Gaston, N. C.

Construction of the 50 million dollar project will start immediately with date for completion set for spring of 1963.

VEPCO, which extends its service into North Carolina and West Virginia, has 840,000 customers. It marked its 50th anniversary last year and was the state's largest corporate taxpayer.

* * *

Among conventions, conferences and clinics held last month:

- The Virginia Bankers Association's annual conference of trust officers, Richmond.

- Two separate meetings by statewide oil groups—Virginia Oil Jobbers Association and Virginia Oilman's Association—Richmond.

- The Shen-Valley Meat Packers Inc. annual meeting of Stockholders, Broadway.

- Virginia Association Plumbing and Heating Contractor's annual convention, Old Point Comfort.

- Retailers attending a carpet marketing clinic, Glasgow.

* * *

The Board of Directors of Chesapeake and Potomac Telephone Company of Virginia has authorized an expenditure of more than \$8 million for expansion of service in its operating area.

The Board also announced that by the end of 1961 almost 75 per cent of all C & P customers will have Direct Distance Dialing, enabling them to dial most of their own long distance calls. •

Virginia Engineering Co. Inaugurates New Management Plan

Virginia Engineering Co., Inc., of Newport News, has inaugurated a new plan of management organization designed to provide greater teamwork and assure continuing growth in all operations of the company.

The new set-up, involving promotion of eight company officers, is a means of "assigning specific jobs to individuals by distributing logically and effectively the total work that must be done within the company," President A. M. Miller said.

Promotions, announced by Board Chairman Lloyd U. Noland Jr., are: L. Beirns Perrin Jr., executive vice president; Henry S. Read, vice presi-

dent in charge of building construction; Richard F. Krause, vice president in charge of highway construction; J. D. Peterson, manager of utilities construction; James T. White, vice president in

charge of estimating; Julius S. Fenigsohn, vice president in charge of finance; John E. Poindexter, director of procurement; and Allen S. Conn, secretary and assistant treasurer.

Left
to Right:

MILLER,

PERRIN,

READ



KRAUSE

PETERSON

WHITE

FENIGSOHN

POINDEXTER

CONN



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— P —

Parris & Young, Salem
A. L. Parris Company, Salem
Potomac Builders, Inc., Alexandria
Arthur Clement Prunier, Norfolk

— R —

Warren Rexrode, Oakton
John N. Ross, Charlottesville

— S —

Snow, Jr. & King, Inc., Norfolk
Snow, Jr. & King of the Peninsula, Inc., Norfolk
Southern Brick Contractors, Inc., Richmond
Springfield Fireproofing Corp., Springfield
William Frederick Stier, Jr., Norfolk
W. T. Stowe, Inc., Portsmouth

— T —

A. Lynn Thomas Co., Inc., Richmond
C. E. Thurston & Sons, Inc., Norfolk
Tidewater Fireproofing Co., Portsmouth
James E. Toler, Richmond
William E. Tucker, Richmond

— U —

Union Brick Const. Corp., Bayside
United Fireproofing Corp., Hampton
United Masonry, Inc., Alexandria

— V —

Virginia Fireproofing Corp., Springfield

— W —

Wilfred M. Walder, Jr., Richmond
C. W. Wallace Co., Exmore
James A. Wilson, Petersburg
Arthur Daniel Winfield, Lawrenceville



GEOGRAPHICAL

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Innamorato & Pavone Co.
Kilpatrick Construction Co.
Carroll L. Kilpatrick
Potomac Builders, Inc.
United Masonry, Inc.

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Arlington Brick Contractors, Inc.
Wallace B. Bowman
N. Litterio and Co., Inc.

ASHLAND

Coates and Coleman

BAYSIDE

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FREDERICKSBURG

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GROTTOES

Floyd Glenn

HAMPTON

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HOPEWELL

Craft Brick Co.
Fulcher Brick Construction Co.

JAMES CITY COUNTY

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KENBRIDGE

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SPRINGFIELD

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VINTON

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Millenium – With All Possible Speed

(Continued from page 5)

little Hindu."

Suddenly, following World War II, I was impressed by baleful warnings that the speed of communications (since the three flying-machines over the convent) had shrunk the relative size of the globe to less than the size of Virginia in the nineteenth century. When I first worked in Hollywood in the thirties, my secret ambition was to join the motion-picture moguls who journeyed in the highest style from Chicago to the Coast on the Super-Chief. Before I ever got around to achieving this goal, junior executives were being jetted from breakfast in New York to dinner in London, and overnight one of my dreams became as dated as going by Wells Fargo stage to Kansas City. Somewhat confused by all this sudden change, I was apprehensively ready for

anything when the pundits began to lecture me on the need for "One World" thinking.

It was not only backward but dangerous to be conditioned by regionalism in one's attitude. One must conceive globally. A literary journal which had previously devoted its pages to such subjects as "Trends in Novels on the American Scene," began impassioned tirades on America's need to solve the problems of India. Far from there being any little Hindu in the moonlight on the Ganges, the land swarmed with billions of victims of the defiance of Malthus' theory of population and of ignorance of American democracy. Instantly, these benighted and starving people must be inculcated with the principles which produced in America such leaders as "Boss" Tweed and Warren G. Harding,

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ALEXANDRIA, VIRGINIA

Jimmy Hoffa, Paul Butler and Hulan Jack. With a hand-book on our principles of democracy, and streams of dollars from the American tax-payer, the miserable population will be transformed into healthy, enlightened allies of the Free World. For it turns out that the One World is presently divided into two—all those we can buy and coddle into being on our side and all those the Soviets and/or the Chinese can woo or threaten or otherwise absorb into their sphere.

Since the innocent days of Sunday School when missionaries set out to help "the heathen Chinese," and from World War I propaganda through the Nazi atrocities of World War II, the Japs and the Huns were the villains of the world, and only yesterday the Russians were our allies, and to love their system was the mode of intellectual fashion. Now all is turned about and, along with erasing all conditioning of our regionalism, we must accept this new alignment of the division of our One World as the true enlightenment.

In those long ago studies we must supposedly disavow, there are repeated changes of shifting alliances, and a most advanced student of the cycles of history, Dr. Toynbee, recently pointed out that there is nothing necessarily stable about the current alliances. As technology changes Russia into one of the "haves," and as increasingly powerful China expands westward, Russia could become the natural enemy of China and the Western World could become Russia's natural ally. What then of the "Free World"? Would America repudiate as an ally the force which now, regarded as a menace, goads our government into trying to buy the friendship of peoples who despise us? It seems most unlikely that Americans, who value above all things their material comforts, would continue the "Free World" ideology when it ceased to be a necessary expedient.

We must regard the fact that the Roman Republic was several centuries growing into the might of the world's first empire, and that, despite its depletion by the Carthaginian wars, it endured as an empire five centuries more. We must regard also the fact that Rome, like America, did not seek the leadership of its known world but was forced by position into it. As Rome became dominant, the Greek city-states, which had warred amongst themselves, and various other Mediterranean autonomies, gradually became a generally Hellenic culture; and historically we view "Greece" as a culture rather than, as it was, a group of jealously independent, nation-

alistic principalities. I would venture to predict that the present Europe will likewise, in the perspective of history, be viewed as a common Western culture rather than as nationalistic autonomies, and that America will relate to that Western culture as Rome related to the Hellenic culture. This, needless to say, will be some generations in happening, and will depend in part on the intra-shifts in the non-Western world in relation to their parts and to us.

In trying to bring some perspective to what are our manifestly transitional times, it is well once again to regard Rome. In the seven or eight centuries of its power, when it ruled with more completeness than America aspires to, all the might of Rome could not transform the peoples under its sway. The Jews, Arabs and Egyptians are precisely as they were before the first procurator took office in Judea, and even in its own country the descendants of the Etruscans in Northern Italy are still a decidedly distinct and separate people from Southern Italians. The Christian faith, born at the apex of Roman power, thrived under persecution, sustained a continuity during the chaotic centuries after the Empire's collapse, and—a totally alien concept to the Roman religion—influenced the modern Western World when the Roman Empire had become in the people's minds only a subject for spectacular motion-pictures. Yet, America, with its own Civil War still unresolved, is going to do in a generation what Rome failed to achieve in centuries.

The rapidity of the technological advances, reducing the globe temporally, has induced in the Americans, not characterized by humility, a delusion that the mind and heart of man can be changed at the same rate. This gross conceit is even more dangerous than the currently despised regionalism in one's attitude. Because the messianic One Worlders claim that this change *must* happen, much in our country is measured on a standard as if the cataclysmic change had *already* happened.

Two plane-hops might take the body to, what we used to think of as, "Darkest Africa," but there are no similar hops for the mind of man. Though I reproach myself guiltily, I must confess that trivial news in a Virginia county interests me more than a crisis in African Colonialism, and the memories evoked by walking with my father past St. John's Church and the house of the Yankee spy are clearer in my thoughts than the current happenings in Inner Mongolia.

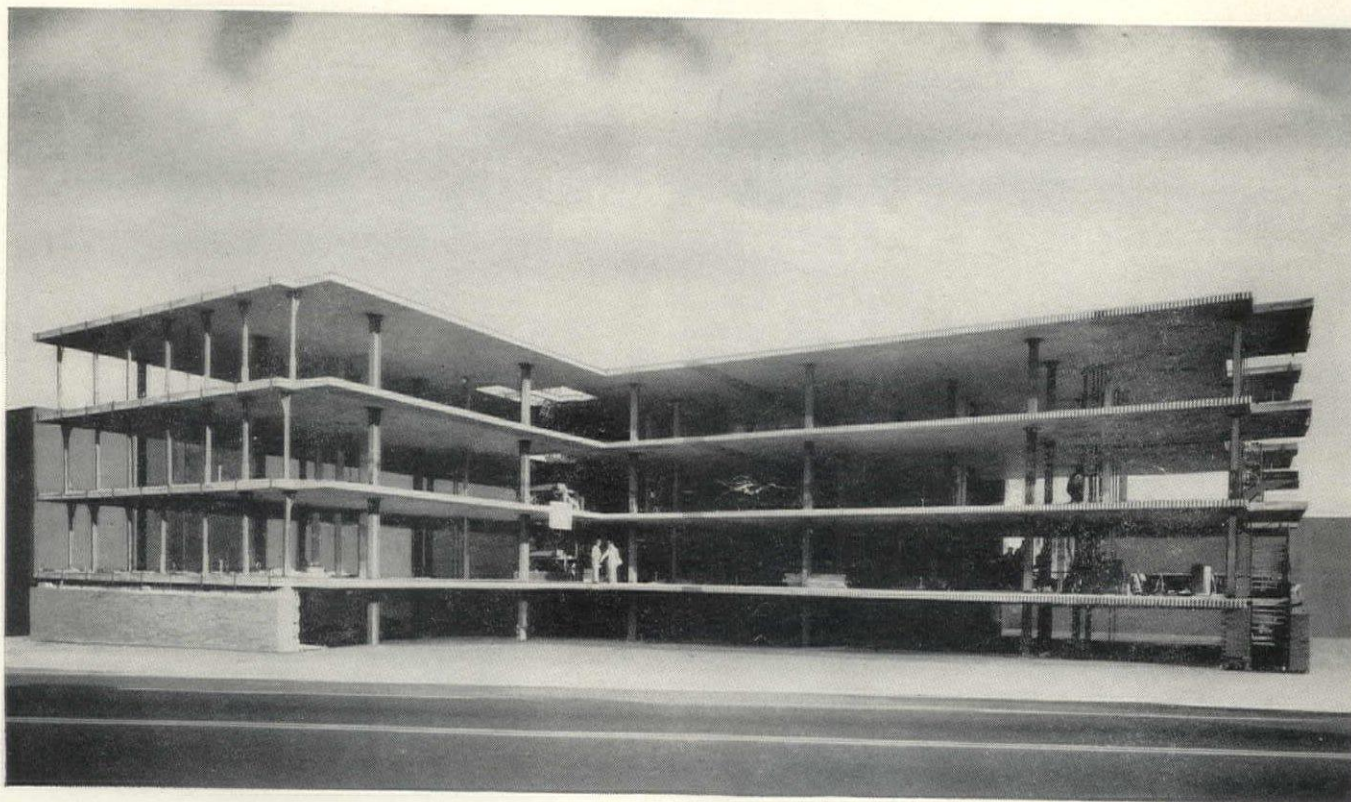
From conversations with educated

persons across all age brackets, I am convinced that my limitations are not unique; on the contrary, I suspect that the One Worlders have taken a flight of fancy in trying to bridge the gap between technological change and the change in mankind. But, since they assume this world-wide togetherness, and seek to force bewildered Americans to act on that assumption, our peculiar problems with the Negro in the South have been aggravated and distorted by an effort to apply the techniques of jet-propulsion to matters of the human heart.

What the Negro really wants is amalgamation of the races, the end of the Negro as a separate race, at least in America. School-integration, sitdown strikes over lunch-counter service, and whatever is next on the NAACP timetable, these are merely expedient tactics for encroaching an inch at a time in a long-range strategy. Not even a Toynbee could predict, on the basis of past cycles, the ultimate future of the races in America. But no Toynbee is needed to recognize that the NAACP time-table is ignoring the lag between the mortal man—pre-occupied with earning a living to support his family, educate his children and pay his taxes—and the speed-up in technologically inspired World Brotherhood.

The world may have shrunk, in terms of communication, to the size of Virginia, but it is not only Virginians who have not yet adjusted themselves to the change. In fact, some of our most outspoken critics seem to be existing in some never-never land where they have cut themselves off from the realities produced by time and circumstance in this specific period and are yet some centuries away from the millenium of which they presume themselves to be the precursors. Whatever the nature of the future times, we would all be helped by facing our present problems by an awareness of all the forces that created the present day as it is given us to know it. And no individual and no peoples' past, with all the formative factors, has ever been erased on demand. We are inescapably products of our time on the earth as we have known it, however it has shrunk geo-politically, and the best that could happen would be for some of the egos of the distant pundits to shrink a little too.

Clifford Dowd



*Heart of Richmond Motel, Richmond, Va.
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