

FIFTY  
CENT

MRS. CHRISTINE WAYLAND, EXEC.  
VA. CHAPTER, AIA  
1 NORTH 6TH ST.  
RICHMOND, VA. R  
SECY

# Virginia RECORD

MAY  
1958

AN INDEPENDENT  
PUBLICATION

FOUNDED 1878



In this issue:

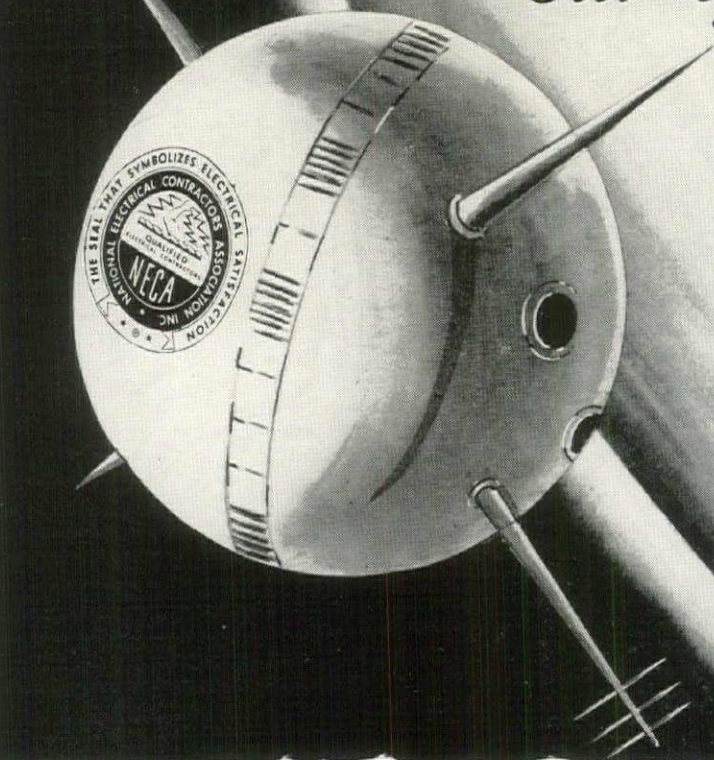
**The State Police Story**  
**Historic Fort Monroe**

Also Presenting

THE  
*Virginia*  
ARCHITECT  
SECTION



# Out of this world...



Rockets blast off, and the first earth satellite arcs away into its outer space orbit. Does it carry the NECA seal? Not really... but it does carry the touch of electrical contracting genius that only NECA members can provide. Most of today's electrical jobs are far less fantastic than the satellite program... but each still requires the experience and knowledge of a qualified NECA member—to assure its being the best on the face of the earth!

## THESE ARE YOUR QUALIFIED NECA MEMBERS IN VIRGINIA...



**VIRGINIA CHAPTER  
NATIONAL ELECTRICAL  
CONTRACTORS ASSOCIATION**

**ALEXANDRIA**  
Zimmerman Electric Co.

**BRISTOL**  
Henley & Gillespie

**CHARLOTTESVILLE**  
Godwin Electric Co., Inc.

**HAMPTON**  
Peninsula Electric Co.  
Swing & Price Electric Co.

**LEXINGTON**  
Shenandoah Electric Co.

**LYNCHBURG**  
Lipscomb Electric Co.

**NEWPORT NEWS**  
Bryan Electric Co.  
Enterprise Electric Co.  
Lightfoot Electric Co.  
Norris Electric Co.  
Perry Electric Co.

**NORFOLK**  
Alston, Inc.  
Austin Electric Co.  
Bonney Electric Co.  
W. T. Byrnes Electric Co.  
E. C. Ernst, Inc.  
W. L. Gardner Electric Co.  
E. G. Middleton, Inc.  
Miller Electric Co.  
Old Dominion Electric Co.  
Shirk Electric Co.  
W. R. Spear Electric Co.  
Todd Electric Co.  
Tuck & Kendall, Inc.  
Virginia-Carolina Electrical Works, Inc.

**ORANGE**  
W. A. Sherman Co.

**PORTSMOUTH**  
Portsmouth Electric Co.

**RICHMOND**  
Chewning & Wilmer, Inc.

**W. A. Christian Electric Co.**  
E. C. Ernst, Inc.  
Morris Hunter, Inc.  
Schermerhorn Electric Co.  
Union Electric Co.

**ROANOKE**  
J. M. Blair Co.  
Cross Electric Co.  
Davis H. Elliott, Inc.  
B. C. Hartman Co.  
Kyle Farmer Electric Co.  
Johnston-Vest Electric Corp.  
Muddiman Electric Co.  
J. M. Murphy Co., Inc.  
Richardson-Wayland Electrical Corp.  
Clayton G. Tinnell Electric Co.

**WARWICK**  
Savage Electric Co.

**WILLIAMSBURG**  
Southern Electric Co.





# TRUCK FLEET

## EFFICIENT REASONS WHY...

### You can depend on SOUTHERN MATERIALS

Pictured above are a few of Southern Materials modern fleet of radio-dispatched ready-mixed concrete trucks. These well-maintained vehicles that proudly bear the big red SM are always ready to serve you. Whether you need a single load at a certain time, or many loads delivered at fixed intervals, you can depend on SM to supply your concrete needs on time. Top quality and uniformity is always maintained because concrete is precision-batched under the supervision of experienced materials engineers at SM's specially-designed, modern plant. That is why most of the better builders depend on Southern Materials.



#### READY-MIXED CONCRETE

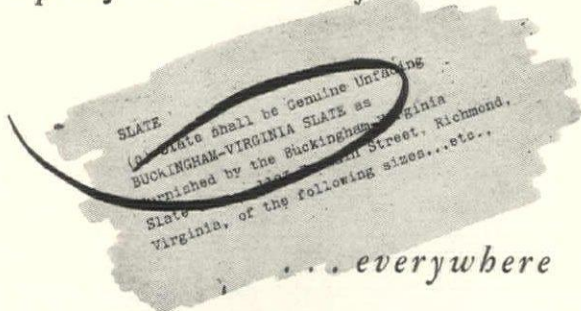
- SAND
- GRAVEL
- SLAG
- SOLITE



## SOUTHERN Materials Co., Inc.

Helping Virginia Build Better . . . From Border to Border

### Specified with confidence



... everywhere

### Reasons Why Architects Specify Buckingham Slate

Protection from the elements for the life of the building.  
Natural beauty and lustre that will not fade.  
No costly repairs.  
No ultimate replacement.  
Higher resale advantages.  
Higher salvage value.  
Can be matched after any length of time.  
Fire protection.  
Insurance and loan advantages.  
Lowest average absorption of any slate in America.  
Highest resistance to acids of any slate in America.

### Reasons Why You Should Employ An Architect

A building with its infinite variety of modern facilities and its claim for beauty needs the Architect.

The Architect has expert knowledge of building materials and construction methods.

A building is a better investment if well planned and attractive in appearance.

From start to finish of a building operation the Architect is the owner's professional adviser and representative.

The owner needs the supervision of an expert unbiased by commercial considerations to pass on materials and workmanship.

Fair competitive bidding depends on complete plans and specifications drawn by an Architect.

Architectural services are a small fraction of the total cost of a building.

## Buckingham-Virginia Slate Corp.

1103 E. MAIN ST.

RICHMOND, VIRGINIA



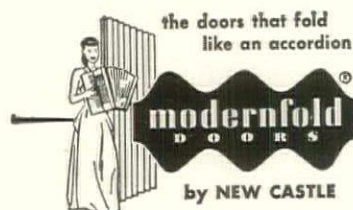
*In Highest Regard—*

**“Kelly for Stone and Brickwork”**

**John B. Kelly, Inc. of Pennsylvania**

1720 Cherry Street  
PHILADELPHIA 3, PENNA.

## **BUILDING SPECIALTIES, INC.**



SPACEMASTER  
DOORS

FIBERGLAS INSULATION  
FLOOR TILE

ALUMINUM WINDOWS  
ALL TYPES WALL TILE

THOROSEAL QUICKSEAL WATERPLUG

MOULDED ONE PIECE SHOWER STALLS, TUBS AND VANITY TOPS

DIAL 3-2070

CHARLOTTESVILLE, VIRGINIA

**new structural possibilities in precast, prestressed concrete**

DOUBLE TEE PANELS  
FLOOR LOAD TO 50' SPAN  
ROOF LOAD TO 60' SPAN  
DEPTH OF SECTION 15 $\frac{5}{8}$ "

COLUMNS  
BEAMS  
JOIST  
FASCIA

*Our engineers will promptly answer your inquiries.*

**Concrete Structures, Inc.**

P. O. BOX 1262, RICHMOND, VIRGINIA, MI 4-1971





Published Monthly At The State Capital  
By Virginia Publishers Wing, Inc.

EDITORIAL OFFICES: 303 West Main Street  
Phones MI 4-6717 — MI 4-2722

CLIFFORD DOWDEY  
Editor

ROSEWELL PAGE, JR.  
Business Editor

JULIA GWIN AULT  
Associate Editor

DONNA Y. LAURINO  
Executive Editor

FRANCES GORDON  
Managing Editor

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

Copyright 1958 By VIRGINIA RECORD

"Second Class Mail Privileges Authorized at Richmond, Va."

SUBSCRIPTION PER YEAR \$4; TWO YEARS \$7

Please address all mail to: P. O. Drawer 2-Y, Richmond 5, Va.

VIRGINIA RECORD is an independent publication cooperating with all organizations that have for their objectives the welfare and development of Virginia. While this publication carries authoritative articles and features on statewide and local industrial, business, governmental and civic organizations, they are in no other respect responsible for the contents hereof.

VOLUME LXXX

MAY 1958

NUMBER FIVE

## Historic Fort Monroe

THE MAN who revolutionized warfare is totally unknown to history; in fact, he made his invention before recorded history. He invented a wooden spear.

This was the first weapon that could be projected at an enemy. From this projectile to the atom bomb, every new weapon was merely a technological extension of the basic principle of striking an enemy at a greater distance and with greater force than he could strike you. The arrow flew farther than the spear, the bullet farther than the arrow; with dynamite, high explosives struck more destructively than the largest bullet (cannonball) and the new bombs spread destruction on a scale still vaster.

As the weapons changed, new methods were introduced to give the weapon-throwers mobility and range. Genghis Khan conquered his part of the earth by introducing mounted weapon-men, cavalry, and England once dominated a large part of the globe by the perfection of its warships that followed the sea lanes. In our century, the land and seas were spanned by a machine that flew, transporting men and weapons through the air, and now comes a weapon that itself flies through the air, spanning continents.

Yet, the basic principle remains unchanged. After hurling the deadliest weapons, the attackers must seize, hold, and occupy the ground. On this principle, defenders have always sought to fortify themselves on their own ground. From the days of one family's cave to the times of a war-lord's moated castle and a community's walled city, efforts have been made at some version of the fort.

Today, when the conquest of space gives weapons a new mobility, with more wide-spread destructiveness, the concept of fort expands to embrace an entire continent. But, though the defense of the continental fort has a complexity expressive of the times, the principle is still to provide a citadel in which the defenders may be sustained with the necessities of life—food, water, shelter, medical care—in order to repel an invader from their soil.

It is little known in the state, or outside it, that Virginia has in Fort Monroe the only fort in the country in which every stage of the development of war has been represented from 1609 to 1958—from bows and arrows to the inter-continental missile, from a rude stockade to the complex modern version of a walled city, a continent.

The oldest fort or garrison in continuous operation in the United States (1823), on the site of the first fortification of English-speaking people on this continent (Fort Algernourne, 1609), today Fort Monroe is the headquarters of the Continental Army of the U. S.—the Army's Combat Development Experimentation Center. This is the major army headquarters outside the Pentagon, and the "brains" are so high-level that generals are more commonplace than colonels and private soldiers are a rarity.

In modern warfare, continental defense is inter-related with far-reaching offense in one single concept of inter-continental war. At Fort Monroe, the

(Please turn the page)

## CONTENTS

Historic Fort Monroe.....	5
by Clifford Dowdey	
The State Police Story.....	9
The Virginia Architect Section.....	15
Building Costs Survey—Part II.....	15
New State Office Building.....	16
U.D.C. Headquarters Building.....	19
Linkhorn Park Elementary School.....	24
Spring AIA Meeting.....	27
Peoples Trust Bank, Exmore.....	28
Beth Sholom Home of Virginia.....	35
Harrisonburg Elementary School.....	41
Virginia Business Review.....	47
by Rosewell Page	

## COVER NOTE

Fort Monroe, on the site of the first fortified position of English-speaking people on the continent (1607), is the oldest fortified garrison in continuous use in the United States and currently, as headquarters for the Continental Army, is second in importance only to the Pentagon as a military establishment. Its walls contain the casemate in which Jefferson Davis was imprisoned after the fall of the Confederacy.



For the Finest —

**MARTINSVILLE  
BLOCK  
COMPANY**

PHONE ME 2-4448

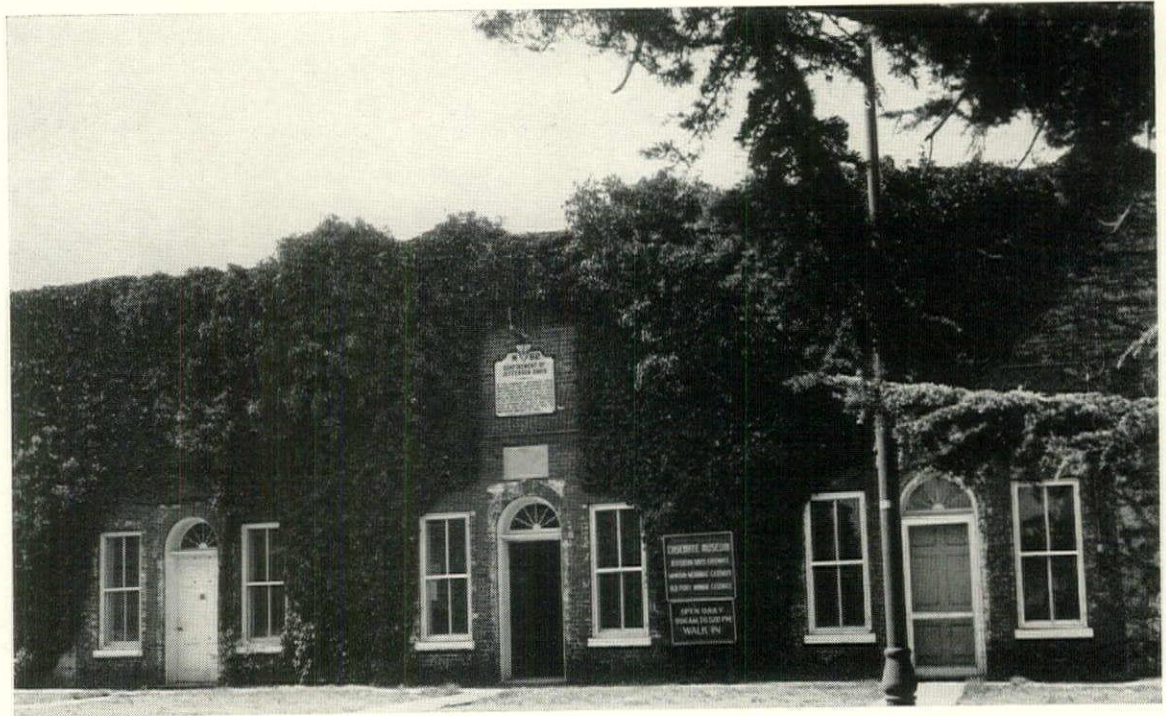
Martinsville, Virginia





by  
CLIFFORD  
DOWDEY

CASEMATE  
MUSEUM



scientists of war are not involved directly with global strategy, but all of their experiments with plans and weapons are related to the total operation of the tri-service system (army, navy, airforce).

For any one who has viewed on TV an imaginary scene of our defense against inter-continental missiles, the complexities of strategy designed at Fort Monroe will come as some surprise. On TV, a cool operator in a glass-enclosed room talks in a laconic voice into his mike, "Oscar, 2 over,"

buttons are pressed from Canada to Mexico and, *voila*, the missile vanishes.

Oddly enough, it is this button-pushing notion of offense and defense that is old-fashioned, as well as quite unrealistic, and brings a wan smile to the officers at Fort Monroe. For, even if battles are fought simultaneously in Siberia and Detroit—and even on the moon—and missiles sail through the air like autumn leaves, the ultimate test of seizing and holding ground will be decided by men with weapons in their hands *on the ground*.

While weapon-bearing men will probably themselves be whisked through space in some contrivance out of a bad dream, they will still be following the basic principle of Genghis Khan as stated by a later-day cavalry leader, the Confederacy's Nathan Bedford Forrest: "Get there first with the most men." Rockets are faster than horses, and fission-bombs more destructive than lead bullets, but when each side possesses the same weapons and the same means of mobility, it is only the styles that have changed and not the principle.

At Fort Monroe, the military architects of our future security say that their surroundings are very helpful in maintaining an awareness of the basic principle, for certainly no site in the United States could serve as such a constant reminder of the continuity of the changeless principles of warfare through all the changing styles. In fact, the interweaving line of Fort Monroe in the country's history of warfare is almost incredible. At every phase of the changing methods, the site of America's first fort against Indians has represented not only the typical warfare of the times but *the most advanced*. The fort's history, indeed, is a history of the evolution of modern war.

The site of the fort's crude precursor, Fort Algernonne, was selected as an outpost for Jamestown with a view of



QUARTERS No. 1,  
CONSTRUCTED IN 1819





Photos,  
Courtesy Fort Monroe  
Casement Museum

PAINTING BY  
JACK CLIFTON,  
SHOWING DAVIS IN  
PRISON (U.S. ARMY  
PHOTOGRAPH)

commanding the water approaches that led into the struggling colony. On the tip of the Peninsula, the site is on a projecting spit of land on Hampton Roads, looking out to the Bay and across the Roads to the Norfolk area. In the beginning days, the Mother Country was on unfriendly relations with Spain, its New World rival, and later with the French and the Dutch, and the purpose of the fort was to repel enemy warships before invading troops could make a landing. In the logic of traditional warfare, the enemy was to be repelled at the border.

Seven guns were mounted at the fort, served by fifty men, who also acted as garrison troops against Indian attacks. Because Jamestown and Williamsburg were the capitals of the Colony (and Jamestown, of course, the first settlement), history has somewhat neglected the fine plantations and thriving community that flourished in the early days at the lower end of the Peninsula, where Hampton grew into one of the most charming small cities in the East.

In the 150 years after Fort Algernonne's construction, the garrison continued in various stages of neglect, and at the time of the Revolution the fort served no purpose against the British. Recognizing the importance of the site, the Americans planned a more

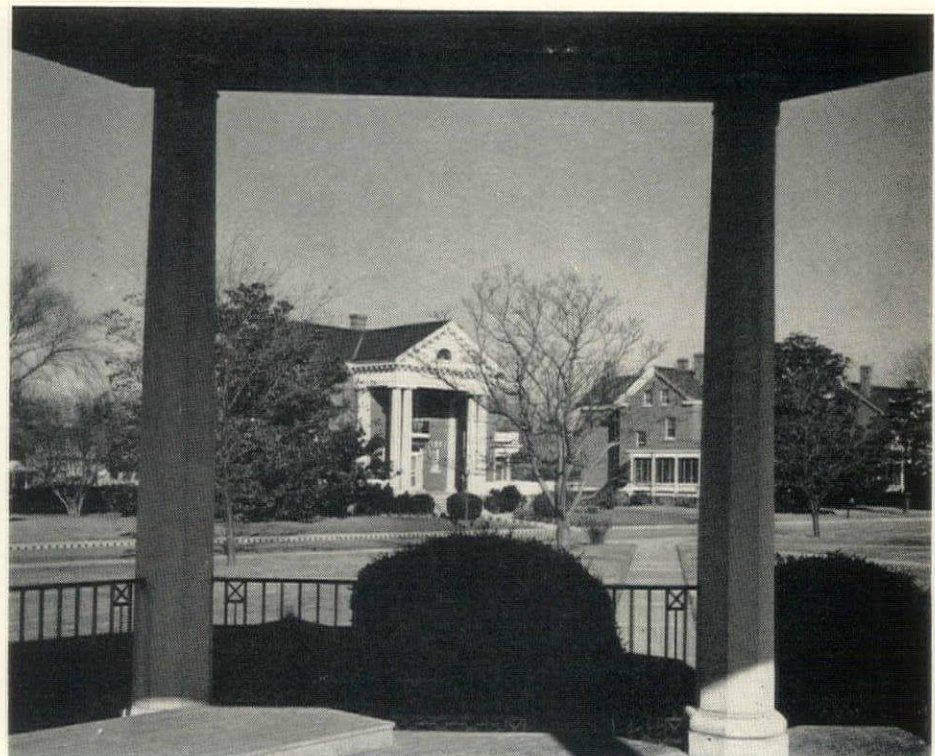
formidable and elaborate fort to guard the entrance into the tidewater areas of the state that was then one of the most powerful in the newly formed union. With a praiseworthy dismissal of political considerations, Secretary of War Monroe went to the greatest war school of the day and selected Napoleon's chief engineer, Simon Bernard, to design an impregnable fort.

General Bernard began construction in 1819, and by 1823 the work was sufficiently advanced for the first gar-

rison to move in. An early soldier there was a sergeant-major under the alias of Perry, and one of the first romantic associations of Fort Monroe was the tour of duty spent behind its ramparts by Edgar Allan Poe. From the fort, the young poet wrote some of his most piteous letters to his harsh foster-father, John Allan; twenty years later, world-famous Poe, America's first professional writer, returned to the site to read *The Raven* to an au-

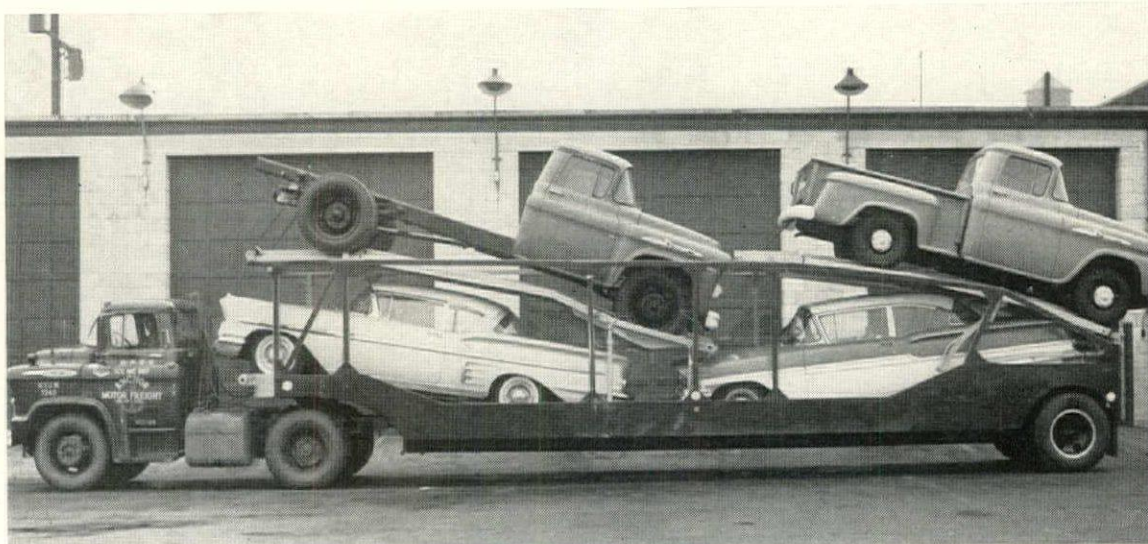
(Continued on page 57)

COMMANDING  
GENERAL'S  
QUARTERS





*We Are Proud to Help in Making Virginia Highways Safer*



## ANCHOR MOTOR FREIGHT LINES

Incorporated of Delaware

ASHLAND, VIRGINIA  
Swift 8-7810

WILMINGTON, DELAWARE  
Wyman 4-4428

NORWOOD, OHIO  
Melrose 1-0770

BALTIMORE, MARYLAND  
Orleans 5-2766

L. T. MONKS, *Vice President*  
We Deliver General Motors Products

## WILLETT BROS. TRANSPORTATION



315 Carver Avenue, N.E.

Phone Diamond 3-9324

ROANOKE, VIRGINIA





*Portraits of state policemen who died in the line of duty are unveiled at a special ceremony.*

## The State Police Story

**B**ACK in 1932, when the breadlines were at their longest and good men were seeking work of any kind, the Virginia State Police, then a part of the Division of Motor Vehicles, announced an authorized increase in personnel which would bring the strength of the force from 75 to 100 troopers. The salary was to be \$85 a month.

The selection and training procedure called for the screening of applications and selection of the 100 most likely candidates who would attend a six-weeks' training course without salary or travel expenses. From this group would come the successful 25. There were 5,000 applications filed for these positions.

One of the successful 25 was the present superintendent, Col. C. W. Woodson, Jr., and six others who are still with the Department.

That year was an important milestone in departmental history, for then the powers of the state police were broadened, a practical system of training was established and strict entrance requirements as to physique, education and character were adopted. The Department was also placed in a semi-military status for operation.

Today, we think of state police organizations almost wholly in connection with the enforcement of traffic laws. This was far from true in the beginning, for the forerunners of the modern state trooper go back to the Texas Ranger of 1835 and the Northwest Mounted Police Constable of 1873. American state police had their beginnings some time before 1905 but this year marked the establishment of the first state police department which could truly be called such and which was instituted by the Governor of

Pennsylvania.

Briefly, state police were recruited to provide an enforcement arm for the state, to assist in handling disturbed conditions or outbreaks of lawlessness which were too much for normal complements of local officers and to help provide protection for isolated areas without adequate law enforcement. The Pennsylvania State Police, recruited largely from army veterans, was doubtless expected to provide a mobile, well-trained unit prepared to move quickly into the coal fields or any other areas when labor disturbances occurred.

In 1922, the Virginia State Police saw their rather modest inception when eight "inspectors" were employed by the Secretary of the Commonwealth to concern themselves almost entirely with license plates, titles and stolen cars. The police power entrusted in them was illy defined and road conditions prohibited their operating in an efficient manner during winter months. When the Division of Motor Vehicles was formed in 1924, they were transferred to that department of state government.

In the banner year of 1932, they were classified as State Police and empowered by the General Assembly with authority to enforce all Virginia criminal laws and, in 1942, were separated from the Division of Motor Vehicles as an entity of the state government with the Superintendent reporting directly to the Governor. Today, there is an authorized uniformed strength of 600 with a large staff of civilians performing non-police duties. Thirty additional police positions are authorized for each year of the forthcoming biennium.

Command structure begins with Colonel Woodson, under whom is an executive officer with the rank of major and an inspector who commands the field forces. For each of the five geographic divisions in the state, there is a division captain assisted by a headquarters lieutenant, a headquarters sergeant, a field lieutenant and field sergeants who supervise the various area breakdowns.

The staff officers at administrative headquarters consist of captains heading Personnel and Training, Investigation and Records, Safety, and Property and Finance functions. A lieutenant heads the Communications Division.

Equipment is complete and modern. Since 1939, all patrol cars have been equipped with two-way radios and the Department's radio hookup covers not only Department members but 42 other coordinating police agencies. The teletype system, established in 1940, covers the Division of Motor Vehicles and 53 local police departments and has connections with other states.

Several airplanes are employed and their use is mainly for traffic checks, quick transportation, manhunts and similar activities. Pilots are police personnel who fly on a voluntary basis and who must have at least a private pilot's license as issued by the Civil Aeronautics Authority.

Perhaps the best insight into the type of man representing the Department can be gained through following a recruit through the various steps to becoming a trooper.

Minimum physical qualifications for consideration are age 21 to 29; maximum and minimum heights of 6 feet 4 inches, and 5 feet 10 inches; maxi-





1



2



3



4



5



6

1. Aid to tourists is part of the trooper's work. 2. Three newly-graduated troopers chat with Colonel Woodson. In addition to his police diploma, each is a graduate of an accredited civilian college. 3. Part of the State Police "Air Arm." 4. A trooper inspects the "whammy" or radar speed detection device. 5. Captain Soon Young Hahn of the Korean National Police inspects a training film during a visit to Headquarters. 6. "They didn't treat me right." A car owner makes an official complaint concerning the motor vehicle inspection program. (All photos, courtesy Governor's Highway Safety Committee.)



mum and minimum weights of 220 and 160 pounds (weight and height must be proportional); good health; visual acuity of 20/40 or better, uncorrected, in each eye; willingness to serve anywhere in Virginia; competence in operating a motor vehicle and a high school education. In the last requirement, the only exceptions to a standard diploma are education equivalence tests conducted by the armed forces and the State Department of Education.

Applicants indicating they can meet these qualifications are invited to undergo a series of written adaptation tests and, if successful in these, a physical examination. At this point, the prospect is subjected to a thorough and searching character investigation which covers his entire life. Neighbors, school officials, employers and many other people having knowledge of him are interviewed. To survive such a searching inquiry does not necessarily indicate competence or reliability. Much emphasis must be placed upon temperament in dealing with the motoring public which too often does not consider a traffic violation a crime and which includes many people who have never been arrested before. A trooper must further be a man who can make an intelligent split-second decision which might be contested even to the Supreme Court of the United States. Thus, many applicants are not felt able to qualify simply because their records indicate unsuitability for becoming a police officer, although other qualifications might appear excellent.

If the investigation proves satisfactory, an applicant is interviewed as a last step before employment. Once employed, he is sent to work immediately in the status of cadet trooper and is paired with an experienced man in the field.

There are several reasons for doing this rather than sending him immediately to basic training school. Schools are held twice annually and there could be several months between the time of employment and convention of the next school. Thus, the intermediate time is better spent in learning the fundamentals of police work rather than profitless waiting. The cadet never operates alone. However, under direction of an experienced trooper, he assists in making arrests and with investigation of crashes.

Probably the greatest advantage of this procedure lies in the opportunity

afforded members as well as supervisory officers to check his adaptability and temperament under pressure. Consequently, some who prove unsuited to the work can be released to spare the state the expense of further training and leave an opening for a better suited man when basic training classes convene.

This basic training course now consists of 15 weeks during which 86 subjects are taught. They range from various one-and two-hour courses to the 40 hours spent on the Motor Vehicle Code and the 52 spent on firearms training. A cadet must become familiar with all types of weapons and tear gas equipment.

Apart from the various subjects taught which one naturally would expect in such a curriculum, the cadet is taught atomic radiation, psychology, public relations, public speaking, water

safety and the geography of Virginia. He must witness an autopsy in connection with his first aid course and he must learn touch-typing for clearness and speed in the reports he must file. Several experiences in maternity emergency cases have led to basic instruction in obstetrics.

Public speaking is not only an aid to his testifying in court but polishes his speech for any meeting with the public and for the various safety talks he will be called upon to make. Good public relations are important, as his arrests of traffic violators can engender resentment and because they are a part of the high standards maintained by the Department. It is perhaps something of a record that commendations by people arrested outnumber complaints.

Upon graduation, he becomes a trooper and is assigned to one of the



*With Prince Phillip and Governor and Mrs. Stanley, Britain's Queen takes the salute from a State Police honor guard.*



five field divisions, but his formal education is far from over. He must return once a year for a week's retraining to keep abreast of new developments in the field of law enforcement. He must qualify four times a year on the firearms ranges and may be selected to attend courses offered on fellowships or appointments by the Harvard School of Legal Medicine, the Federal Bureau of Investigation, the Northwestern University Traffic Institute and other institutions of learning. There are no specialists, as such, in the Department—each man is constantly trained to immediately handle

any phase of police work encountered in the performance of his duty.

Assignment to the various duty posts is very largely determined by traffic flow and crash frequency. The new trooper normally is not assigned to his home county, since experience has taught that such assignment is not in the best interests of the member or the Department. He is allowed, upon graduation, to make three choices of duty posts and his selections are followed as far as possible and practical. He may be considered for subsequent transfer, if requested, as vacancies arise.

The Virginia State Police do not



(Foster photo)

MAJOR W. C. THOMAS  
Executive Officer  
Virginia State Police

IN THE

*Homestead*  
*Manner*

*The Homestead way of doing things comes from a century of practice in serving America's first families at this charming resort and spa, high in the beautiful Virginia Alleghanies. Come for the sports, the social life, the relaxation—all distinctively in the Homestead manner.*

*Open all year—reservations required*

*The*  
**HOMESTEAD**  
VIRGINIA HOT SPRINGS

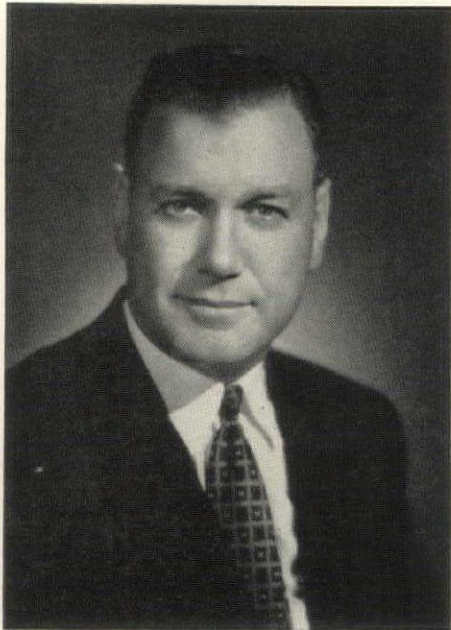
use the "barracks system" employed by many other similar organizations. This practice, extending sometimes even to a prohibition against marriage, probably arose from the necessity for quick assembly. Today, it is felt that modern means of communications and motor vehicle transportation obviate the necessity for this system.

The departmental policy in this connection is that a trooper integrate himself with his community and become a part of it, living, when police work permits, a normal family life. It is not uncommon to find a trooper serving as a church official, a scoutmaster, an officer in a civic organization or in other similar capacities. Some members participate in military or naval reserve programs. The trooper learns quickly that, in the eyes of his community, *he* is the Department.

Immediately upon employment, a cadet trooper goes on the payroll at \$4128 a year and is in line for yearly merit increases. After five years of satisfactory service, at the present pay scale, his salary will have been increased by steps to \$5160. He is issued uniforms and equipment, and is reimbursed for certain travel expenses. After graduation from basic training school, he is usually assigned a patrol car.

The way to promotion is open as vacancies occur. After two years, a trooper can take the eligibility exams which are one of the many important factors in determining fitness for promotion to another grade. The Department is proud that every supervisory officer, including the Superintendent, started as a trooper and progressed up the ladder. It is further proud that they progressed on their own merits without favoritism.





COLONEL C. W. WOODSON, JR.  
Superintendent  
Virginia State Police

Should he possess the desire and the necessary aptitude, he may be transferred to duty as plain-clothes Investigator.

Confusion too often exists in the public mind as to exactly what a state trooper represents. The term, "trooper" is taken from the name given a

private soldier in a British cavalry regiment. When the trooper is promoted to sergeant, he is no longer addressed as "trooper" as an individual, however, when spoken of as a group all members are "Virginia State Police." Yet certain state police personnel are often referred to, even by the press, as "trooper sergeants" or "trooper lieutenants."

Some years ago, Sir William Gilbert wrote the familiar lines, "A policeman's lot is not a happy one" and, to be sure, there are many phases which do not appeal to the average person. This is apparently true to the extent that a man must really have a marked aptitude for police work and be dedicated to it to make a good officer. Hours are long, the pay is low when compared to that of other positions and holidays and weekends are always busy working days.

It is absolutely necessary that the trooper's private life be above reproach and this does not mean that he simply must live within the law. He must avoid the appearance of evil and respect, to a certain extent, the prejudices and opinions of various segments of the public. A trooper off duty stands out like the proverbial sore thumb when he does something that would go

(Continued on page 62)

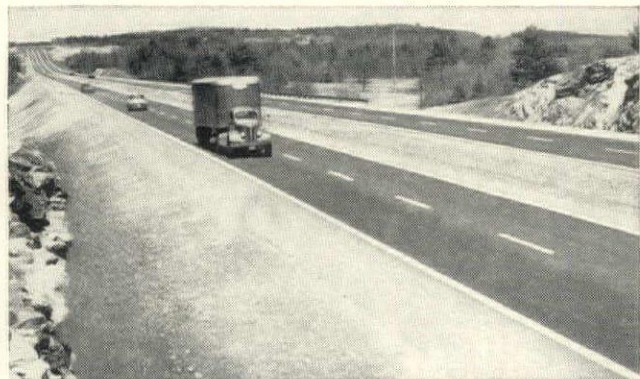
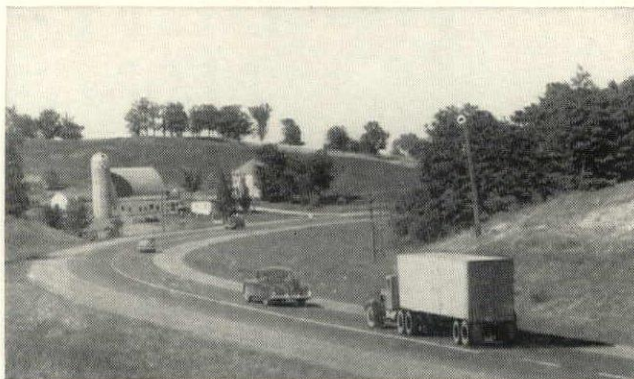
## DEPARTMENT OF STATE POLICE TROOPER'S PLEDGE

Humbly recognizing the responsibilities entrusted to me as a member of the Department of State Police, an organization dedicated to the preservation of human life and property, I pledge myself to perform my duties honestly and faithfully to the best of my ability and without fear, favor or prejudice.

I shall aid those in danger or distress, and shall strive always to make my State and Country a safer place in which to live. I shall wage unceasing war against crime in all its forms, and shall consider no sacrifice too great in the performance of my duty.

I shall obey the laws of the United States of America and of the Commonwealth of Virginia, and shall support and defend their constitutions against all enemies whomsoever, foreign and domestic. I shall always be loyal to, and uphold the honor of, my organization, my State, and my Country.

# Get more and better local roads with the savings from Asphalt-paved Interstate Highways



Highways paved the modern heavy-duty Asphalt way cost \$11,768 to \$92,628\* less per mile to build.

See that *your* Interstate Highways are Asphalt-paved . . . and apply the savings toward more and better local roads.

You'll save on maintenance, too, with Asphalt paving. Here's one example. It costs only \$37.06 a mile, per year, to maintain the New Hampshire Turnpike.

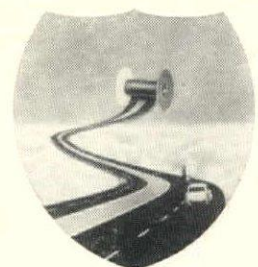
Remember, Asphalt paving can be designed and built to meet *any* load requirement . . . from the lightest traffic to the heaviest.

It's smart to learn the simplified facts about scientific road-building. Write today for your free copy of "The Better Way to Better Roads."

\*Examples on request

## THE ASPHALT INSTITUTE

1270 Avenue of the Americas  
New York 20, New York



Ribbons of velvet smoothness...  
ASPHALT-paved Interstate Highways



THE STALEY CO., INC.

STEEL & ALUMINUM WINDOWS

STEEL DOORS

METAL SPECIALTIES

TRUSCON STEEL BUILDING PRODUCTS

PHONE MILTON 4-4539

2205 TAZEWELL ST.

RICHMOND, VA.

*Congratulations, Virginia:*

Your beautiful and functional State Office Building is a lasting tribute to the progressive-ness and vision of Virginia's citizenry.

Michaels is proud to have had a part in the construction of this noteworthy project. Under the expert guidance of Merrill C. Lee, architect and Virginia Engineering Company, general contractors, much of the stainless steel used in the building was fabricated by . . .

**THE MICHAELS ART BRONZE  
CO., INC.**

**COVINGTON, KENTUCKY**

*Producers since 1870 of many products in  
aluminum, stainless steel and bronze.*

**CORTE  
CONSTRUCTION  
CO.**

*General  
Building  
Contractor*

KIMBALL  
WEST VIRGINIA



**TALLEY  
NEON**

*Neon Signs*

LETTERS OF ALL KINDS

Phone MI 9-0326

1908 Chamberlayne Ave.

RICHMOND  
VIRGINIA





## Building Costs Survey Part II

[Architects and others in the Building Industry rarely face up to their critical problems as has one Virginia Architectural-Engineering firm. On the matter of the cost of building construction, Carneal & Johnston, a Richmond Architectural-Engineering firm, has conducted a twelve year study and analysis of building costs that is an outstanding example of a straight forward approach to this particularly knotty problem. Every architect and builder is faced with a demanding problem in public relations in presenting the cost of building (and it has been a constantly rising one) to clients and the public.

Through a series of bulletins they have issued since 1945, the Richmond firm has endeavored to keep their clients and professional associates aware of the building cost picture. J. Ambler Johnston, A.I.A. here reviews the bulletins issued by his firm since that date and graciously permits us to reprint in full the last bulletin, issued last August. RNA]

### Bulletin of June 1st, 1950

It is unnecessary to quote from this bulletin for in 1950 we saw no reason to expect lower building costs while things creating them stayed up, and we prophesied for the balance of 1950 a very gradual net increase.

### Bulletin of November, 1951

The Korean situation and the consequent Government Controls so upset the cost curve during late 1950 and early 1951 that we hesitated to issue a bulletin until now, but recent months have developed a pattern of some apparent steadiness. It appears the rate of rise in cost has been slowed down though the curve has not flattened out. It may be expected to RISE SLOWLY DUE TO CONTINUING WAGE INCREMENTS.

As final costs are made up of MATERIALS plus WAGES, and though material cost increases are not as great as labor increases, we may expect in the next six months an overall INCREASE IN COST OF SOMETHING LESS THAN 5%, assuming no all out war.

The old, old story is the same . . .

**BUILDING MATERIALS HAVE NOT INCREASED IN COST ANY FASTER THAN OTHER COMMODITIES.**

In this Bulletin we brought to that date the larger curve of February 1st, 1950 and also presented a graph in which the 1926 costs were rated at 100 and showed a remarkable parallel between the U. S. Bureau of Labor Statistics reports for building materials and the Engineering News-Record for the same and another curve just below it of the Bureau of Labor statistics on all commodities. These curves run through the Korean War and its price control, but the story doesn't vary. Building costs rise and fall approximately parallel to the consumer price index.

### Bulletin of October, 1955

For some years we occasionally issued bulletins on building costs, but since the Korean War whenever we started preparation of a new one prices would rise and we would think best to wait for a levelling-off, which never occurred.

BUILDING COSTS continued to parallel the cost of living, commodity costs, and, in a manner, the stock market.

THEN CAME THE STEEL STRIKE. Just when it appeared possible to reasonably estimate the cost of a proposed project, within six weeks time contractors were unable to get sub-bids other than on an advanced basis. Today steel is not

(Continued on page 37)



(Photo by Herbert Matter, Studio Associates, Inc.)

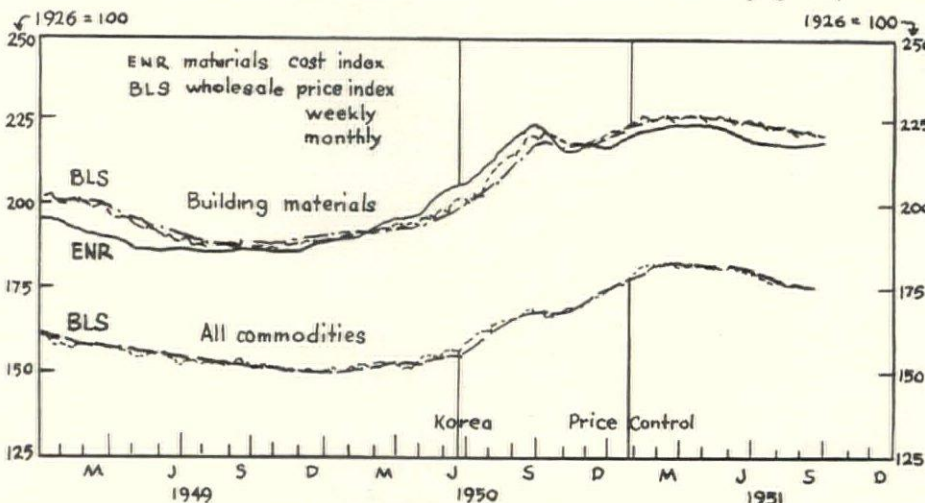
PAUL RUDOLPH

## Paul Rudolph Main Speaker At Meeting

Principal speaker for the Virginia Chapter A.I.A. meeting at the Cavalier Hotel on June 5-6-7 will be Paul Rudolph, Chairman of the Department of Architecture at Yale and well known Florida architect.

Rudolph, of the firm of Twitchell & Rudolph, Sarasota, Fla., has been visiting critic at many of our leading architectural schools. He has held the Wheelright traveling fellowship, won A.I.A., A.I.D., Revere, House and Garden and the Brunner Awards. His commissions have included the new U. S. Embassy in Amman, Jordan; the Art, Music and Drama building at Wellesley; the Sarasota-Bradenton Airport; and as design consultant for the Inter-American Center in Miami.

He has written a number of articles published here and abroad and lists 56 publications of his work in architectural, shelter and house magazines here and abroad.









# new state office building

**D**URING DEVELOPMENT of the plans for the new State Office building, administration on behalf of the state was by the Building Committee of the State Office Building Commission. Members of the Building Committee were Thomas H. Blanton, Chairman; W. Ben Davis, Industrial Commission; Dr. Mack I. Shanholtz, Comm. Dept. of Health; J. I. Smith, State Corporation Commission; and Marvin M. Sutherland, Governor's Office.

Members of the Commission were Thomas H. Blanton, Chairman, Howard H. Adams, Earl A. Fitzpatrick, Robert T. Flanary, Shirley T. Holland, Robert T. Marsh, Jr., J. Vernon Rice, Mack I. Shanholtz, Joseph J. Williams, Jr. and John W. Boatwright, Jr., Secretary.

Merrill C. Lee, F.A.I.A., was general architect with Marcellus Wright & Son, Consulting Architect, Wiley & Wilson were Consulting Mechanical Engineers and MacFarlane & Sadler, Consulting Structural Engineers. Sculptor was Leo Friedlander.

Planning and construction of the building as the first step in realization of the previously approved Long Range Plan for Development of State Office Buildings was made possible by the decision to combine a General Fund appropriation by the Legislature, and Special Fund allocations by the State Corporation Commission and the Industrial Commission. These two special fund agencies along with the Health Department occupy space in the building in proportion to the respective funds used.

The location and general surroundings of the building will raise many questions in the mind of the viewer unfamiliar with the Long Range Plan. This building is the first of five which, with the old State Office Building, will form an arc of six equally spaced structures extending through one-quarter of a circle to Broad Street immediately west of the Turnpike. All streets between Broad on the north, the Turnpike on the east, Bank Street on the south and Ninth Street on the west, will be eliminated. The Finance Building and all buildings east of Capitol

(Continued on page 30)

Architect:  
Merrill C. Lee, F.A.I.A.

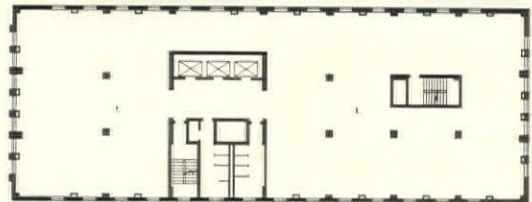
Consulting Architect:  
Marcellus Wright & Son

Consulting Mechanical Engineers:  
Wiley & Wilson

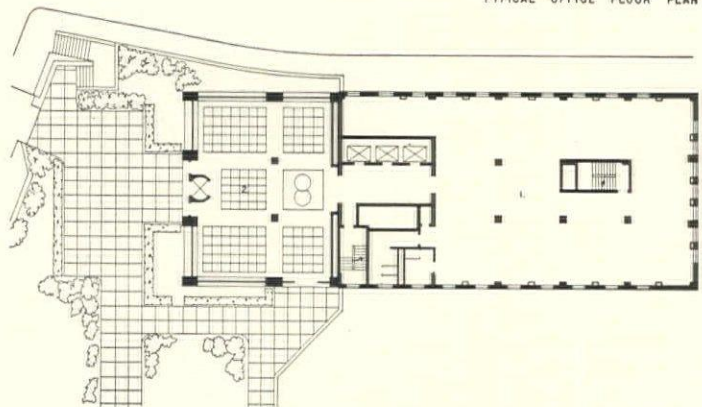
Consulting Structural Engineers:  
MacFarlane & Sadler

General Contractor:  
Virginia Engineering Co.

(Danfotos)



TYPICAL OFFICE FLOOR PLAN



MAIN ENTRANCE FLOOR PLAN

1 - OFFICE SPACE  
2 - MAIN ENTRANCE FOYER

## MORRIS F. RILEY

### General Contractor

RESIDENTIAL · COMMERCIAL · INDUSTRIAL

Phone 388J12

R. F. D. #1

WARRENTON, VIRGINIA





*NEW*

**WOOD TRIMMED**  
ALUMINUM RAILING POST BY

 *Blumcraft* OF PITTSBURGH

SEE 1958 SWEETS 6e/Blu OR SEND FOR CATALOGUE M-58  
460 MELWOOD STREET, PITTSBURGH 13, PENNSYLVANIA





# U.D.C. Headquarters Building, Richmond

Architects-Engineers:  
Ballou & Justice

General Contractor:  
J. Kennon Perrin

**I**N EARLY SUMMER OF 1950 the Richmond firm of Ballou and Justice was selected as Architects-Engineers for a memorial Headquarters Building for the United Daughters of the Confederacy. As early as 1948, delegates to the National Convention of the U. D. C. accepted Richmond as the site for their Headquarters Building. Cities in other states were considered and possibly one of the determining factors in the selection of Richmond as a site for the Memorial Building, lay in the fact that Richmond was once the capital of the Confederacy.

In November 1950, the Commonwealth of Virginia donated the land which is located between the Virginia Museum and Battle Abbey for the erection of this structure. In the same year, the Convention voted to proceed with the plans for building. The Memorial Building Committee was composed of a group of women from seven different states. Sketches were submitted by the Architects during this interval but delays were prevalent due to necessary conferences between the members of the Committee and getting financial matters in order.

In early 1954 the Committee approved the preliminary sketches and gave the go ahead signal. Approval, by the Art Commission, of the preliminary sketches was obtained in April 1954. The working drawings were prepared and then again submitted to the Committee and in turn to the Art Commission. On April 1, 1955 the Art Commission gave final approval to the plans and specifications.

Mrs. John Francis Weinmann of Little Rock, Arkansas, National Building Committee Chairman, officiated at the Ground Breaking Ceremony on April 18, 1955 and actual construction

was started in November 1955 by J. Kennon Perrin, Richmond General Contractor.

The Memorial Building was dedicated on November 11, 1957 in an impressive ceremony attended by many distinguished guests of the U.D.C. and presided over by Miss Edna Fowler, retiring President-General.

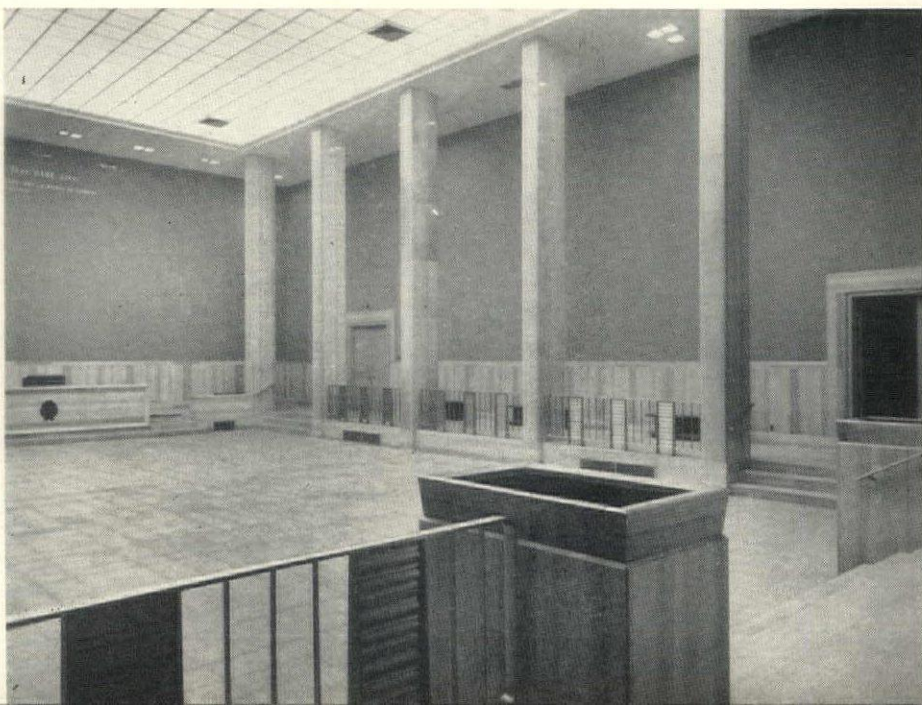
The exterior of this T-shaped structure is constructed of a white veined Georgia marble which lends a quiet dignity and strength to this Memorial Building dedicated to the Women of the Confederacy. One of the interesting features is the main entrance bronze doors, a gift of the Children of the Confederacy. These doors form the entrance to an impressive Lobby and Great Hall. The Great Hall rises to a lofty height in the center of the build-

ing with wainscoting and floors of marble. The lighting for this room is unique in that the entire ceiling over the main portion of the room is diffused lighting by means of fluorescent lights above a Corrolux ceiling. The building is prepared for future air conditioning. The right wing contains the library, President's Office and three committee rooms and the left wing houses a Memorial Lounge, General Office and a Record Room.

A master layout of landscaping has been planned by Kenneth R. Higgins, Landscape Architect of Richmond and the work is being done as funds are available.

The total cost of construction including the bronze entrance doors was approximately \$375,000.00.

*(Continued on page 43)*





## Grover L. White, Inc.

*"Serving Tidewater Since 1915"*

730 Boush St.

Phone MA 7-4563

NORFOLK 10, VA.

PLASTIC TILE

LINOLEUM

CERAMIC TILE

CORK TILE

LIGHTING FIXTURES

VINYL TILE

MEDICINE CABINETS

RUBBER TILE

FIREPLACE FURNISHINGS ASPHALT TILE

## Stanley W. Dawson

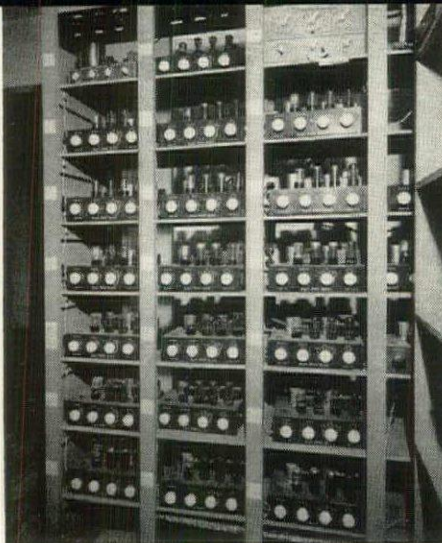
*General Building  
Contractor*

KILMARNOCK  
VIRGINIA

## U. D. Carter & Sons

*Electrical  
Contractors*

BLUEFIELD, W. VA.



*A typical Muzak amplifier installation in a large Virginia office building. These amplifiers provide proper volume control to various offices throughout the building. Location of this panel, wiring to all parts of the building and speaker locations were included in the architect's plans for this modern office building. (Dementi photo)*

## SOUND SYSTEMS

By WALKER C. COTTRELL, JR.  
*President, Cottrell Electronics  
Corporation*

With the installation of sound systems adequate for background music and paging, now held as necessary to modern construction as acoustical control, air conditioning and effective lighting, it is desirable the architect or engineer include specifications for wiring and speaker placement in the design of new structures and modernization of existing buildings.

In many Virginia factories and offices the day begins with Muzak, the scientifically planned background music service. Shopping Centers include Muzak distribution in their canopies. Modern stores in these centers continue this musical sales-conditioner inside their respective establishments. In the waiting rooms of Doctors and Dentists, Muzak is the answer to "patients' impatience", the natural anxiety which sometimes surrounds the patient. Muzak is recommended by leading management consultants to relieve worker tension, fatigue and boredom, to decrease error and employee turnover, and to increase production. Surveys have proved Muzak creates job interest, stimulates concentration, reduces unnecessary conversation, restlessness and day-dreaming.

In planning Muzak for the modern building, it is best to consult your local Muzak franchiser concerning the particular requirements of the structure. Sweets Catalog contains helpful basic information on Muzak including data on speaker placement and power required for speakers with wiring pointers.

For example, the placement of speakers in ceilings on staggered centers offers better sound distribution in some new structures. Today's engineering practice utilizes many small speakers, effectively placed to provide low-level sound for best penetration and coverage. The recommended distance between speakers is determined by the height of the ceilings, noise level, and utilization of the area.

In most instances, conduits are not essential for speaker distribution wires. It is desirable wiring plans include provisions for separate volume control of individual sections in business offices, factories, restaurants, stores, etc., where the volume requirements of the grouped speakers in different sections are not identical. Muzak systems can also be provided with microphone inputs for paging and announcements. Civil Defense and safety officials recommend such provisions.

The benefit of Muzak to industry has been scientifically established. Its application to modern construction is simple. Early planning will make for a better installation and lowered costs to the owner. Muzak now offers a premium quality assortment of sound amplifiers and speaker fixtures available through local Muzak outlets.

Your local Muzak Franchiser will gladly furnish copies of several helpful publications explaining how Muzak is scientifically tailored to provide work music for various locations and how applications of Muzak have helped increase profits for users. Among these publications are "An Answer to Worker Tension", a reprint of the Sweets Catalogue section on Muzak, and one detailing a management survey of four installations which countered particular client problems.

## G. L. CLINE

*Building Contractor*

Rt. 1, Box 86A

EXport 9-7012

PORTSMOUTH, VIRGINIA





New Richmond Section Board of Directors:—left to right—Ben Johns, Jr., Treasurer; Marcellus Wright, Jr., Director; Ambler Johnston, Director; Carl Lindgren, Jr., Secretary; O. Pendleton Wright, President; Milton Portewig, Director and Alan McCullough, Vice-President. (danfoto)

# NEWS

## AIA VIRGINIA CHAPTER

**F**IFTY-SIX RICHMOND MEMBERS of the Virginia Chapter have formed a Richmond Section. Taking offices in the section last month were O. Pendleton Wright, President; Alan McCullough, Vice-President; Carl Lindgren, Jr., Secretary and Ben Johns, Jr., Treasurer. Three other Directors, Marcellus Wright, Jr.; J. Ambler Johnston and Milton Portewig, were elected. The group will meet approximately monthly for fellowship and to discuss their local problems.

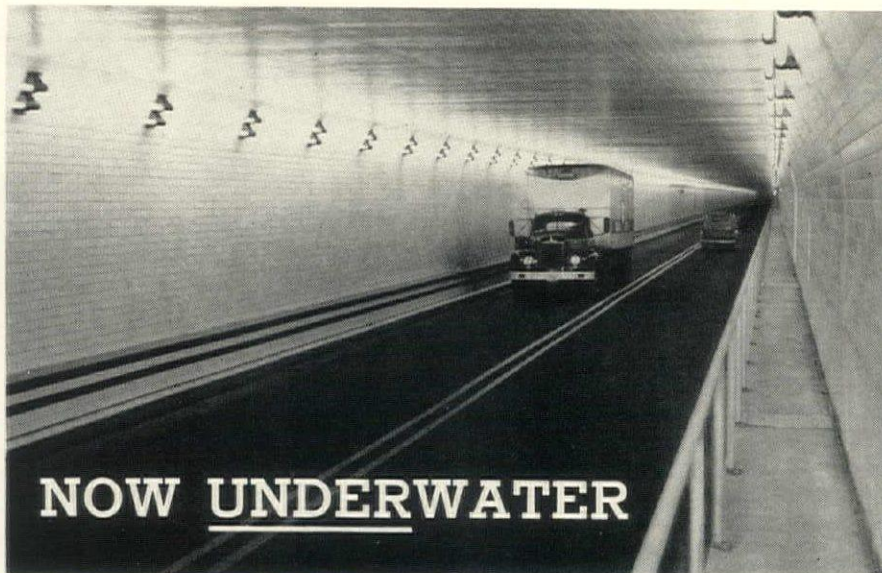
**T**HOMAS K. FITZPATRICK, F.A.I.A., Dean of the University of Virginia's School of Architecture, was guest speaker at the A.I.A. Honor Awards banquet of the Kansas City Chapter on April 30.

**R**ICHARD L. MEAGHER, of Roanoke, was elected President of the Roanoke Fine Arts Center for the current year. He has served as its first Vice-President, as exhibitions chairman and Secretary and was one of the founders of this growing art Center.

**T**HE VIRGINIA CHAPTER was represented at the Middle Atlantic Regional Meetings in Baltimore on April 18 and 19th by Chapter President Herbert L. Smith, III of Norfolk and Chapter Vice-president Carl M. Lindner, Jr., of Richmond.

**J**OHAN D. OWEN, JR., AIA, was recently appointed member of Planning Commission for the City of Lynchburg. (Please turn the page)

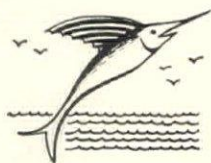
to tell the Virginia Story



## NOW UNDERWATER

HAMPTON ROADS TUNNEL—Engineers: Parsons, Brinkerhoff, Hall and McDonald. Prime Contractors: Merritt, Chapman and Scott. Both firms of New York, N. Y.

## SOLITE SHOWS VERSATILITY



The entire Hampton Roads Tunnel ceiling is composed of 14,200 porcelainized aluminum panels (1 x 12 feet) filled with Solite lightweight structural concrete. Another outstanding tribute to the versatility of Solite.

Solite is a chemically inert, controlled lightweight aggregate manufactured from durable slate by the rotary kiln process. In lightweight structural concrete and lightweight masonry units, Solite is being used in many of the South's outstanding homes and structures.

### SO STRONG...SO LIGHT

PLANTS:  
Aquadale, N. C.  
Bremo Bluff, Va.  
Leaksville Junction, Va.

OFFICES: P. O. Box 1843, Charlotte, N. C. P. O. Box 9138, Richmond, Va.



**FOR BETTER BUILDING . . . Consult your architect or engineer.**  
No matter what your construction needs are, professional advice can save you time and money.



## Fox & Thompson

Incorporated

**Heating & Plumbing**

1159 Bland St.

BLUEFIELD, W. VA.

DEALER FOR ..

a new kind of year-round comfort



# WEATHERTRON\*

\*formerly G-E Heat Pump

**ALL-ELECTRIC... ALL-AUTOMATIC**

**HEATS WITHOUT FUEL!**

**COOLS WITHOUT WATER!**

GENERAL ELECTRIC

## Henley & Gillespie

**ELECTRICAL CONTRACTORS**

Construction or Maintenance

1705 STATE STREET  
BRISTOL, VIRGINIA



## AIA News

THE NEXT VIRGINIA CHAPTER A.I.A. meeting will be held at the Cavalier at Virginia Beach on June 5, 6 and 7.

VIRGINIA CHAPTER A.I.A. Committee Chairmen and Vice-chairmen for 1958 are:

*Committee on Awards, Scholarships and Allied Arts.*

Pendleton S. Clark, Chairman.

Louis P. Smithey, Vice Chairman.

*Committee on Membership.*

Luther E. Warner, Chairman

Linwood Womack, Vice-Chairman &

Asst. Secty. for Membership.

*Committee on Office Practice.*

Fred Parris, Chairman

Wilson B. Dodson, Vice Chairman

*Committee on Chapter Affairs.*

Carl Lindner, Jr., Chairman

J. Linwood Walker, Vice Chairman

*Committee on Urban Design and Housing.*

James M. Portewig, Chairman

Forrest W. Coile, Jr., Vice Chairman

*Committee on The Home Building Industry.*

Eugene N. Brooks, Chairman

Philip W. Hansen, Vice Chairman

*Committee on Education and Registration.*

J. Scott Rawlings, Chairman

David Gibson, Vice Chairman

*Committee on Research.*

Leonard J. Currie, Chairman

James E. Harper, Vice Chairman

*Committee on Preservation of Historic Buildings.*

Orin M. Bullock, Jr., Chairman and

Preservation Officer

Milton L. Grigg, Vice Chairman

# WM. H. SINGLETON CO., INC.

HEATING — VENTILATING — AIR CONDITIONING — PLUMBING

POWER PLANTS — PROCESS PIPING

AUTOMATIC SPRINKLER SYSTEMS

WELDED PIPING SYSTEMS

ARLINGTON, VIRGINIA



*Committee on School Building.*

Louis A. Oliver, Chairman

O. Pendleton Wright, Vice Chairman

*Committee on Hospitals and Health.*

Thomas H. Walker, Chairman

*Committee on Relations with the Construction Industry.*

Charles C. Justice, Chairman

Henry T. Huband, Vice Chairman

*Committee on Governmental Relations.*

Louis W. Ballou, Chairman

Marcellus Wright, Jr., Vice Chairman

*Committee on Public Relations.*

Ed Sinnott, Jr., Chairman

Frank B. Poole, Jr. Vice Chairman

*Committee on Collaboration with the Design Professions.*

David W. Hardwick, Chairman.

*Committee on Honor Awards for Current Work.*

Thomas W. S. Craven, Chairman

J. Albert Heisler, Vice Chairman

*Special Committees.*

a. *Grievance Committee*

Henry B. Boynton, Chairman

b. *Joint Cooperative Committee*

Herbert L. Smith, III, Chairman

c. *Hurricane Resistance Committee*

Thomas F. Steigelman, Chairman

Historian for the Chapter is John E. Wilson.

## C. W. Wallace Company

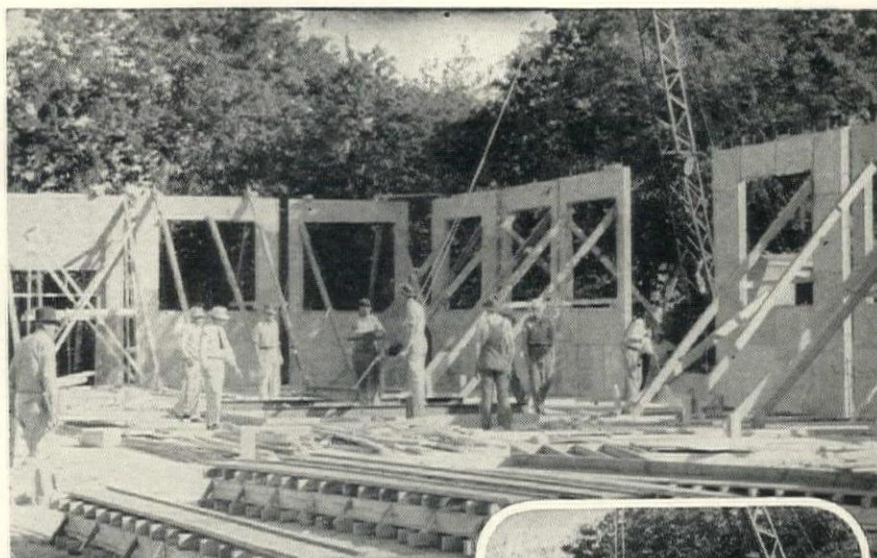
Phone GI 2-6532

EXMORE, VA.

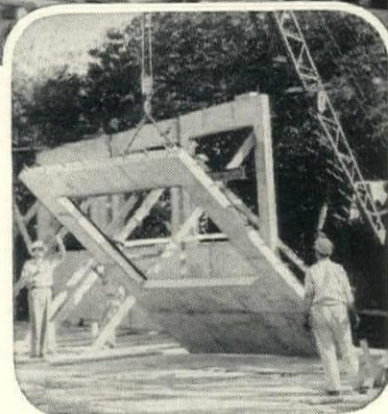
MASONRY  
CONTRACTING

*Residential — Commercial  
Industrial*

See Peoples Trust Bank feature  
on page 28.



### Cutting Costs and Speeding Construction by Building Walls **HORIZONTALLY**



"Tilt-up" is one of many concrete construction procedures Portland Cement Association engineers helped develop. As the name implies, wall panels are cast flat, then hoisted into position. By making maximum use of mechanical equipment, tilt-up saves time, money and materials. Such savings are especially important for building the warehouses, factories, barracks, hangars and other structures urgently needed in the national defense program.

Findings like this resulting from PCA research and development are immediately made available free to architects, engineers and contractors through the Association's field engineering service and its educational and promotional work. For more than one-third of a century this activity, voluntarily financed by the Association's 69 member companies, has represented an important contribution to the building of America. Today, for example, as a result of this work:

Owners, investors and taxpayers get **low-annual-cost** construction, rugged strength, maximum firesafety and enduring beauty in concrete factories, hospitals, schools, stores, public buildings.

Home owners get charming, firesafe concrete houses that offer unexcelled comfort the year around, have longer life, require fewer repairs and maintenance and cost less **per year** to live in.

Farmers, striving to improve production, get maximum yields at minimum cost with concrete improvements that save feed and labor and protect livestock health.

Motorists enjoy safe, smooth-riding concrete roads and streets that serve for many years at lower **annual** cost than other pavements.

## PORTLAND CEMENT ASSOCIATION

1401 State Planters Bank Bldg., Richmond 19, Virginia

A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work





# Linkhorn Park Elementary School

**N**EAR Virginia Beach on the Laskin Road is a beautiful elementary school, its blue porcelain enamel walls and white roofs sparkle in the Tidewater sun.

This cheerful school, which houses 600 students (Grade 1 thru 7), is scaled to the size of the student and the sloping roofs avoid the institutional appearance of so many elementary schools. Inside and out the school is a colorful, efficient and well designed school plant. In recognition of these qualities the Architects, Oliver and Smith, were

awarded Honorable Mention for design by the Virginia Chapter of The American Institute of Architects at its 1958 Annual Meeting. Bay Construction Co., Inc. was general contractor.

The use of a continuous ridge skylight over the classroom wings provides multi-lateral daylighting for the classrooms. This method of daylighting which avoids the construction faults of the usual bi-lateral design has proven very satisfactory and efficient.

## HERBERT L. MOIR, GENERAL CONTRACTORS, INC.

RESIDENTIAL AND COMMERCIAL

Phone DUpont 9-5355

P. O. Box 789

SALEM, VIRGINIA

## CLARKE ELECTRIC COMPANY

Main & Holbrook Avenue

DANVILLE, VIRGINIA

*Industrial & Commercial Wiring*

— NORFOLK OFFICE —

1113 Military Highway

NORFOLK, VIRGINIA

Electrical Contractor for Linkhorn Park Elementary School  
Featured on this page.

## J. S. Cooley, Inc.

PLUMBING • HEATING  
AIR CONDITIONING  
RESIDENTIAL • COMMERCIAL  
INDUSTRIAL  
GAS & FUEL OIL

Phone 372

P. O. Box 1002

FRONT ROYAL, VIRGINIA

## Fred J. Swinburne

*General Building  
Contractor*

PULASKI, VIRGINIA



Architects:  
Oliver & Smith  
General Contractor:  
Bay Construction Co.

Built in 1955 the building cost \$376,389.60 complete with all built-in cabinet work. This was at a cost of \$627.15 per student. Stage curtains, incinerator, kitchen equipment and sound system cost \$17,314.00. The sewage system cost was \$10,570.00 and site work \$56,677.00. Special foundations added \$8,715.00 to the project costs.

The excessive site work and special foundations costs point out the necessity for exercising good judgment in selecting school building sites. This school was built on an old brick-clay borrow pit; which required extensive and deep fill and foundations in order to develop a suitable site.

The school has 12 primary classrooms, 8 elementary classrooms, a library unit, teacher's room, administrative suite with clinic, kitchen, multi-purpose auditorium and cafeteria, ample custodial unit, and toilet facilities. The school has been planned so that no child crosses a road or parking area to reach a playground and all toilet facilities are easily accessible to the playgrounds making the building especially desirable for summertime recreation programs. Once in the building the primary and elementary children are separated to avoid conflicts and confusion between these age groups.



This building along with other Tidewater architecture will be featured at the June Meeting of the Virginia Chapter, AIA.

Subcontractors were as follows:

Fred A. Haycox Co., clearing and grubbing, excavation, filling and backfill, including structures, site improvement, site utilities and concrete; Snow, Jr., & King, masonry; Globe Iron Construction Co., structural steel, miscellaneous metal, roof deck metal; Beaman Engineering Co., Charlotte, N. C., architectural metal work; Oakwood Coal & Supply Co., metal windows, aluminum; Hall-Hodges Co., metal doors and frames; American Sheet Metal Corp., roofing, sheet metal work, and skylights; Hampshire Corporation, Insulrock.

Also, Febre & Company, plastering; Bay Construction Co., insulation, carpentry, caulking, and sewage treatment works; Grover L. White, tile work, composition tile; Miller Manufacturing Co., Richmond, millwork, cabinet work; Seaboard Paint and Supply, finish hardware; Walker & Laberge Co., glass and glazing; E. Caligari & Sons, painting; American Steel Equipment Co., metal toilet partitions; Ervin & Snow, plumbing, heating and ventilating; Clarke Electric Co., Inc., Norfolk and Danville, electrical, sound equipment; M. E. Stern, kitchen equipment; Ajax Company, curtains and track.

All are Norfolk firms except where otherwise noted.

## JOHN L. FISK

*General  
Building  
Contractor*

6124 Providence Road  
NORFOLK 2, VIRGINIA

## SUFFOLK BUILDING MATERIALS, INC.

*Everything for the Builder*

SPECIALIZING IN WINDOWS — DOORS

501 E. Washington

SUFFOLK, VIRGINIA

Phone 2674

## J. H. SOURBEER

*General Contractor*

GRADING AND EXCAVATING

817 Gate City Highway

BRISTOL, VIRGINIA

Phone North 914

## Cannon Engineering Co.

H. EVERETT CANNON, Pres.

Phone FEderal 3-5722

2430 Pennsylvania Ave., N.W.

WASHINGTON 7, D. C.

## SWING & PRICE

ELECTRICAL CONTRACTORS

*We Solve Your Electrical Problems*

RESIDENTIAL—COMMERCIAL

- NEW INSTALLATIONS • REPAIRS • MAINTENANCE
- FLUORESCENT LIGHTING—MAINTENANCE
- EXPERT TROUBLE SHOOTING
- Member NECA

We Wire for Electric Hot Water Heaters—Ranges—  
Heating Equipment—Air Conditioning

8 TRUCKS SERVING THE PENINSULA

PHONE: NEWPORT NEWS 3-1666

SHOP: 2455 W. PEMBROKE AVE.  
HAMPTON, VIRGINIA

P. O. BOX 1252  
WYTHE BRANCH

## Kenneth B. Shrader

*General Contractor*

RESIDENTIAL • COMMERCIAL  
INDUSTRIAL

Phone DAvenport 5-6029

P. O. Box 3055

BLUEFIELD, WEST VIRGINIA



## GLOBE IRON CONSTRUCTION CO. INC.

1514 E. Princess Anne Rd., Norfolk

Phone MA 5-2542

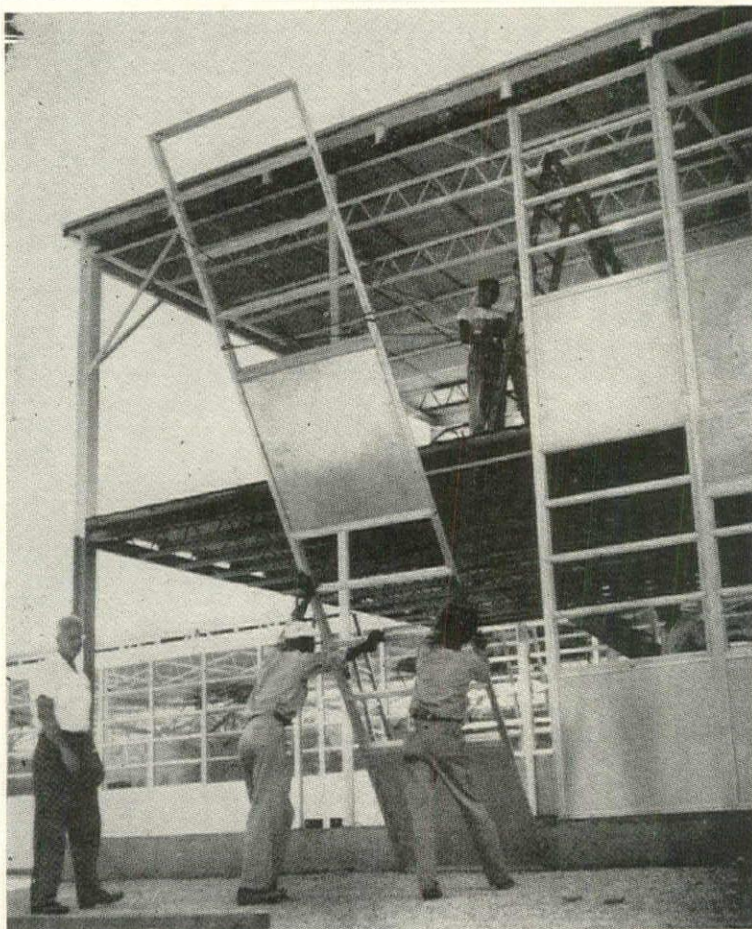
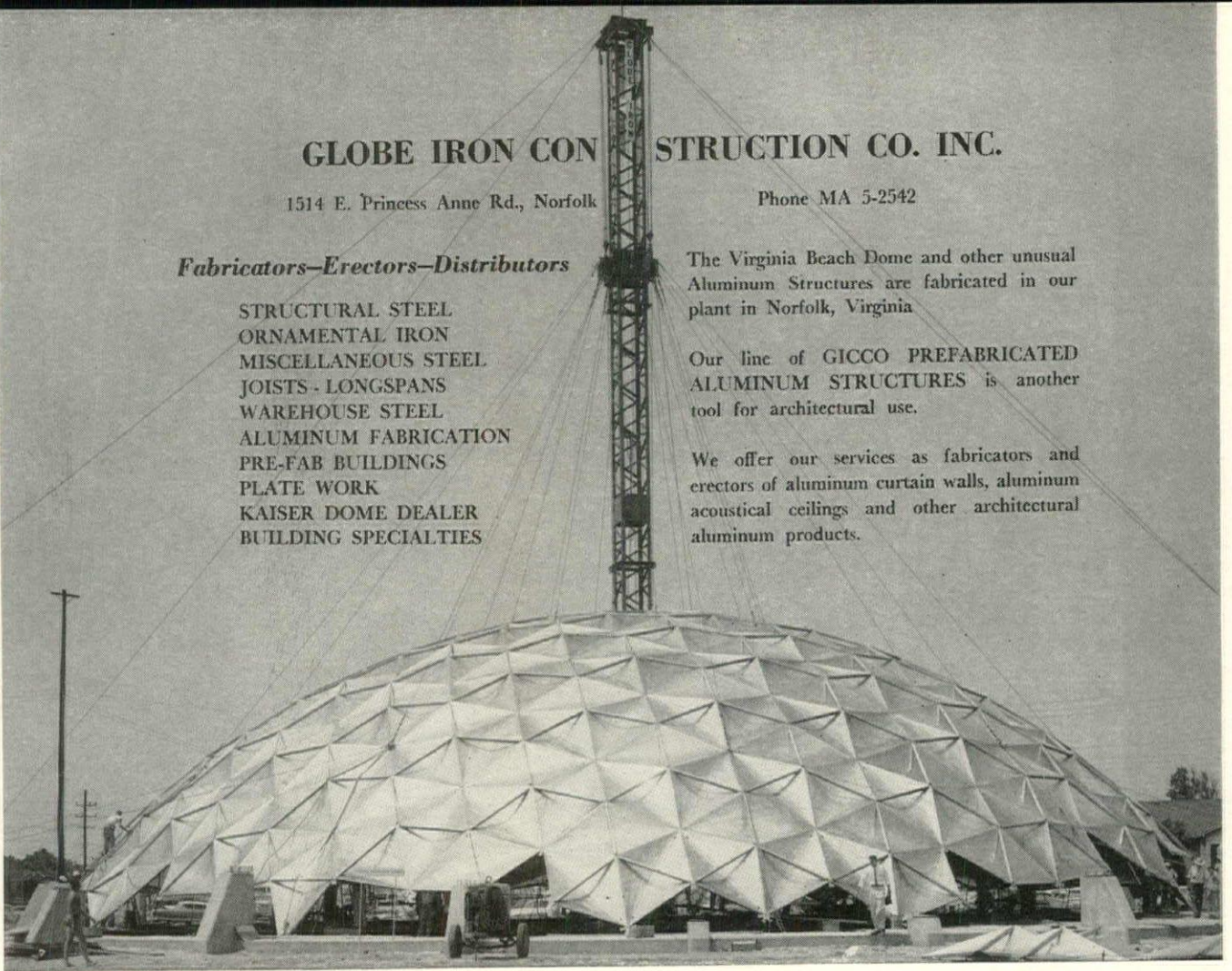
### *Fabricators—Erectors—Distributors*

STRUCTURAL STEEL  
ORNAMENTAL IRON  
MISCELLANEOUS STEEL  
JOISTS - LONGSPANS  
WAREHOUSE STEEL  
ALUMINUM FABRICATION  
PRE-FAB BUILDINGS  
PLATE WORK  
KAISER DOME DEALER  
BUILDING SPECIALTIES

The Virginia Beach Dome and other unusual Aluminum Structures are fabricated in our plant in Norfolk, Virginia

Our line of GICCO PREFABRICATED ALUMINUM STRUCTURES is another tool for architectural use.

We offer our services as fabricators and erectors of aluminum curtain walls, aluminum acoustical ceilings and other architectural aluminum products.



### B & G ALUMINUM WINDOW WALL

ALUMINUM INSULATING PANEL  
COMPONENT OF WINDOW UNIT

*The Ideal Unit for*

SCHOOLS                      FACTORIES  
OFFICE BUILDINGS        HOSPITALS

## BROWN & GRIST, Inc.

TELEPHONE WARWICK 8-1559

TYLER AVENUE  
Warwick, Virginia



## SPRING MEETING:

VIRGINIA'S architects, members of the Virginia Chapter, The American Institute of Architects, have a gala Spring Meeting scheduled for the first weekend in June at the Cavalier Hotel, Virginia Beach.

Paul Rudolph, Chairman of the Department of Architecture at Yale University and well known for his work in Florida and Massachusetts as well as other U. S. areas, will be principal speaker at a session Saturday morning, June 7, at the hotel.

The Reverend Roland P. Wagner will speak at the Chapter Banquet at the Cavalier on Saturday evening.

Other speakers for the convention, for which James Lee Williams is chairman, will be Neal Thomas, A. I. D., on Friday afternoon and students and architects on a panel moderated by Dean Thomas K. FitzPatrick of the University of Virginia, also on Friday afternoon.

Social occasions will include, in addition to the traditional banquet, a charcoal steak dinner to be held in the new aluminum dome of the Virginia Beach Convention Center Friday evening following a cocktail party at which the Tidewater Section of the Virginia Chapter A. I. A. will be host.

Virginia architects will be guests of the United States Plywood Corp. at luncheon at the Cavalier on Friday. The Western Waterproofing Company will hold another of its traditional coffee hours between Friday afternoon sessions.

During the meeting a building products display will be on view in the hotel. Other events include the President's cocktail party on Thursday evening, business sessions and a business breakfast Friday afternoon and Saturday, and a film at noon Saturday—"Cities By The Sea." Dancing at the Cavalier Beach Club is scheduled after the Friday and Saturday evening sessions.

### PROGRAM

#### THURSDAY EVENING, June 5, 1958

- 4:00 PM Early Registration
- 6:00 PM President's Cocktail Party
- 7:00 PM Executive Committee Dinner Meeting

#### FRIDAY MORNING, June 6, 1958

- Building Products Exhibition 9:00 AM-12:00 Noon
- 8:00 AM Committee Breakfast—Dining Room
- 9:00 AM 1. Registration Committee active in Registering Members  
2. Special Committee Meetings
- 12:00 Noon Luncheon—Sponsored by United States Plywood—Cavalier Room

#### FRIDAY AFTERNOON

- Building Products Exhibition 12:00 Noon-5:00 PM.
- 1:30 PM Business Session—Cavalier Room
- 2:30 PM Speaker: Neal Thomas A.I.D.—Cavalier Room
- 3:00 PM Coffee—Sponsored by Western Waterproofing—Cavalier Room
- 3:30 PM Student-Architect—Panel Discussion  
Dean T. FitzPatrick of University of Va.—Moderator

### FRIDAY EVENING

- Tidewater Architectural Exhibit in Dome.
- 6:00 PM Cocktails sponsored by Tidewater Section of AIA.
- 7:00 PM Charcoal Steak Dinner — Virginia Beach Convention Hall—Dome
- 9:30 PM Dancing at Cavalier Beach Club

#### SATURDAY MORNING, June 7, 1958

- 8:30 AM Business Breakfast
- 10:00 AM Continued Business Session
- 11:00 AM Speaker: Mr. Paul Rudolph of the Department of Architecture of Yale University
- 12:00 Noon Film—"Cities By The Sea"

#### SATURDAY AFTERNOON

- Building Products Exhibition—2:00 PM-5:00 PM.

#### SATURDAY EVENING

- 6:30 PM Cocktail Party
- 8:00 PM Annual Dinner of the Chapter in the Main Dining Room of the Cavalier  
Mr. Herbert L. Smith, III—Presiding  
Past Presidents Honored  
Rev. Roland P. Wagner—After-dinner speaker  
Dancing at Beach Club

## UNITED DAUGHTERS OF THE CONFEDERACY NATIONAL HOME

See Page 19

Exterior of Beautiful Georgia White Cherokee Marble Furnished by

THE GEORGIA MARBLE COMPANY

*Represented in Virginia along with its Subsidiaries,*

THE TENNESSEE MARBLE COMPANY,

THE GREEN MOUNTAIN MARBLE COMPANY,

THE ALABAMA LIMESTONE COMPANY

and

THE ALBERENE STONE CORPORATION OF VIRGINIA

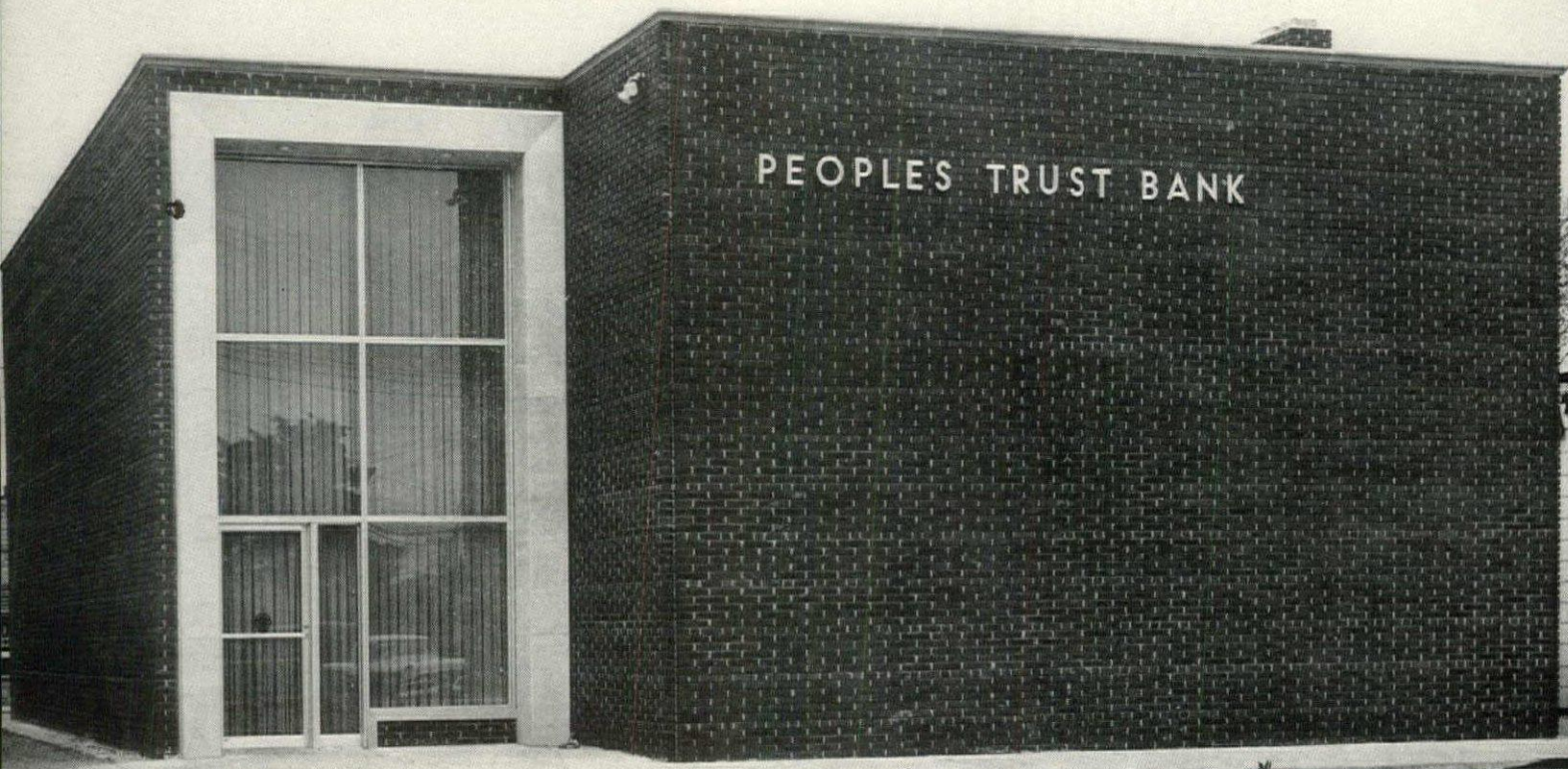
by

**W. H. STOVALL & CO., INC.**

303 South 2nd St.

Richmond, Virginia





# Peoples Trust Bank at Exmore

Architect:  
J. Linwood Walker, Jr.

General Contractor:  
Patrick D. Widgen

**T**HE Peoples Trust Bank, completed early in 1957, at Exmore, is the Eastern Shore of Virginia's most modern addition in banking facilities. Located on a double access lot, its principal elevation faces northeast on Bank Street and secondary elevation at the opposite end opening on a large parking lot accessible from U. S. Route 13, the town's main avenue.

The building is 60 feet long by 44 feet wide of brick, masonry block, precast stone, and steel construction, and interior finishes, wood paneled and plaster walls, acoustical plaster ceilings, terrazzo and resilient tile floor-

ing. The building is completely air conditioned provided by a Chrysler Airtemp unit using "flow thru" city water supply discharged on the roof.

The 50 x 24 foot main banking room with a 17 feet high ceiling opens on both Bank Street and the parking lot. In it are modern public banking transaction facilities, including private coupon booths and vault access. A two story lengthwise partition separates the banking room from the remainder of the building. On the ground floor is a manager's private office, a large bookkeeping and accounting room readily accessible to teller booths via

doors and pass-thru window, mechanical and utility room, and large vault. On the second floor is the directors' room, toilets, and storage rooms. Drive-in teller window and night depository facilities are also provided.

Architect for the project was John Linwood Walker, Jr. and general contractor, Patrick D. Widgen.

The sub-contractors were Wallace & Bagwell, masonry; E. D. Ransome, concrete; Ashby Bros., plumbing; R. P. Godfrey, heating and air conditioning; Goslee Roofing Co., roofing; Economy Cast Stone, precast stone; Pittsburgh Plate Glass, aluminum entrances, windows, and glazing; American Fixture and Furniture Co., fixtures; Mosler Safe Co., vault door and night depository; Diebold Safe Co., drive-in window and safe deposit boxes.



## PATRICK D. WIDGEN

*General Building Contractor*

NASSAWADOX, VIRGINIA

Phone Gilbert 2-6412

General Contractor for Peoples Trust Bank, Exmore  
See Story Above

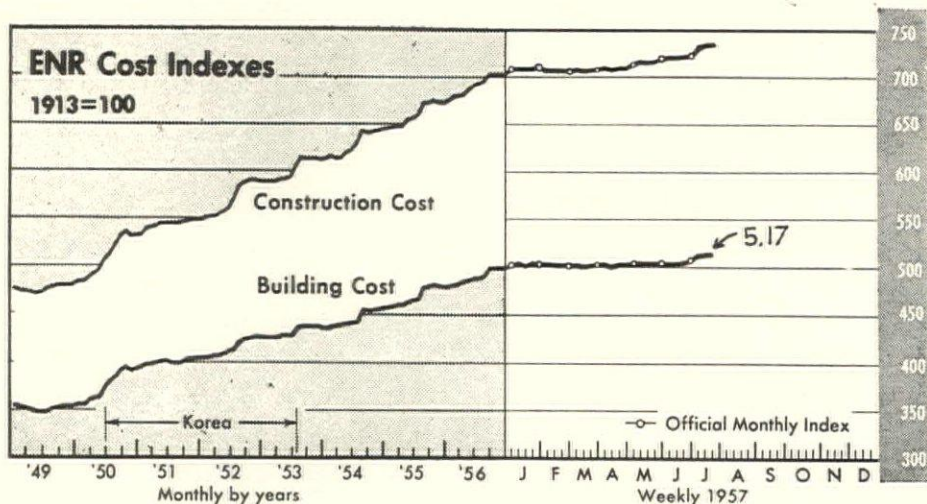
## G. E. Berry Construction Co.

*"Commercial Construction  
Specialist"*

McLEAN, VA.

Phone Jefferson 2-1288





BULLETIN OF AUGUST 20th, 1957

	Based on 1949 Building Costs — 1.00	Change From Year Ago
Engineering News-Record	July, 1957 — 1.44	+ 3.7%
Associated General Contractors	June, 1957 — 1.42	+ 5.2%
American Appraisal Co.	June, 1957 — 1.36	+ 4.7%
This has been adjusted for estimated productivity.		
Marshall and Stevens, Inc.	March, 1957 — 1.41	+ 4.1%
A service dedicated exclusively to gathering cost data.		
E. H. Boeckh and Associates, Inc.	March, 1957 — 1.37	+ 3.3%
Commercial and factory. Includes overhead and profit. Adjusted for estimated productivity.		
Smith, Hinchman & Grylls, Inc.	June, 1957 — 1.44	+ 5.1%
The following are large contracting concerns reporting in their work, which may vary between them in type:		
Aberthaw	March, 1957 — 1.46	+ 12.1%
Austin	June, 1957 — 1.36	+ 5.6%
Fruin-Colnon	June, 1957 — 1.34	+ 1.8%
Fuller	April, 1957 — 1.30	+ 4.0%
Turner	July, 1957 — 1.41	+ 6.3%
AVERAGE	1.40	+ 5.06%

These reports cover about everything let to contract in the United States this year, so we may use the general statement that costs are 40% more than 1949 and 5% more than last year.

Meanwhile, commodity costs and consumer prices which do not include the same wage increases run a somewhat parallel upward curve.

Commodity costs July, 1957 as compared with 1949 = 100 — 1.19.

Percent change from year ago 3.5

Consumer price index July, 1957 as compared with 1949 = 100 — 1.18.

Percent change from year ago 3.5

This parallel has prevailed throughout the years so there appears little reason to expect significant reduction in building costs.

It is obvious that no one set of figures would apply to all types of construction. One cannot expect to lump together stores, garages, schools, office buildings, churches, theaters, sheds, barns, dwellings, hotels and hospitals and come up with an answer in one set of figures, but there is a general ratio which with fair accuracy may be used to change former costs, as follows:

July, 1957 Increase over July, 1956, one year ago	—	4% to 5%
" " " " " 1955, two years ago	—	8% to 10%
" " " " " 1954, three years ago	—	11% to 13%
" " " " " 1953, four years ago	—	17% to 18%
" " " " " 1952, five years ago	—	19% to 23%
" " " " " 1949, eight years ago	—	40%

The higher percentages represent the better type of building, offices, hospitals, hotels, schools, etc. having more mechanical and electrical equipment. ●

## H. B. BATTON CONSTRUCTION CO.

GENERAL CONTRACTORS

P. O. Box 228

PHOEBUS, VIRGINIA

to tell the Virginia Story

MAY 1958

## GARBER'S INCORPORATED

Trading as

THE OVERHEAD DOOR CO.  
OF RICHMOND

4400 Williamsburg Ave.

RICHMOND, VA.

Phone MILton 8-3041

## HAMPSHIRE

- Acoustical Materials
- Resilient Floorings
- Plastic Wall Fabrics
- Unit Type Movable Partitions

POURED GYPSUM

GYPSUM PLANK & INSULROCK

Baltimore—Washington

Charleston, W. Va.

Richmond—Norfolk

Roanoke

## PAINTS FOR PROFESSIONALS



Sampson Paint and Color Company  
will engineer all types of  
**INDUSTRIAL PAINTS**  
to your specifications

If your plans call for a specific paint, custom-made for your requirements, you can rely on Sampson to meet your most exacting standards.

INSIDE and OUTSIDE paints for  
• City, State and Federal specifications.  
• Industrial and Institutional requirements  
... schools, hotels, office buildings, hospitals, factories, etc.

**SAMPSON**

PAINT AND COLOR CO., INC.  
Phone MILton 3-2865 1415 E. Main St.  
RICHMOND, VIRGINIA

PAGE THIRTY-NINE



ESTABLISHED 1922

# Virginia-Carolina Electrical Works, Inc.

*Dependable Installations  
of*

**ELECTRICAL : AIR CONDITIONING : REFRIGERATION  
HEATING : PIPING  
DIESEL ENGINE GENERATORS**

1007 Main St.

Madison 5-2501

Norfolk, Va.

## USONA MFG. CO.

3512-26 CHOUTEAU AVENUE  
ST LOUIS 3, MO.

MOhawk 4-8000



*Manufacturers of*

BRONZE  
ALUMINUM  
IRON  
WIRE WORK

FOUNDRY  
PLATING  
CADMIUM  
ALUMILITING

Fabricators of the beautiful bronze door for the U.D.C. National Home  
shown on page 19

F. C. G. LANZ  
*Chairman of the Board*

F. M. LANZ  
*President-Treasurer*

H. H. WILLIAMS  
*Secretary*

F. CREIGHTON  
*Vice-President*



## NATURAL SLATE

OVER 500 MILLION YEARS IN THE MAKING

BE ON THE POSITIVE SIDE—SELECT THE "CLASSIC" CHALKBOARD  
Matchless Durability • Easy Maintenance • Quiet Dignity • Excellent Taste

Consider its uses—Sills, Stools, Shower Partitions, Floors, Walks, Laboratory Tops, Etc..

*For your protection—be sure it is quarried in the United States*

**NATURAL SLATE BLACKBOARD COMPANY  
THE STRUCTURAL SLATE COMPANY**

PEN ARGYL, PENNSYLVANIA

## New H & J Entrance Door and Frame Features

- NO SAG, polished, alumilited, heavy duty hinges with smooth, long-wearing nylon bearings.
- BURGLAR PROOF hinges cannot be removed when door is closed.
- WEATHERPROOF glass stops with double vinyl glazing. No exposed screws.
- DOOR STOPS snap on and have vinyl weatherstrip assuring maximum weather protection plus cushioned swing.

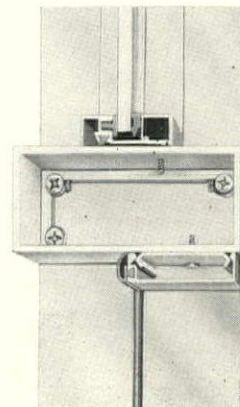
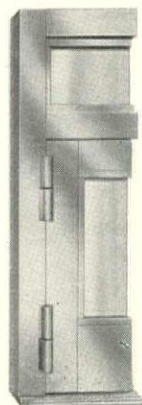
For More Information, Contact:

**HANKINS & JOHANN, Inc.**

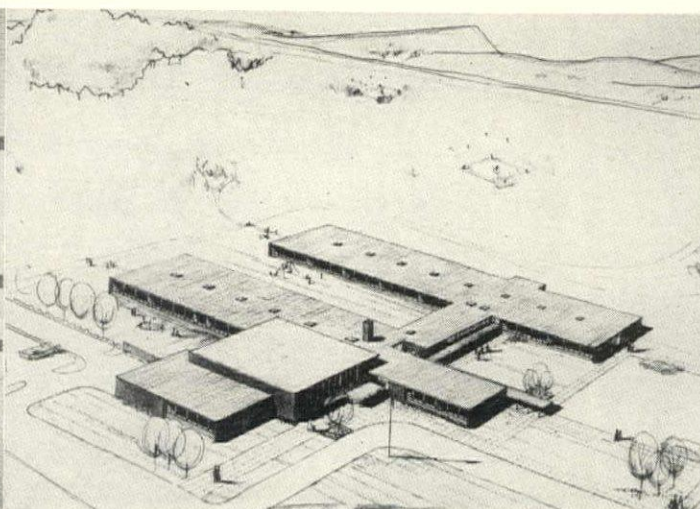
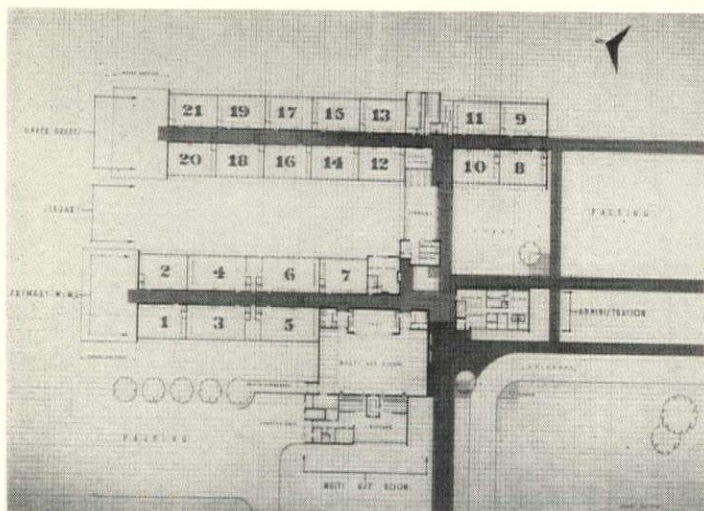
Department J

P. O. Box 7147

Richmond 21, Va.







## HARRISONBURG ELEMENTARY SCHOOL IN PLANNING STAGE

Architects:  
Smithey & Boynton

Associate Architect:  
Clarence Wenger

1—First Grade; 2—First Grade; 3—Kindergarten; 4—Kindergarten; 5—Special Purpose Room; 6—First Grade; 7—Second Grade; 8—Second Grade; 9—Third Grade; 10—Second Grade; 11—Third Grade; 12—Fourth Grade; 13—Fourth Grade; 14—Fifth Grade; 15—Fifth Grade; 16—Sixth Grade; 17—Sixth Grade; 18—Seventh Grade; 19—Seventh Grade; 20—Unassigned Room; 21—Unassigned Room.

A NEW elementary school for Harrisonburg is well into the working drawing stage. Divided into two wings according to use and administrative supervision, the upper grades are placed in a separate wing with a connecting covered walk to the main core of the building. The lower grades are directly connected to the Administration Suite and the Multi-Use Room. Each lower grade has a private toilet within each Classroom, this being the reason for eliminating large toilets in the lower Classroom wing. However, two small toilets are provided for public use.

The Administrative Suite is located in a place where it is easily reached by visitors and where supervision of all activities becomes quite simple. Connecting the two major wings is the Library, with entrances from both the upper grades and the lower grades. The main source of light for the Library is from the north. The south also supplies light which is shaded by the covered walk.

The Multi-Use Room is designed for many uses. Folding tables and benches which fold into recessed wall cabinets can be easily and quickly put away after the lunch period, leaving a completely free area for games, limited sports and other activities. A stage is provided for plays and school programs. As an auditorium the multi-use room will also serve the community for civic activities.

The school property is located on a corner. In order to take full advantage of both streets, the kitchen is placed adjacent to one of the streets. This location makes possible a direct and short service entrance without crossing the playground areas.

The entire building is laid out on a four foot modular. Exterior walls are of 4" steel tube columns at 8'-0" and 12'-0" o.c. Corridor walls are load bearing 8" masonry walls. The roof is constructed of longspan steel joist @ 6'-0" o.c. and metal roof deck.

The building has been designed for an ultimate enrollment of approximately 750 pupils with 21 classrooms being built and a future addition of four classrooms. With a total area of approximately 38,600 sq. ft. (including covered walks and porches). Classrooms are designated as follows: two kindergarten classrooms, three first grade classrooms, three second grade classrooms, two classrooms each for fourth, fifth, sixth and seventh grades and one special purpose room. Two classrooms remain unassigned at the present time. Harrisonburg being a college town, two conference rooms are provided for use in teacher training. These conference rooms serve four of the lower grade classrooms.

Other facilities which are provided are a large school storage room, teachers' restroom and lounge, a health clinic, school tool storage and chair storage in connection with the multi-

use room.

Exterior finishes will be brick and porcelain enamel panels with large areas of glass. All windows will be of aluminum. Interior finishes will be exposed construction for classroom walls (brick and concrete block), wood and fabric. The classroom ceilings are to be acoustic tile. The corridors will have exposed concrete block and brick walls with a facing tile wainscot, acoustical tile ceilings and vinyl tile floors. Quarry tile floors will be used at all entrances. Plastic roof skylights will light the corridors as well as the stack areas in the library. The administrative suite will have exposed brick and plaster walls.

The building will be heated by a steam system with oil fired boiler. Unit ventilators will be used in all instructional areas with convectors in most other areas.

The architects, Smithey & Boynton, Roanoke, Virginia and associate architect, Clarence Wenger, Harrisonburg, Virginia, are in hopes that the drawings will be ready for bidding in the very near future.



**C. MALOY FISHBACK**  
CONTRACTOR AND BUILDER

Box 679

Telephone SPring 7-2261

LEESBURG, VIRGINIA



# Concrete Ready Mixed Corp.

*Radio Dispatched Concrete*

*Mfg. Reinforced Concrete Septic Tanks*

L. EARLE SIMMS, *Pres.*

DAVID G. LINDSEY, *Vice Pres.*

EMMETT W. LINDSEY, *Secy. & Treas.*

Dial DU 9-7253  
SALEM, VA.

Dial DI 4-9261  
611 Norfolk Ave., S.W.  
ROANOKE, VA.

## SAWYER CONSTRUCTION COMPANY

GENERAL CONTRACTOR



HAMPTON, VIRGINIA

## LOCHER BRICK CO., Inc.

GLASGOW, Rockbridge County, VIRGINIA

Telephone Clifford 8-2853

*Manufacturers in Virginia since 1847*

*Manufacturers Handmade Claywares since 1929*

SALES AND SERVICE OFFICES—Virginia; Contact local building supply dealer or dial Glasgow 2231. North and South Carolina; phone Rocky Mt. 6-5810 or Charlotte phone Franklin 6-1149. Georgia and Southeastern States; phone Atlanta TR 6-1084.

## BROWN-MOONEY Building Materials Corp.

*Building Materials for Home and Industry*

1615 East Byrd St.

MI 3-2763

RICHMOND, VIRGINIA

LINCOLN 4-6667

LINCOLN 4-6668

LINCOLN 4-6669

AIR CONDITIONING — VENTILATION

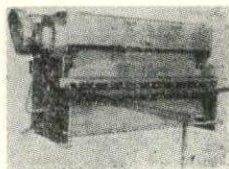
GENERAL SHEET METAL WORK — KITCHEN EQUIPMENT

SMOKE BREECHING — REPAIR WORK

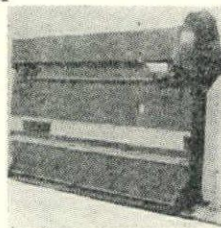
### STROMBERG

SHEET METAL WORKS, Inc.

1115 Congress Street, Northeast  
Washington 2, D. C.



POWER SHEAR



POWER BRAKE

## New LEAKNOT Faucet

Kel-Win Manufacturing Company's revolutionary new LEAKNOT faucet was specifically designed to permanently end faucet drip. Unlike other faucets with automatic shut-off features, the LEAKNOT does not need to be held-on or restarted during use. Instead, the faucet opens easily in the conventional manner, leaving both hands free for washing. When shut-off is desired, the faucet is closed partly by hand and then the pressure of the water itself on a specially designed cam takes over to insure positive closing. The point at which the automatic shut-off feature snaps the valve closed can be easily adjusted to suit the particular pressure needs of the installation.

Tests by General Services Administration, the York Research Corporation and other agencies have proven water savings of as much as 36%, against conventional type faucets. In many instances, it has been found that the value of the fuel for hot water saved is worth as much as twice the value of the water saved. Actual field installations have required no maintenance for almost four years.

Aside from there being no maintenance problems for the faucet itself, the LEAKNOT does not allow the formation of rust scale on the sink or bathtub. This condition is caused by continual drip or flow of water on the porcelain surface. With this faucet, there is no drip. It is truly a LEAKNOT faucet.

## Culpeper Stone Co., Inc.

*Crushed stone for*

CONCRETE  
DRIVEWAYS  
HIGHWAYS  
BARN LOTS  
FARM ROADS  
RIP RAP

### CULPEPER PLANT

6 miles east on Route 3

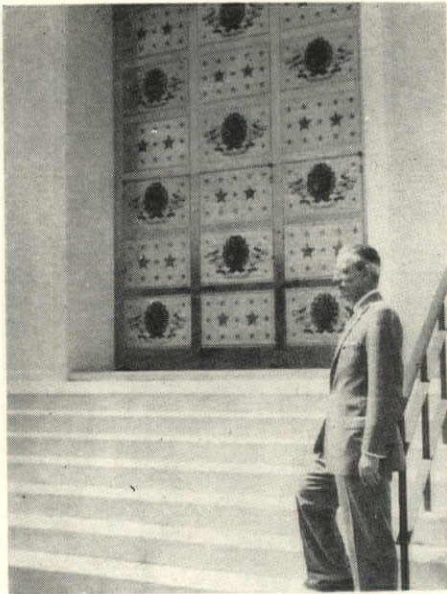
Phone 8208

### FREDERICKSBURG, PLANT

2 miles west on Route 639

Phone ESsex 3-2111





Charles C. Justice of the Architectural-Engineering firm of Ballou and Justice, Richmond, architects for the new National Headquarters Building of the U.D.C. (danfoto)

Subcontractors and material suppliers were as follows:

Concrete, Massey Building Supply; masonry and stone setting, Southern Brick Contractors; cast stone and precast roof deck, Economy Cast Stone Co.; tile and marble work, Oliva and Lazzari; reinforcing steel, steel joists, etc., Virginia Steel Co.; roofing and sheet metal work, R. P. Whitley Roofing Co.; structural steel and miscellaneous iron, Montague-Betts Co.; metal roof deck, Inland Steel Products Co.; double hung steel windows, Truscon—The Staley Co.; millwork, Ruffin and Payne; lathing and plastering, Mirabella, Inc.; painting, Lail's Painting and Decorating; glass, mirrors and related items, Pittsburgh Plate Glass Co.; metal toilet stall doors, J. S. Archer Co.; floor covering, acoustic and Acoustilux, Hampshire Corp.; bronze work, Usona Mfg. Co.—Roanoke Eng. Sales Co.; plumbing, heating and ventilating, Gundlach and Co.; electrical, Northside Electric Co.; hardware, Pleasants Hardware Co.; weatherstripping, E. S. Chappell.

## J. C. SNYDER

GENERAL  
BUILDING  
CONTRACTOR

Rt. 2, Box 436-A  
ROANOKE, VIRGINIA

## STUART M. PERRY, INC.

### Asphalt Division

ASPHALT PAVING OF  
ALL KINDS

*Crushed Stone for  
All Purposes*

Phone MOhawk 2-3431

Office & Quarry:  
2 Miles West on Rt. 50  
WINCHESTER, VIRGINIA

## Walter L. Brown

### General Building Contractor

RESIDENTIAL,  
COMMERCIAL  
and  
INDUSTRIAL  
BUILDING

Swift 2-2350

R.F.D. 2  
DANVILLE, VA.

JOHNS-MANVILLE APPROVED BUILT-UP ROOFERS

### R. P. WHITLEY ROOFING COMPANY

1802 Ellen Rd.

RICHMOND, VIRGINIA

Phone EL 9-1783

*Roofing and Sheet Metal Work for State Office Building. See page 16.*

## HICKS & INGLE CO.

### Mechanical Contractors



5300 Va. Beach Blvd.

Phone UL 5-4735

NORFOLK, VIRGINIA

CHARLOTTE, N. C.

OAK RIDGE, TENN.

WEST PALM BEACH, FLA.



# **SPIERS AND COMPANY, INC.**

## **CONTRACTORS**

- GENERAL
- HEATING
- UTILITIES
- PLUMBING
- POWER PLANTS
- SEWAGE DISPOSAL
- AIR CONDITIONING

2214 WICKHAM AVE.

PHONE 5-1861

NEWPORT NEWS, VIRGINIA

## **J. Frank Stultz Roofing & Sheet Metal Co.**

Established 1918

Member Master Plumbers Association

PROMPT AND DEPENDABLE SERVICE

2 Chestnut St.

Martinsville, Va.

ME 2-4212

## **C. B. Malcolm & Son, Engineers Malcolm Blue Print and Supply Co.**

632 2nd Street, S.W.

Diamond 4-6249

ROANOKE, VIRGINIA

## **GRAHAM BROTHERS**

### **GENERAL CONTRACTORS**

709 W. Grace Street

P. O. Box 423

Dial MI 4-2345

RICHMOND 3, VIRGINIA

### **Railing Design**

(Continued from page 33)

Hotel William Byrd, Richmond:  
Hankins & Johann, Inc., Richmond,  
Fabricator; Marcellus Wright & Son,  
Richmond, Architects.

Mutual Savings & Loan Assn., Rich-  
mond: Greendale Ornamental Iron Co.,  
Richmond, Fabricator; H. Carl Mes-  
serschmidt, Richmond, Architect.

McLean High School, McLean:  
Southern Iron Works, Inc., Alexandria,  
Fabricator; Dixon & Norman, Rich-  
mond, Architects.

Childrens Rehabilitation Center,  
Charlottesville: Ornamental Iron &

## **William E. Hodge General Contractor**

Phone 1305 Jamestown Rd.

**WILLIAMSBURG  
VIRGINIA**

## **L. W. ROBERTS COMPANY**

LIGHTING EQUIPMENT  
STAGE LIGHTING AND  
CONTROL EQUIPMENT  
HOSPITAL SIGNAL  
EQUIPMENT

300 W. Franklin St.

Phone MI 8-2214

RICHMOND 20, VIRGINIA



Prison Works, Roanoke, Fabricator; Stainback & Scribner, Charlottesville, Architects.

Bridgewater College Health & Physical Ed. Buildings, Bridgewater: Roanoke Iron Works, Inc., Roanoke, Fabricator; D'Earcy P. Davis, Jr., Harrisonburg, Architect.

Old Dominion Bank, Arlington: A. F. Jorss Iron Works, Arlington, Fabricator; Allen J. Dickey, Arlington, Architect.

Phi Beta Kappa Memorial Hall, Williamsburg: Hankins & Johann, Inc., Richmond, Fabricator; Walford & Wright, Richmond, Architect.

Architects desiring a copy of the new 1958 catalogue M-58 may write to Blumcraft of Pittsburgh, 460 Melwood Street, Pittsburgh 13, Pennsylvania.

## W. ROGER WOOD

*General  
Contractor*

RESIDENTIAL  
COMMERCIAL

Phone Dunkirk 5-7500  
145 Church Street, N.W.  
VIENNA, VIRGINIA

## CONRAD BROTHERS

*General Contractors*

203 CITIZENS BANK BLDG.  
  
NORFOLK, VA.

## SEABOARD PAINT & SUPPLY CO.

*Distributors for*

SCHLAGE, YALE AND KWIKSET HARDWARE

40th & KILLAM AVE., NORFOLK, VA.

See the Linkhorn Park Elementary School. Featured on page 24.

## GARRETT, MOON & POOL, INC.

*General Contractors*

READY MIX  
CONCRETE



SEPTIC TANKS

PHONE 884

Box 112

BLACKSTONE, VIRGINIA

## ROANOKE IRON WORKS, INC.

605 Third St., S.E.

Phone Diamond 5-7831

ROANOKE, VIRGINIA

## Fred S. Vance Construction Co.

*General Building Contractors*

617 Anderson Street

BRISTOL, TENNESSEE



## KITCHEN & McCLAY, Inc.

*Contractors*

PLUMBING • HEATING • VENTILATION

AIR CONDITIONING

PETERSBURG, VIRGINIA



# The Peoples Trust Bank

Member Federal Deposit Insurance Corporation

EXMORE, VIRGINIA

A FRIENDLY PLACE TO BANK

## Officers

CHARLES M. LANKFORD, JR., *President*  
W. E. JOHNSON, *Vice-President*  
MAURICE NOTTINGHAM, *Cashier*  
H. A. MAPP, *Asst. Cashier*  
GEO. W. FREEMAN, *Asst. Cashier*

## Directors

Chas. M. Lankford, Jr.  
W. E. Johnson  
E. D. Broun  
M. J. Duer  
Paul W. Turner  
Lucius J. Kellam  
R. N. Walker  
Baxley T. Tankard

READY MIXED CONCRETE

*"For Every Purpose"*

SAND AND GRAVEL

Year Round Delivery—Phone 6765

## Buena Vista Ready Mix Concrete Company

Member V.C.M.A.

BUENA VISTA, VIRGINIA

## WILLIAM H. WHITE, JR., INC.

*Plumbing, Heating, Air Conditioning, and  
Process Piping*

NOW COMPLETING WORK ON FT. LEE BARRACKS

2506 W. Cary St.

Phone ELgin 5-4368

RICHMOND, VA.

## GODWIN ELECTRIC COMPANY

Charlottesville, Virginia



Member—National Electrical Contractors Association

## Hassell D. Lassiter

*Builder*

●  
**GENERAL  
CONTRACTOR**  
●

Phone 3861

BOYKINS, VIRGINIA

## Lance J. Eller

*Grading  
&  
Excavating  
Contractor*

ASPHALT SURFACING



Phone SUNset 7-3212

ONLY, VIRGINIA



# VIRGINIA BUSINESS REVIEW

by

ROSEWELL PAGE, JR.

VIRGINIA and the nation regretfully learn that Kenneth Chorley, president of Colonial Williamsburg since 1935, plans to retire on May 21, the date of his sixty-fifth birthday.

Mr. Chorley, who has been associated with John D. Rockefeller, Jr., since the beginning of the Williamsburg restoration work in 1926, has provided leadership under which the project has grown until more than \$62 million has been invested in bringing the one-time capital of the great Virginia colony back to life.



(Photo by Karsh, Ottawa)

KENNETH CHORLEY

Regarded by many as "the elder statesman" of historical and educational restoration, Mr. Chorley is a member of the American Association of Museums, Virginia Historical Society, Virginia State Museum of Science, Newcomen Society, Pilgrim Society of the United States, and the Virginia Branch of the English Speaking Union. He is a trustee of the Endowment Association of the College of William and Mary, holds the honorary degrees of Doctor of Laws from the College of

William and Mary and of Doctor of Humane Letters from Hobart and William Smith College.

In May 1957, Mr. Chorley received a well-deserved special award from the Virginia State Chamber of Commerce for outstanding service and contributions to the state.

The Farmers Bank of Boydton in Mecklenburg County celebrates its fortieth anniversary this month. It has played a distinguished part in the economic life of the area it has served since it was organized May 1, 1918.

Frank C. Bedinger was its first president, J. W. Edmonson, vice president, and C. E. Hightower, cashier.

The original capital of the bank was \$25,000.00 with no paid in surplus.

Now the bank has a capital of \$50,000.00 and the combined surplus, undivided profits and reserves amounts to \$108,000.00. Total resources on date of the last call amounted to \$2,023,166.42 and total deposits were \$1,855,384.81.

At the present time, F. C. Bedinger is chairman of the Board of Directors; C. C. Strohecker, Jr., president; Irby Turnbull, vice president, and A. S. Finch is cashier and secretary of the board.

In Russell County, there is now nearing completion an industrial program which involves three of Virginia's biggest companies and an outlay approaching \$80 million.

The program is the result of several

## Franklin Concrete Products Corporation

READY-MIXED CONCRETE

Concrete Blocks and Supplies  
for Tidewater Virginia

Phone LOgan 2-4168

FRANKLIN, VA.

Engineered  
for Rugged  
Wear



Ribbons of velvet smoothness . . .  
MODERN ASPHALT HIGHWAYS

## ASPHALT highways and

streets are modern • more economical • safer

On the average, recent bids prove, modern PLANT-MIXED Asphalt construction gives you one extra mile out of every ten.

PLANT-MIXED Asphalt provides maximum safety, riding comfort and driving ease. Maximum durability and lowest maintenance costs, too.

The Association invites inquiries and will be glad to supply you with information concerning the ECONOMY, DURABILITY and SUPERIORITY of ASPHALT in all paving.



Specify ASPHALT for driveways • parking lots • playgrounds • swimming pools

**VIRGINIA ASPHALT ASSOCIATION, INC.**

HOTEL RICHMOND MEZ. 9TH & GRACE  
P. O. BOX 1013, RICHMOND, VIRGINIA



**CARL M. BEALE, JR.**  
***General Building Contractor***

Phone 2-5461

SMITHFIELD, VIRGINIA

Helping to make Roanoke a better place in which  
to live for more than 30 years

**J. H. FRALIN & SON**  
***General Contractors***

2518 Williamson Road

P. O. BOX 5037

ROANOKE, VA.

Phone Diamond 4-3131

**H. PHIL BURKS**

***General Building Contractor***

310 Pine Street

Phone 4211

COVINGTON, VIRGINIA

**BUILDINGS EQUIPMENT &  
SUPPLY CORP.**

Floor Maintenance Equipment  
Complete Line of Cleaning Supplies  
Sanitary Chemicals and Allied Products

*"We carry everything but the janitor."*

811-13 W. Broad Street

RICHMOND, VA.

Dial EL 8-4986

**BOONE CONSTRUCTION COMPANY**

***General Contractors***

Rt. 2

Phone NEptune 9-5201

RADFORD, VIRGINIA

years' planning by Appalachian Power Company, Clinchfield Coal Company and Norfolk and Western Railway. Each is constructing individual projects, but the facilities are closely interwoven by services or goods each company can provide or buy from the other.

The biggest is the \$55 million power plant by Appalachian on Clinch River which is to strengthen the company's transmission at the lower end of its system. Next in size is the Moss #3 Mine and coal preparation plant which Clinchfield is constructing nearby at

**EARL K. ROSTI**

**General  
Contractor**

COMMERCIAL &  
INDUSTRIAL

Phone Jefferson 3-3104

P. O. Box 98

FALLS CHURCH, VIRGINIA

**William H. Hill**

***General Contractor***

Concrete Bridges & Highways

Swimming Pools

Phone ESsex 3-9476

213 Lorraine Avenue

FREDERICKSBURG, VIRGINIA



a cost estimated at about \$20 million. Approximately a third of its coal output will be used by the power plant to generate electricity.

Finally the Norfolk and Western's 8,300 foot tunnel through Sandy Ridge is to provide transportation for coal from Clinchfield's mine to the preparation plant seven miles away.

Preparation plant for Clinchfield, a division of Pittston Company, will be one of the largest and most modern in the world. It will wash, dry and screen about 15,000 tons of coal per

day with a future estimated capacity of 25,000 tons.

Scheduled for completion in late September by Link Belt Company, which has the contract for construction, the automatic preparation plant will utilize the heavy-media separation process for preparation of metallurgical and steam coal. Moss #3 Mine will be worked with mechanical equipment which scoops out extraneous material besides coal, thus requiring the plant to prepare the coal for market. This mine will eventually employ about 400 persons and is located in an area estimated to control nearly 100,000,000 tons of recoverable and salable coal. It is located in what is probably the largest and most valuable reserve of virgin and unexploited metallurgical coal in one block remaining in the United States.

Operations of Clinchfield in southwest Virginia include 11 mines which together produced more than half of the company's total 1957 production of 10,750,000 tons.

According to Robert Hughes, Clinchfield's president, last year's production was a 10 per cent increase over 1956 and the total number of employees rose 300 to about 3,500. Hughes predicts a slight increase in coal production over 1957 in 1958.

Anchor Motor Freight, Inc., of Delaware, with headquarters in Cleveland, Ohio, and lines running over the eastern half of the country, began its operation hauling General Motors

## Linwood L. Curtis

*General Contractor*

RESIDENTIAL • COMMERCIAL  
INDUSTRIAL

Phone Cedar 9-6235 1705 Jackson St.

HOPEWELL, VIRGINIA

**DON'T TURN YOUR  
BACK ON DEATH!**



**FALWELL  
FAST FREIGHT, INC.**

P. O. Box 937

LYNCHBURG, VIRGINIA

## William C. Duck

*General Contractor*

RESIDENTIAL AND  
COMMERCIAL

*Specializing in  
Custom Homes*

Phone LOgan 2-3637

302 Bogart Street

FRANKLIN, VIRGINIA

## **Driving Safely Is Our First Responsibility**

Through organized driver training, safety programs and incentive reward, we strive to make our safety record a good one . . .  
We believe it is.

**Virginia  
TRAILWAYS**





## **WILLIAM J. NEWTON**

### ***Building Contractor***

RESIDENTIAL & COMMERCIAL

Phone ESsex 3-6060

1324 Dandridge Street

FREDERICKSBURG, VIRGINIA

## **ROBERT H. SHANNON**

### ***Electrical Contractor***

COMMERCIAL AND INDUSTRIAL

Phone STerling 6-2521

Box 285

R. F. D. #1

FREDERICKSBURG, VA.

## **WOODROW WILSON PATTERSON**

### ***General Contractor***

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

Phone Diamond 3-1918

Route 5

Box 574

ROANOKE, VIRGINIA

*We are proud of our part in the growth of  
Roanoke, Salem and Roanoke County*

## **SALEM GLASS CORPORATION**

SALEM, VIRGINIA

Veteran Subcontractor on Many of the Better Buildings  
Seen on the Roanoke Skyline

## **ROSS C. MELL**

### ***Building Contractor***

Virginia License # 4218

HERNDON, VIRGINIA

products in 1934 and at the present time has nine locations, the newest being the Ashland, Va., Terminal managed by Leo J. Driscoll.

Other locations are at Baltimore, Md.; Wilmington, Del.; Norwood, Ohio; Tarrytown, N. Y.; Linden, N. J.; Framingham, Mass.; Flint, Mich.; and Van Dyke, Mich.

The above installations operate approximately 1,500 tractor-trailers throughout the Eastern United States.

The favorable accident experience of 159,874 miles per chargeable accident, can be attributed largely to the company's policy to hire only experienced over the road tractor-trailer

### **IF EVERYONE**

If every one who drives a car  
could lie a month in bed,  
With broken bones and stitched up  
wounds, or fractured head,  
And there endure the agonies that  
many people do,  
They'd never need preach safety  
to me or you.

If every one could stand beside the  
bed of some close friend,  
And hear the doctor say "No Hope"  
before that fatal end,  
And see him there unconscious,  
never knowing what took place,  
The laws and rules of traffic I'm sure  
we'd soon embrace.

If every one could meet the wife and  
children left behind.  
And step into the darkened home  
where once the sunlight shined,  
And look upon the "vacant chair"  
where Daddy used to sit,  
I'm sure each reckless driver would  
be forced to think a bit.

If every one who takes the wheel  
would say a little prayer,  
And keep in mind those in the car  
depend upon his care,  
And make a vow and pledge himself  
to never take a chance,  
The great crusade for safety would  
suddenly then advance.

—by John Clark

Reprinted from May 5th issue, *Transport Topics*

SPONSORED BY—

### **Jarrell & Glancy Truck Terminal**

*Sinclair Distributors*

R. F. D.

Hewlett, Virginia

26 Miles North of Richmond  
on U. S. #1



drivers, who are then schooled for a ten-day period in the car hauling part of the operation; after which time, their ability is tested by a responsible seasoned driver who decides in a report to the company whether the new employee is capable to go on his own.

The type of business operation carried on by Anchor Motor Freight, Inc., is welcomed in Virginia.

A \$5,000,000 construction program is being pushed to completion to give Virginia Beach more first class accommodations than it has ever had before in its 52 years of existence as Virginia's



## **Howard G. Brooks**

*General  
Building  
Contractor*

Phone 2088

U. S. Rt. 10, Box 82

VIRGINIA BEACH, VA.



## **W. M. SNIPES**

*General Contractor*

RESIDENTIAL  
AND  
COMMERCIAL

Phone DRake 2-4059

P. O. Box 266

CHASE CITY, VIRGINIA

## **KENNETH BLACK, SR.**

*General Building Contractor*

P. O. Box 273

MAdison 5-5860

NORFOLK 1, VIRGINIA

## **WILSON V. HILL**

*General Contractor*

RESIDENTIAL AND COMMERCIAL

Phone MAdison 7-1868

2910 MAPLETON AVE.

NORFOLK, VIRGINIA

## **J. E. GREEN**

*General Contractor*

P. O. Box 270

Telephone 707

JOHNSON CITY, TENNESSEE

## **Gregory Construction Co.**

*General Contractor*

RESIDENTIAL • COMMERCIAL • INDUSTRIAL

Phone 506

413 SUDLEY ROAD

MANASSAS, VIRGINIA

## **John Phillip Myers**

*General Contractor*

RESIDENTIAL • COMMERCIAL • INDUSTRIAL

Phone 9331

1129 Jackson Street

CULPEPER, VIRGINIA



**MAHLON D. MACY**  
*General Contractor*

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

Phone 3-5372  
P. O. Box 561  
PULASKI, VIRGINIA

**CLARENCE E. HALL**  
*General Contractor*

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

Phone PLymouth 3-4306  
PETERSTOWN, WEST VIRGINIA

**Wendell P. Reid**  
*General Contractor*

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

Phone CLearbrook 6-5696  
1512 Halfmoon Road  
FALLS CHURCH, VIRGINIA

**ALLEN R. WOOD**  
*General Contractor*

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

Phone Madison 5-7717  
2738 Hollister Ave.  
NORFOLK, VIRGINIA

primary seaside resort.

Five new ocean front motels are about to make their debut along with a million-dollar convention center. This is to put Virginia Beach in a better competitive position to attract meetings of 1,000 or more delegates. These new motels have one thing in common: private balconies—most of them facing the ocean. They are also equipped with the latest in air-conditioning and are within a few steps of the ocean or private swimming pools. These five, according to a release from the Virginia Beach News Bureau, are

**W. A. THOMPSON**

*General  
Building  
Contractor*

1025 Randolph St.  
WILLIAMSBURG, VIRGINIA  
Phone CA 9-3455

**L. B. WEBER**  
*General Contractor*

RESIDENTIAL AND  
COMMERCIAL

Phone WARwick 8-6058  
3269 Warwick Road  
DENBIGH, VIRGINIA



The Mariner, Gay Vacationer, Bel Harbour, LaPlaza and The Saxony.

The motel and other seasonal activity in the construction field has kept the building industry busy in this area through the winter and spring months.

On May 1, Governor J. Lindsay Almond, Jr., officially inaugurated the first annual Salt Water Fishing Tournament at Ocean View in Norfolk. This tournament will extend to November 1 and is expected to be an annual event in Tidewater Virginia.

The waters of the tournament include: the Atlantic Ocean off Virginia

shores, the Chesapeake Bay in Virginia, and to the "fall line" of the great rivers—Potomac, Rappahannock, Piankatank, York and James—Mobjack Bay, Lynnhaven Bay and a hundred creeks and little bays, all salty tributaries or estuaries of the Chesapeake.

The species of the tournament are white marlin, channel bass, black drum, dolphin, blue fish, cobia, tautog, spotted sea trout, sea bass, gray trout, flounders, croaked, spot and white perch.

Only rod and reel catches are eligible for awards, and the methods include casting, trolling, surf and pier

fishing, surface, midwater and bottom fishing.

This tournament is the result of two years planning, promotion and organization by Tidewater sportsmen and civic leaders with the assistance of the Virginia Department of Conservation and Development according to J. Stuart White, assistant to the commissioner.

#### NAMES IN THE NEWS

Walter J. Matthews, general sales manager of VEPCO, has been appointed operating manager and A. LeRoy Johnson, of Clifton Forge, Alleghany district manager, has been named gen-

## F. W. HARRIS

**Plumbing and  
Heating**

MECHANICAL PIPING

Phone CLearbrook 6-1800

P. O. Box 326

ANNANDALE, VIRGINIA

## TAYLOR

**CONSTRUCTION  
CO.**

KINSALE, VIRGINIA

## R. C. HERZIG

*Excavating and Grading  
Land Clearing*

Experienced Operators  
for Golf Courses

Phone JEfferson 4-4100

903 Leesburg Pike

FALLS CHURCH, VIRGINIA

## Robert L. Johnston

*General Contractor*



Telephone 2-8757

COVINGTON, VIRGINIA

## RUDOLPH SPREIER

BUILDER OF  
FINE HOMES

6911 Pine Tree Terrace  
FALLS CHURCH, VIRGINIA

## Hackler-Seymour Metal Works, Inc.

PLUMBING, HEATING,  
ROOFING, SHEET METAL  
CONTRACTORS

PIPE-LINE CONSTRUCTION

26 South Bridge St.

MARTINSVILLE, VA.

## H. B. Sedwick, Jr. Construction Company

*General  
Contractor*

BUILDING MATERIALS  
RESIDENTIAL & COMMERCIAL

Phone 7345

Box 70

ORANGE, VIRGINIA



## **T. S. STAPLES CONSTRUCTION CO., INC.**

**General Building Contractor**

MANAKIN, VIRGINIA

## **C. V. CARLSON CO.**

**MECHANICAL CONTRACTORS**

AIR CONDITIONING—VENTILATING—HEATING—REFRIGERATION

CONRAD V. CARLSON

KIng 9-7413

ALEXANDRIA, VA.

303 Yale Drive

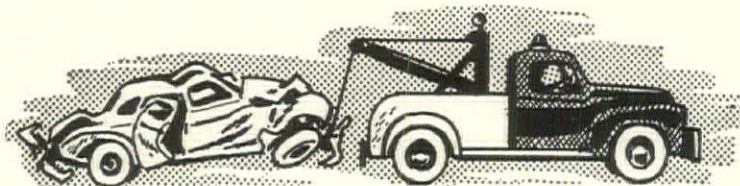
**Highway Safety STARTS with YOU!**

## **C. L. THOMPSON TRANSFER AND STORAGE, INC.**

3110 Tenth Street North

ARLINGTON, VIRGINIA

**DRIVE CAREFULLY . . . Don't Let This Be YOU!**



*Sponsored in the interest of Highway Safety By—*

**NOTTINGHAM HAULING COMPANY, INC.**

1100 Saint Julian Avenue, Norfolk 4, Virginia

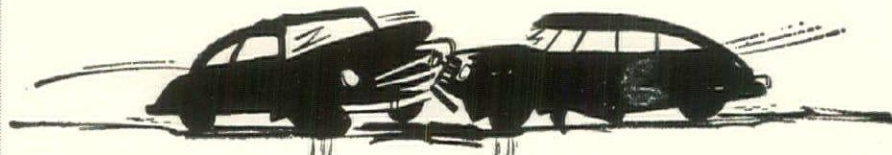
## **J. W. ATWELL** **Builder and Developer**

**"Grandview Shores"**

Phone 3-8909

HAMPTON, VIRGINIA

**SLOW DOWN AND LIVE!**



**WILSON TRUCKING CORPORATION**

Waynesboro, Virginia

eral sales manager, according to **A. H. McDowell, Jr.**, president of the company. . . . **Franklin P. Iams** has been appointed administrator of the new Fairfax Hospital, as announced by **Donald E. Ball**, chairman of the board of trustees. Iams is the present administrator of the 400 bed University Hospital at Bellevue Medical Center, New York City. . . . Members of Blue Ridge Clearing House Association recently elected as chairman **Calvin G. Elder**, ex vice-president and cashier, Farmers Bank of Amherst. Serving with him will be **William W. Burke**, president of the Bank of Appomattox, vice-chairman, and **Everett B. Howerton**, vice-

## **Carver & Davis** **Construction** **Co., Inc.**

**General**  
**Building**  
**Contractors**

New Location

1609 Duke Street

ALEXANDRIA, VIRGINIA

## **R. M. Leighton**

**General**  
**Contractor**

RESIDENTIAL &  
COMMERCIAL

Phone EVergreen 2-3641

Wimmer Bldg.

CHRISTIANSBURG, VIRGINIA



president Peoples National Bank and Trust Co., Lynchburg, secretary and treasurer. . . .

**W. C. King** is the new buyer for the Kingan and Company's yard recently opened at Wakefield. . . . **Hugh Bond**, of Bedford, was elected vice president of Region VIII, Virginia Junior Chamber of Commerce, during the region's convention held at Lynchburg recently. . . . **Hon. G. E. (Fritz) Heller** has been endorsed by the Board—Canady Post 54, American Legion of Bedford for the office of Commander of the American Legion Department of Virginia. . . . **Dan E. Carter**, of the Vir-

## Joe S. Tugwell

*General Building  
Contractor*

EXport 3-1375

412 Kay Road

PORTSMOUTH, VIRGINIA

## J. W. TRADER

*General  
Building  
and  
Concrete  
Construction*

GREENWOOD 2-2412

COLES POINT, VIRGINIA

and

Relocation Office in

MATHEWS, VIRGINIA

## T. B. Tinsley

PLUMBING AND HEATING  
CONTRACTORS

EMerson 4-4551

MARSHALL, VIRGINIA

## Smither & Co., Inc.

3250 Kay St., N.W.

WASHINGTON, D. C.



State Office Building, Richmond, Va., Architect: Merrill C. Lee

## VIRGINIA takes the long view!

VMP Mobilwalls make future rearrangements easy and thrifty in Virginia's new State Office Building.

Today, its executive offices, work areas, corridors and reception centers fit 1958 requirements. Yet when needs change in this nerve center of fast-developing Virginia, VMP Mobilwalls can be rearranged at small cost, almost overnight. And they'll keep their rugged beauty through many changes!

"Grow as you go!" VMP Mobilwalls make that a thoroughly practical plan for Virginia's sleek, modern State Office Building just off Capitol Square, Richmond.

Find out about VMP Mobilwalls for your new offices . . . school . . . plant . . . laboratory now.

**VMP**  
**MOBILWALLS**

Virginia Metal Products, Inc.  
Orange, Virginia

In the last two years, 19 of America's  
20 largest corporations installed  
VMP Mobilwalls.



ginia Game and Inland Fisheries, has been employed by Virginia Forests, Inc., to succeed **Bradford T. Dempsey**, resigned. Carter will be managing editor of Virginia Forests' magazine. . . . **Brent Remsburg**, town engineer

of South Boston, has been appointed Vienna's first town manager, said **Mayor J. Barry Trout**, of Vienna. . . . **Marvin Linton** has succeeded **W. B. Bounds** as manager of Lexington's Newberry's store. Mr. Bounds is being

transferred to Newberry's larger store in Waynesboro. Mr. Linton comes to Lexington from Hagerstown, Maryland. . . .

**G. L. Furr**, vice president and general manager of Appalachian Power Company has been elected president of Southeastern Electric Exchange, an association of 26 electric utilities serving the Southeastern portion of the United States. Mr. Furr is rector of the Board of Visitors of Virginia Polytechnic Institute at Blacksburg. . . . **Raymond Fulton** has been named Esso distributor for the Wytheville area, operating as the Esso Wythe Fuel Service. Fulton will have as active partners **Russell L. Williams** and **Earl D. Brannock**. Mr. Fulton is the senior partner of Wytheville Motor Company. . . . **Leroy Shulman, Jr.**, is president of Shulman and Co., Inc., Norfolk, which has been named Brand Name Retailer of the Year in competition with other men's wear stores throughout the country. . . .

**Thomas S. Temple** has succeeded **J. R. Pope**, acting director of buildings and grounds for the Medical College of Virginia, since the resignation of director **Donald L. Rogers** who has taken a place with a Richmond school equipment firm. Temple takes the director's post June 1. . . . **Meade McMillen**, formerly Richmond general agent for Mutual Benefit Life Insurance Co., has been elected first vice-president and director of agencies of First Colony Life Insurance Co., of Lynchburg.



## COMMERCIAL SPECIALISTS

### Snyder's Plumbing and Heating Co.

*"We Install & Service Virginia"*

Phone WHitehall 2-8617

221 James St.

P. O. Box 2116

WAYNESBORO, VIRGINIA

## W. O. THOMAS COMPANY

*Heating and Air Conditioning*

MAdison 2-3982

1810 Brambleton Avenue

NORFOLK, VIRGINIA

## DODD BROTHERS, Inc.

*Plastering and Dry-Wall Contractors*

P. O. Box 251

Phone DA 5-8810

FALLS CHURCH, VIRGINIA

Also Call DU 5-9434

Vienna, Virginia

## J. ROLAND DASHIELL & SONS

*General Building Contractors*

SALISBURY, MARYLAND

## R. K. STEWART & SON

*General Building  
Contractor*

1519 South Main St.

HIGH POINT, N. C.



## HISTORIC FORT MONROE

(Continued from  
page 7)



FORTRESS MONROE, OLD POINT COMFORT AND HYGEIA HOTEL, VA

dience at the old Hygeia Hotel, a few months before his death.

Another Virginian, Lieutenant R. E. Lee, newly out of West Point, began a tour of duty at the fort in 1831. He was married there to the great-granddaughter of Martha Washington, and their first child was born in a house still standing. The work on the fort was completed by Lee, in 1834, and this is a significant point: not one of the three fortified places which Lee worked on—Charleston, Richmond, and Fort Monroe—fell to an enemy during the Civil War. Lee's engineering knowledge of Fort Monroe made

him certain that the Confederates could not take it, and the vital site remained a knife in the side of the Confederacy during the four years of the war.

Perhaps because the fort, so perfectly designed for its stage of warfare, remained in the possession of the enemy, Virginians have understandably been something less than enthusiastic about its significance during the war. As a matter of fact, perhaps because the fort was in Virginia, national historians have made relatively little of its dramatic role.

The only truly important installation

retained by the Union forces in Confederate territory, Fort Monroe not only deprived Virginia of a protection for its inland waterways but served as the base for a number of crucial amphibious operations. Because the Confederates did not control Fort Monroe, they could not hold the lower Peninsula nor Norfolk and its important area. Because the Federals held Fort Monroe, they controlled the James and the York Rivers, and from the base were launched the successful operations against Port Royal, S. C., and Roanoke Island, N. C., that provided the needed naval bases to make the Union blockade a reality.

### W. M. BOWMAN, Electrical Contractor

Phone RE 2-6881

W. Washington St. Extension

PETERSBURG, VIRGINIA



### LILIAN LUMBER COMPANY

Telephone Glenview 3-4511

Everything for the Builder

RICHARD H. HINTON

On the Great Wicomico River

LILIAN, VA.



## Mount Airy Granite

Architects know Mount Airy Granite gives a building permanent beauty and durable dignity. Its uniformity of texture and distinctive grey coloring makes Mount Airy Granite adaptable to unlimited design opportunities in any type of building.

*We solicit the opportunity to serve you.*

### J. D. Sargent Granite Company

MOUNT AIRY, NORTH CAROLINA

*Member, Painting and Decorating Contractors of America*

### S. P. TERRY

INDUSTRIAL — COMMERCIAL — RESIDENTIAL  
PAINTING AND DECORATING  
IN ALL ITS BRANCHES

Phone  
BELmont  
2-5663  
Richmond

*Brush or Spray Painting*  
*Sand Blasting*

517  
West  
Seventh  
Street

Painters and Decorators for State Office Building (See page 16)

## H. F. BROWN & CO.

*"For Better Plumbing"*

PLUMBING and HEATING CONTRACTOR

*Residential and Commercial*

Phone MA 7-6082

NORFOLK, VA.

304 West 25th St.

## J. R. CAMPBELL & SONS

*Building Contractors*

RESIDENTIAL • COMMERCIAL • INDUSTRIAL

2210 Berkley Ave., S.W.

Tel. DI 3-1992

ROANOKE, VA.

## PIONEER FIREPROOF DOOR CORP.

MOUNT VERNON, NEW YORK

SUPPLIES OF METAL DOORS AND FRAMES

FOR THE NEW STATE OFFICE BUILDING

From the Chamberlin Hotel today, you can look down on the (re-built) wharf where McClellan landed his 100,000 plus men in the beginning of the only imaginative plan ever designed for the capture of Richmond. As a forerunner of the experimental work the army is doing today at the fort, when McClellan was there the first tri-service warfare (land, sea, air) in history was introduced. With the US Navy supporting McClellan's land-masses, an observation balloon was launched from a ship—in a curiously ignored preview of modern war.

Trying to nullify the fort they could not take, the Confederates launched the world's first ironclad—the *Merri-mac-Virginia*—in order to hold the wooden ships of the US Navy at their base. But a Swedish inventor had managed to prevail over Washington's naval brass of that day and come up with a rival ironclad, the *Monitor*. The two sea-monsters—quite as terrifying in their day as is the thought of intercontinental missiles in ours—fought it out to a tactical draw, which amounted to a strategic loss for the Confederacy, before McClellan's awed foot-soldiers in the fort.

Later, in the climatic year of 1864, the base of the fort made it possible for Butler to attack the Richmond area south of the James, simultaneous with Grant's attack from the North, and also to make safe Grant's crossing of the James to join Butler. In summary, the loss of Fort Monroe on the Confederacy's border enabled the

## NORTHSIDE ELECTRIC COMPANY

*Electrical  
Contractors*

for

Beth Shalom Home of Virginia, page 34.  
U. D. C. Headquarters Building, page 19.



CHAPEL  
OF THE  
CENTURION



enemy to operate more effectively within the defender's territory than did the defender.

It was after the fighting phase of the Civil War and during the Occupation that the fort occupied the historical place for which it is generally most known today. This was as the prison of Jefferson Davis. The Confederate president, of course, had nothing to do with the assassination of Lincoln (indeed, Davis regarded Lincoln's death as a calamity), and it is not likely that the Reconstruction powers in Washington seriously believed that he did. But they were a vindictive, conscienceless crew, and Davis was a handy victim on whom they could pin the crime. Or, in another way, Lincoln's murder was a handy crime to pin on Davis. In any event, shackled with leg-irons like a dangerous felon, the sickly man in his late fifties was imprisoned in one of the fort's casemates.

A casemate is a passageway one-room wide and two-rooms deep that runs under the ramparts, at ground level, from the outer walls of the fort to the inner walls facing the parade ground. The entrance to the casemate from the interior of the fort presents a pleasing facade of white-paneled door and two windows in a redbrick wall that suggests an interior of a romantic nineteenth century atmosphere—which indeed, under some circumstances, it contained.

Inside the apartment is divided into

two rooms by a broad chimney, with fireplaces front and back, and an arched doorway on either side. The room to the outside is walled by the thick masonry of the fort's exterior, which is cut through by a narrow window. This window overlooks the wide moat of tidal water, and the high, sloping face of the wall on the far side of the moat.

Generally the casemates were used for the storage of armaments and ammunition, and served as bachelor officer-quarters; in the event of a close-up attack from an enemy land-force, the outer windows would serve as gun embrasures. In all ways, the casemates were utilitarian and, though damp, in some ways quite cozy. For the unfortunate gentleman who had served as president of the Confederacy, Casemate #2 was in his day a cell in which a man of honor paid the price of a principle and is in our day a grim reminder of the hate and vengefulness involved in the internecine war that too frequently comes across to us as a humanitarian crusade.

When Mr. Davis was imprisoned in the outer room, facing the sixty-foot wide moat and the waters of the bay beyond, the casemate was stripped down to an iron bunk, a table and a chair, and a portable stool-closet. A candle burned on the table all night. Two sentries remained in the room at all hours, two more guarded the doorways between the rooms, and an officer remained in the inside room with

orders to check the desperate criminal every fifteen minutes.

The door to the outside was locked on the outside, where a row of sentries stood ready to repel any effort to effect the former president's escape. Another row paraded up and down on the ramparts over his head, and a third row was posted across the moat on the counterscarps facing the casemate. With the heavy guns on the ramparts, the array looked as if the Reconstruction government expected the ghosts of Lee's army to arise and re-begin the war; indeed, if Lee had had as many healthy men at Appomattox, the war might not have ended.

Ill and despondent when committed in May, 1865, anxious about his wife and children, Jefferson Davis nevertheless put on a brave front. Mr. Davis' formal dignity was offensive to General Miles, a young war hero who was placed in charge of the "desperado," and he did his part toward the restoration of the Union by placing leg-irons on the man whose pride would not break and subjecting him to physical indignities that, if continuing, would doubtless have resulted in the prisoner's death.

Fortunately for the honor of the U. S., the Chief Medical Officer at Fort Monroe happened to be first of all a dedicated physician and, along with his humanitarianism, a man of historic perspective. Dr. John Joseph Craven, of Newark, New Jersey, had crowded a wide variety of experiences



## **SYDNOR PUMP and WELL CO., Inc.**

*"Established 1889"*

WELL DRILLING — PUMPS — WATER AND SEWAGE  
SYSTEM EQUIPMENT

P. O. Box 1476

Phone Milton 3-2725

**RICHMOND, VIRGINIA**

## **WHITENER & SKILLMAN**

*General Contractors*

Specializing in Federal, State and  
Municipal Government Projects in  
the Metropolitan Washington Area

4915 34th St.

Phone KEnmore 6-6666

**ARLINGTON, VIRGINIA**

## **LEWIS A. SUBLETT** *General Building Contractor*

Phone 325-J

183 Frazier Road

**WARRENTON, VIRGINIA**

## **CHARLES W. BARGER & SON**

*General Contractors*

Phone Hobart 3-2106

**LEXINGTON, VIRGINIA**

## **ADAMS ELECTRIC COMPANY**

*Electrical Contractors*



**REIDSVILLE, NORTH CAROLINA**



into his forty-three years, and, as only a war-time colonel, he was more interested in the physical and mental health of the former president than in pleasing his military superiors. In fact, he pleased them so little that in December, 1865, he was taken off the case and a month later mustered out of service.

However, his six months with the famous patient led to the restoration of Mr. Davis' health and ultimately to a greater freedom and more humane treatment for the prisoner. Jefferson Davis was moved from the damp casemate to more congenial quarters in Carroll Hall, where his wife was later permitted to join him. His ultimate release two years later, when the most cruel enemies of the fallen South could no longer sustain the illusion of a "case" against him, was unrelated to Dr. Craven, but to the diary of this courageous Northerner we are indebted for the insights of the prison life of Jefferson Davis.

An inveterate reader, he was permitted only the Episcopal Prayer Book until Dr. Craven obtained books for him. Accustomed to exercise and eager to regain his health, he could take only the few steps back and forth across his cell under the cold eyes of the sentries. For companionship, he tamed a mouse. It is a sad story, recounted by one man of moral courage of another, and true humanity was exchanged in Casemate #2 between gentlemen who shared a respect for the inviolable dignity of the spirit across all lines.

## **BRUNSWICK LUMBER CO., Inc.**



**ALBERTA, VIRGINIA**



Today from the Chamberlin (successor to the old Hygeia), you walk a romantic foot-path where Poe might have walked, cross the tidal waters of the moat on a foot-bridge in the section where young Lieutenant Lee worked on the escarpments, pass through an open casemate to the inside of the fort, facing the parade-ground and quarters—where Lincoln and Grant walked, as well as Lee and Davis—and you come to the vine-covered casemate which contained the ghost of the Confederate dream.

You feel the presence of the past there, not as something remotely remembered but, as the officers there now feel it, as the continuity of time and the overlapping of generations. One of the army commissioners who worked with General Bernard in 1819 was Col. Walker Armistead, whose son, General Lewis Armistead, was mortally wounded at the crest of Pickett's Charge. George Pickett himself, as a young captain, was reading under a beach umbrella on the sand when seen by the girl who fell in love with and later married him.

In its more strictly military history as a fort, the first artillery school was established there in 1824 and continued, with interruptions, until supplanted by the Coast Artillery School, established in 1907. To those of us who remember Sunday School picnics to nearby Buckroe Beach in the innocent years of the century, Fort Monroe is probably most remembered for the Coast Artillery, whose big guns in target practice thrilled the children. It was not until 1946 that the Coast Ar-

tillery School was moved to provide a place for—what was then called—the Army Ground Forces Headquarters.

It was also around this time that the post office was finally prevailed upon to follow an army directive of 1832 making the name officially Fort Monroe, and not as usually called Fortress Monroe. Apparently, so the army people say, a fortress is a fortified civilian community. Fort or fortress, the post was always liked by army personnel, from Lee to the cluster of general officers who plan our continental safety today on the same spot where a few

men stood 350 years for the same purpose.

With summer coming and the open season for trips, there is no more enchanting spot than this area that used to be generally called Old Point Comfort. Looking out on the waters where the three ships that landed at Jamestown sailed into Hampton Roads, you stand where the origins of America cross with the pattern of tomorrow—and you feel a sense of that historic perspective that places our moment on earth in the comforting stream of God's time.

**By Service, We Mean . . .**

**Q. D.** \*

and

**Q. P.** \*\*

\*Quick Delivery. Our trucks are often on the road minutes after we get your order. We pride ourselves on fast, efficient service.

\*\*Quality Product. Whether it's sand and gravel for masonry, plaster, septic tanks, concrete or highway, West's is washed, screened and uniformly graded.

**...go WEST for the BEST!**



2801 Rady Street • Richmond, Va.  
MI 8-8307

## **Augusta Military Academy**

"The Friendly School." Distinguished ROTC school in Shenandoah Valley. Jr. & Sr. Divisions. Boys 8-20. Accredited; graduates in leading colleges. All sports—pool, gym. 1400 acres. Family owned since 1742. Rate \$1250. Catalog.

COL. C. S. ROLLER

Box R

FT. DEFIANCE, VA.

Founded 1742 as Augusta Academy;  
Changed to Augusta Military  
Academy, 1857

*You'll Like The Jefferson for So Many Reasons*



The convenience of its 2 acres of adjacent free parking, its ideal location, superb food, old south charm and modern conveniences — Air-Conditioning and TV.

**The JEFFERSON Hotel**  
RICHMOND, VIRGINIA

JAMES M. POWELL  
Managing Director



*Fast Freight & Moving*

## CREWE TRANSFER

CREWE, VIRGINIA

John L. Fanshaw, Jr.

P. O. Box 33-A

## Worley Transfer Company

Phone SW 3-6541

600 Bridge St.

DANVILLE, VIRGINIA

## Abbott's Bus Lines

*Service Between*

Roanoke, Va.—Newcastle, Va.  
Martinsville—Blacksburg, Va.

*Charter Work*

Phones DI 3-1133 and DI 2-2766

ROANOKE, VIRGINIA

**LITTLE  
MISTAKES  
CAN  
MAKE  
BIG  
ACCIDENTS**

NATIONAL SAFETY COUNCIL

Turner's Express, Inc.

300 Shelton Avenue  
NORFOLK, VIRGINIA

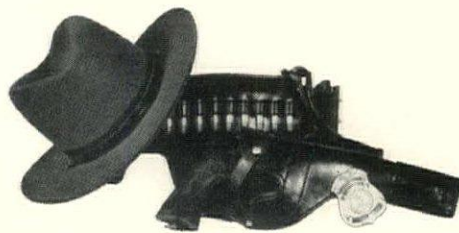
## THE STATE POLICE STORY

(Continued from page 13)

unnoticed with a civilian.

When he halts a car in violation, he cannot approach the driver with drawn revolver yet he can expect to face one, for he has no way of knowing whether he has stopped a respectable citizen who has been observed in a traffic violation or a desperate fleeing felon.

He must listen courteously to the excuses of tourists who compare him unfavorably with the police of *their* states. He must instantly sense the advisability of a warning, a summons or an arrest. He must be an aid to stranded motorists and an information center. He must contend with drinking or drunken drivers and pedestrians and often encounters unusual situations.



The first step in standard traffic-arrest procedure, after the violator's car has been halted, is a polite request for his operator's license and registration card. After this, the violator is always referred to as "Mr.," "Mrs." or "Miss" preceding the surname. If all is in order, the trooper informs the driver of the violation observed and listens politely to anything he might have to say in denial or mitigation. There is no place for ponderous repartee or sarcasm. If he feels the violation is not too serious under the circumstances, he may give a warning. Otherwise a summons is issued or an arrest made, whichever is appropriate. In the case of one with a resident license, he may issue a summons. If the violator is not a resident and court is not convenient and sitting, he must be taken before a justice of the peace or other judicial officer for bail, as extradition is well-nigh impossible and certainly most impractical in traffic cases. A justice of the peace is not a judge and can only set bail or, in lieu,

**BACK THE ATTACK  
ON TRAFFIC ACCIDENTS**

## Meadows Transfer Co.

900 Kratzer Road

HARRISONBURG, VA.

## SIMPSON TRANSFER & STORAGE CORP.

2401-11 Granby Street

NORFOLK, VIRGINIA

Phones MA 2-2878 & MA 2-0366



**DRIVE CAREFULLY! THE LIFE  
YOU SAVE MAY BE YOUR OWN!**

**T. W. Mayton  
Transfer Co.,  
Inc.**

252 E. Bank St.  
Petersburg, Va.

## TOM FROST

WARRENTON, VIRGINIA

**Be Careful—the life you save ~~may~~ will be your own!**



**BLANTON TRUCKING CO.**

MILFORD, VIRGINIA





remand a person to jail. However, many non-residents misunderstand this required procedure and convince themselves that they have undergone trial and been fined.

It is understandably hard on a tourist to face the alternative of forfeiting bail or returning for trial from a long distance and at great inconvenience. But what is the alternative? Justices of the peace have not had the power of trying cases in Virginia since 1934. It is also obvious that courts cannot operate on a 24-hour basis nor can they be placed at convenient intervals along the road. About all that can be said is that our highways are plainly marked as to speed limits, and the various forms of reckless driving, as well as drunken driving, are very much the same everywhere.

For his services, a justice is paid a very small fee for accepting a bail bond or writing a warrant. The trooper and judge receive only their salaries and proceeds from fines are paid into the state literary fund. There is no "arrest quota" for the state trooper and many people, some of national prominence, have found it very poor business to attempt to sway him in the performance of his duty.

Perhaps the most disheartening phase of the trooper's work is the evident public apathy towards the present traffic slaughter. He sees first hand the carnage wrought by drinking drivers, inept drivers, deliberate violators and those who violate through inattention. It is all the same to the traffic victim—he dies because someone didn't handle his car properly. Yet the trooper who arrests the perpetrator often sees him thereafter treated with impunity. Officials and public-spirited citizens feel that if a driver *can't* drive properly he should be ruled instantly off the road and that if he *won't* drive properly he should be severely punished **and** ruled off the road. The general public obviously doesn't agree, or haven't seen the need for this, or we would not experience about 900 traffic

deaths in Virginia each year.

Although approximately 98 percent of the arrests made by the state police are connected in some manner with the highway, many people feel troopers should be limited strictly to traffic duties. Such restriction, even though the offense might occur on a highway, could cause embarrassing situations to arise, often with serious consequences, since a trooper could not arrest an escaped convict, the driver of a stolen car or perpetrators of some other crimes, as long as no traffic law was broken. Many calls from those in distress would have to go unanswered and citizens would not understand and would become indignant when a well-equipped, trained and uniformed trooper would be required to stand idly by since the trouble did not concern a traffic situation.

From time to time, well meaning citizens advocate auxiliary police and offer their services. They do not, however, consider several points. For each arrest there must be an appearance in court and courts cannot be operated to suit their convenience. It could be disastrous for an untrained man to handle a case of resisted arrest. Drivers could complain, with some justification, that they did not know the person attempting to halt them had police power and that they thought he might be a robber or a hijacker. Personal feelings would be assigned by arrestees. Finally, the public simply would build up an unsurmountable resentment against arrests by civilians.

Let there be a sudden rash of traffic deaths and the public clamor arises as to why the State Police don't do something about it and why does one *never* see a state trooper on the road (note: 145,103 persons accused of traffic violations saw troopers on the road last year, to say nothing of those warned or aided.)

Any traffic program rests not only upon enforcement but upon engineering and education and all depend di-

rectly upon public support and acceptance. Enforcement depends not only upon proper police action but upon intelligent laws to enforce and realistic court action which will enable the Commissioner of Motor Vehicles to administer the penalties with which he is empowered by law.

Ticket fixing is unknown among the state police. Each officer is issued serially numbered blank summonses and must account for each. Immediately upon termination of his daily patrol, he must forward copies of all summonses written and reports of arrests to Administrative Headquarters. Not only does this permit a quick check

*National* **CUSTODIAL** *Service*

RICHMOND  VIRGINIA

*A Complete Janitor Service  
for*

INDUSTRIAL • COMMERCIAL  
INSTITUTIONAL  
BUILDINGS

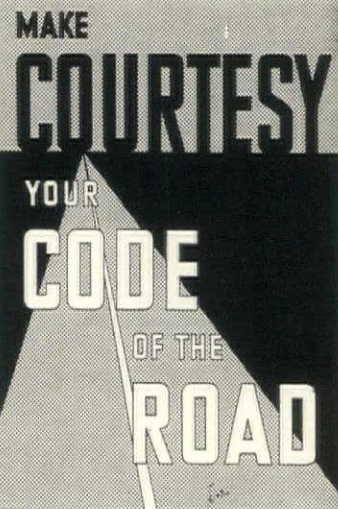
All Employees Bonded and Insured

Dial MI 4-7265

F. W. BUCKLEY, *Manager*

P. O. Box 227

RICHMOND, VA.



**R. D. Stewart Transport**  
PETROLEUM CARRIER

810 Wilson Road

Norfolk, Va.



## **TILLMAN TRANSFER & STORAGE**

REASONABLE RATES • INSURED SERVICE

*Moving and Storage  
Long or Small Jobs*

Located 3 Blocks from Shirley Shopping Center

2701 South Oakland

ARLINGTON, VIRGINIA

## **CORNELL BUS LINE**

Passenger Service Between  
Charlottesville, Va., and Fredericksburg, Va.

JAMES R. CORNELL, Mgr.

403 E. Water Street

Phone 2-9181

CHARLOTTESVILLE, VIRGINIA

## **Independent Livery Passenger Service**

HOT SPRINGS TO COVINGTON, VA.

*Private Limousine Service—Sight-Seeing Tours*

HOT SPRINGS, VIRGINIA

C. C. CRISER, Pres.

## **Faulconer Construction Co.**

*Grading—Heavy Construction*

*Bridges A Specialty*

Dial 2-5239

CHARLOTTESVILLE, VIRGINIA

## **BLAIR TOBACCO STORAGE**

— A N D —

## **BLAIR TRANSIT CO.**

*Pioneer Tobacco Truckers*

60,000 HOGSHEAD STORAGE

RICHMOND, VIRGINIA

on all summonses issued and arrests made but provides a means of eliminating undue pressure and pleading since a copy must be presented to the court.

There are about 50,000 miles of highways in Virginia to be patrolled. Allowing for sick leave, vacation, normal day off-duty time, court appearances and investigations, the troopers do a good job of law enforcement and stay on the road as much as possible. In time of need, one can usually be made available in very short time.

In enlisting the aid of a trooper, people should realize that a traffic violation is usually classified as a simple misdemeanor and an officer cannot arrest without a warrant unless he views the offense. There is one Virginia exception to this rule which permits an officer to arrest at the scene of a crash when his investigation indicates reasonable possibility of an offense, although he did not witness it. Thus a trooper can do nothing when a citizen who has viewed a traffic offense requests an arrest, even though he may have obtained the license number. The complainant, however, can obtain a warrant if the identity of the violator is known and the trooper will execute it.

The trooper checks operators' licenses and registrations, investigates for violations of the Motor Carriers' Act, tests safety devices, seeks to identify drivers for whom capii might have been issued for failure to pay previously assessed fines, enforces weight and dimension laws and regulates traffic. He also works on stolen car and hit-and-run cases which sometimes may require months or even years to solve.

The Department of State Police administers the state system of periodic

## **FIELDS TAXI**

310 Ivy Ave.

BUENA VISTA, VA.

Phone 4782



motor vehicle inspection. Troopers are assigned areas within which they personally supervise and assist the official stations. They also make the necessary investigations in appointing stations, certifying participating mechanics and evaluating complaints.

Other troopers administer behind-the-wheel tests to certify teachers who instruct high school driver training classes.

The Department of State Police gives the Commonwealth a highly trained, well-equipped body of men into whom is drilled the teaching that they are public servants and not bullies

## MONTGOMERY INCORPORATED

*Concrete Contractors*



Phone Jackson 5-3310

Box 7032

1518 N. Quincy

ARLINGTON, VIRGINIA

## CITIZENS BANK OF POQUOSON

ODD, VA.

Member Federal Deposit  
Insurance Corp.

Member Federal Reserve System

## TRI CITY COACHES, INC.

H. D. BROWN, *Pres.*

Phone RE 3-8381

PETERSBURG, VIRGINIA

## McAMIS BROTHERS

*General Contractors*

ROAD CONSTRUCTION  
AND  
EXCAVATING

Phone Yukon 8-6124

NORTH TAZEWELL, VA.

*This student body  
has a message for YOU*



**The message is simply this:** your help is needed to halt the slaughter that last year saw nearly 120,000 school-age children injured or killed in traffic accidents.

You CAN help . . . by driving slowly, alertly, carefully near schools. Always remember—the way you drive may keep a child alive.



**Be careful—the child you save may be your own!**

Sponsored in the interest of child safety by

**Virginia-Carolina Freight Lines, Inc.**

MARTINSVILLE, VIRGINIA



**SAM MOORE  
CHAIRS, INC.**

**MOORE  
OF BEDFORD**

DESIGNERS  
AND  
MANUFACTURERS

Christiansburg, Va.

Bedford, Va.



### **Perfect Balance**

SMALL enough to give prompt personalized service.

BIG enough to supply technical "know how"  
and assured supply.

LEADING Independent Virginia Supplier of Kerosene,  
No. 2, No. 4, No. 5 and No. 6 Fuel Oil.

### **PETROLEUM MARKETERS, INC.**

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

R. G. ROOP, *President*

H. GODWIN JONES, *Vice President*

LUCIUS F. CARY, JR., *Vice President and Sales Manager*

or oppressors. They are charged with the preservation of life and property and their goal is the prevention of violations of the law rather than corrective measures after they have happened. A trooper is glad to be able to be of assistance to motorists or others in distress and frequently may go beyond the call of duty to do so.

Arrest is never a pleasant experience for anyone but one arrested by the State Police can expect reasonable, polite and impartial treatment. Members at times find it necessary to be firm with those persons with resentful attitudes who do not desire to accept courtesies which are afforded them. Unpleasantness is entirely dependent upon the arrestee's behavior.

The police profession has come a long way since the old "billy and badge" days and present police work requires top efficiency; familiarity with all modern methods and scientific aids used in combatting crime; an ability to deal firmly yet reasonably and politely with the public, both liking and aptitude for police work and a realization of the importance of cooperating wholeheartedly with other law enforcement agencies.

In return, the police officer should receive a liveable wage, job security, freedom from political influence, generous sick leave and vacation, a reasonable measure of injury and death coverage and the best possible working conditions.

The picture could be improved but by comparable standards the trooper's position is very good and he can be proud to be associated with an organization which has a long reputation for not countenancing scandal, corruption, inefficiency or brutality.

It is an organization that is steadily moving forward and upon which Virginians can well look with satisfaction and admiration.

2

## **Virginia Telephone & Telegraph Company**

VIRGINIA'S LARGEST INDEPENDENT TELEPHONE COMPANY

*Serving 27 of Virginia's Fastest Growing Communities in the Northern,  
Central, and Southside Sections of the Old Dominion Since 1931*

26 Exchanges

Serving Approximately 43,000 Company Owned Telephones

"DEDICATED TO PUBLIC SERVICE"



MODERN WEATHERPROOF *Plastik-Ply* SIGNS BY...

# CRUMP

A SIGN OF GOOD TASTE for stores, banks, government buildings, schools, general offices, plants. And at amazingly low cost, too! BOIL IT! SOAK IT! FREEZE IT! DRY IT! Tough Plastic-Ply letters shrug off the effects of bad weather . . . last the life of your building.

ALL MATERIALS FURNISHED for quick, easy

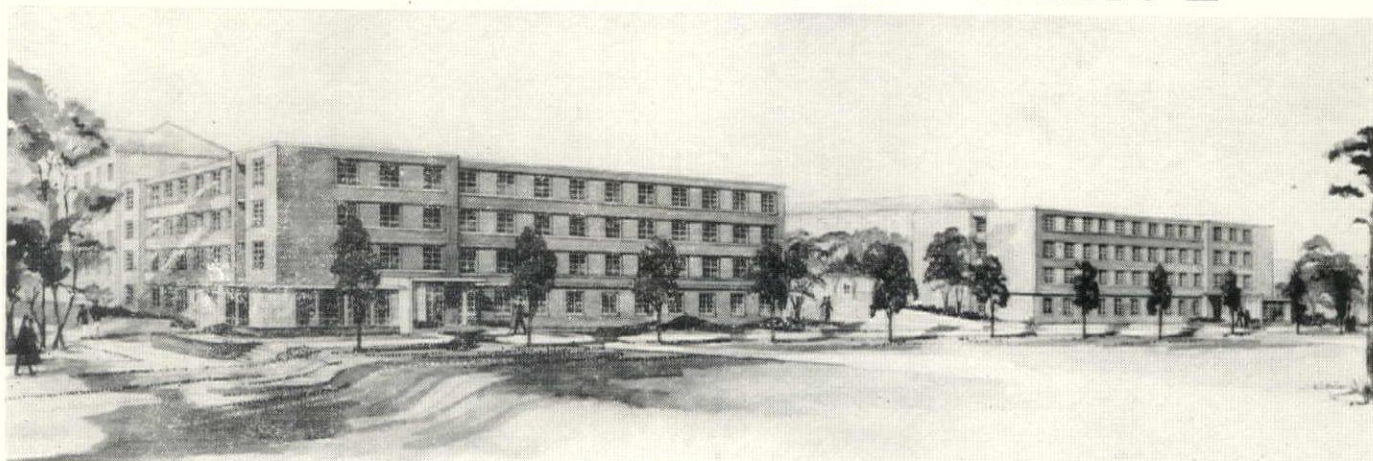
installation. Track mounted, free standing, or individually mounted letters. Choose from BROADWAY, COLONIAL, or MODERN style letters. Or have special lettering custom made!

Write for the *Plastik-Ply* catalog:

B. T. **CRUMP COMPANY, INC.**

1310 E. Franklin St., Richmond, Va.

## A. L. PARRIS COMPANY



VPI Dormitory Group—Masonry by A. L. Parris Company

### MASONRY CONTRACTOR

State Registration #3522

*"No Job Too Large"*

*"Equipped To Go Anywhere—Anytime"*

COMPARE OUR WORK WITH ALL THE REST

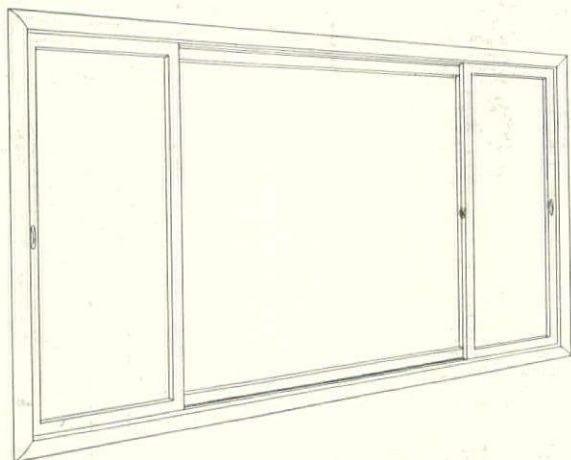
520 COLORADO ST.

Phone DU 9-2517

SALEM, VA.



# 3 NEW WINDOW DESIGNS FOR TODAY'S BUILDERS

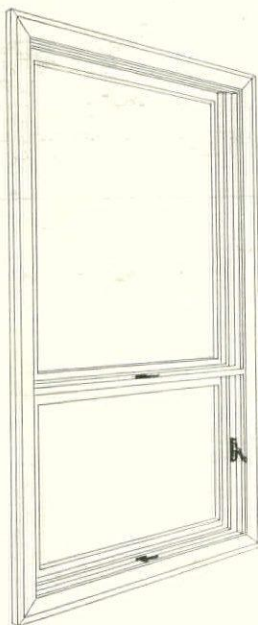


## DEPENDABLE, TIME TESTED FEATURES AND CONSTRUCTION

Here they are — three new window unit designs in the MW line to suit every taste and meet every need for modern windows of general or special purpose. Let your customers see them and they'll sell themselves. Here is style to suit the most exacting taste — and quality, at reasonable prices, too!

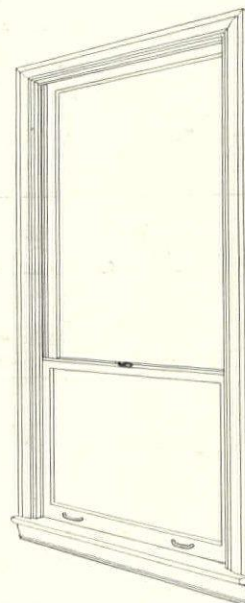
### TRIPLE GLIDING

These R•O•W wood window units are designed for smooth horizontal operation in conventional and picture window proportions. The three full-light sash are removable for easy cleaning and painting. A beauty in modern design.



### AIR-LITE

Vent-A-Wall Air-Lite window units give picture window beauty with venting openings. These complete, double weather-stripped units accent the lines of today's architecture. Sash are removable for savings during construction and to facilitate complete painting.



### LIF-T-VUE

Lif-T-Vue R•O•W window units with Lif-T-Lox balances are especially designed to keep pace with the advances of modern architecture . . . in picture window beauty, in removable window utility and adaptability to every window need in every room in the house. Truly, here is a new idea in windows!

*These three new designs are in addition to our regular window units and our complete line of builders' supplies.*

MANUFACTURED BY

**MW**

*Distributors*

MANUFACTURERS OF MILLWORK • DISTRIBUTORS OF BUILDERS SUPPLIES

Rocky Mount, Virginia



## **BOB VRANICH, Inc.**

***Plumbing & Heating Contractors***

1634 King Street

Alexandria, Virginia

## **GLIDEWELL BROTHERS**

*Painters*

8 North Belmont Ave.

Phone EL 3-8464

RICHMOND, VIRGINIA

## **Andrews Electric Service**

Maintenance and Construction

Heating and Air Conditioning

TELEPHONE 2220

309 New Street

**LAWRENCEVILLE, VIRGINIA**

## **Harry M. Surratt**

*General*

*Building*

*Contracting*

Phone Park 6-2280

NARROWS, VIRGINIA

## **Virginia Steel Company, Inc.**

RICHMOND, VIRGINIA

GENERAL OFFICE:  
3122 WEST CARY STREET  
PHONE EL 9-5741

PLANT AND WAREHOUSE  
WESTWOOD AVE., and R. F. & P. R. R.  
PHONE EL 5-7431

Plants: RICHMOND, VA. • BIRMINGHAM, ALA. • MIAMI, FLA.

**REINFORCING STEEL BARS FOR CONCRETE CONSTRUCTION  
OPEN WEB STEEL JOISTS AND LONGSPAN TRUSSES**

### *Paving Products*

WELDED WIRE MESH  
SIMPLEX WELDED LOAN  
TRANSFER UNIT

### *Lathing Products*

CHANNEL  
CORNERBREAD  
CORNERITE  
LATH

### *Expansion Joint*

ASPHALT  
FIBRE  
CORK

### *Metal Windows*

LUPTON PRODUCTS  
STEEL AND ALUMINUM RESIDENCE  
CASEMENTS  
CASEMENT DOORS  
STEEL CASINGS  
BASEMENT AND UTILITY WINDOWS  
ARCHITECTURAL PROJECTED  
WINDOWS  
COMMERCIAL PROJECTED WINDOWS  
PIVOTED WINDOWS  
SECURITY WINDOWS  
CONTINUOUS WINDOWS  
MECHANICAL OPERATORS

MIAMI AWNING TYPE ALUMINUM WINDOWS  
DOUBLE HUNG ALUMINUM WINDOWS

## **FABRICATED STEEL**

*for  
Buildings  
and  
Bridges*

Phone DI 4-3261

**Roanoke Iron &  
Bridge Works, Inc.**

ROANOKE, VA.



## Building Costs Survey

(Continued from page 15)

scheduled for earlier than eight months delivery and warehouse steel has no fixed price.

THIS MEANS THAT ONLY BY SERIOUS DESIGN STUDY MAY COSTS BE CONTROLLED OR ANTICIPATED. The building of the immediate future must be designed against a rising market unless it is of a type demanding traditional architecture. We must be satisfied with buildings of severe elimination of non-essentials, pure functional design.

NEW MATERIALS must be considered and methods of erection must be studied as part of the design. Owners, architects, engineers and contractors must study together. Fortunately, modern architecture trends in that direction.

THE BUILDING INDUSTRY is not alone, automobiles, ships, locomotives, clothing, airplanes, sewers, sidewalks, bridges and buildings go along together.

YOUNG MEN are not recruited as skilled mechanics rapidly enough to serve the technical requirements of modern building construction. They go into radio, television, automotive, textiles, plastics and do not relish the harder fluctuating construction field.

IN RICHMOND we rejoice in the proposed Toll Road, Seaboard Air Line Offices, Federal Building, shopping centers, in Virginia enormous industrial plants all over the State, housing incident to all of them, so why should we expect a decrease in building costs, it would be unnatural.

IN ADDITION TO THE NORMAL OR PARALLEL increase in the cost of steel, bricks, concrete and other basic items of construction, we are no longer satisfied with a structure of 1913 design. We must have in addition year round air conditioning, acoustical treatment, superior illumination, electrical floor outlets everywhere, automatic elevators, lunch rooms, rest rooms and parking space.

THIS BULLETIN is issued then, not to present a statement on what you may expect costs to be, but to remind us all that we are living in 1955 and not 1913. The building costs have not risen at a steeper angle than others but in the unavoidable reverse ratio to purchasing price of the one ALMIGHTY DOLLAR.

Bulletin of August 20th, 1957

As indicated in previous bulletins, building construction costs vary as consumer and commodity costs and inversely as the purchasing value of the dollar.

Most published information gives RELATIVE costs of components (concrete, brickwork, steel, plaster, paint,

combined into a structure), but they fail to explain why the cost per square foot of today's buildings exceeds so greatly those of years ago.

Suppose we take some representative office building erected in 1913 at a cost of \$2.00 per square foot and apply the August, 1957 Engineering News-Record index of 5.17.  $\$2.00 \times 5.17 = \$10.34$  as today's cost—IF WE REPRODUCED THE 1913 BUILDING, but today's office building is not a reproduction of 1913. Today we must have high-speed elevators or escalators, resilient floors, acoustical treatment on walls and ceilings, high intensity lighting, innumerable electrical equipment outlets with flexible means for changing such outlets at will, inter-communicating telephone systems, year-round ventilation with washed clean air circulated everywhere and automatic control of temperature and humidity. In 1913 the heating and electrical costs were about 12% to 15% of the total, while today it is nearer 40% and such equipment is costly. These refinements must be added to the 1913 reproduction cost and if added at today's prices, would bring the office building cost up to more than \$20.00 per square foot.

Indexes can, therefore, be misleading if considered as anything beyond *relative costs of the same thing*.

Taken from the August 1st, 1957 copy of the Engineering News-Record is an interesting comparison of various published indexes from which the following is prepared:

### J. B. Forehand Co., Inc.

General Building  
Contractor

Forehand Building  
8th and Church Streets

Phone 2-1221

LYNCHBURG, VIRGINIA

Asphalt Paving  
Bituminous Surface Treatments of  
Driveways—Parking Areas—Roads

ENGINEER-  
CONTRACTOR

STATE REGISTRATION No. 911

**Kenneth L. Black**

Plant and Office: 1723 Arlington Rd.

Phone EL 8-5427

RICHMOND, VIRGINIA

See new State Office Building,  
page 16.

### FRITH CONSTRUCTION COMPANY

General Building Contractor

MARTINSVILLE, VIRGINIA

### W. W. MOORE & SONS

ELEVATORS

Sales & Service

Monarch Elevators  
Sedgwick Dumb Waiters

706 Dawn St.  
RICHMOND, VA.  
NORFOLK, VA.

Dial MI 4-2316 Richmond  
Dial JU 3-0164 Norfolk

### J. J. SMITH

General  
Building  
Contractor

Export 7-7624

426 Rockbridge St.

PORTSMOUTH, VIRGINIA



## **Welding Service Company**

*Structural Steel and  
Ornamental Iron Work*

Hilliard Road and  
R.F.&P. R.R. Tracks

Phone CO 6-2465

RICHMOND, VIRGINIA

## **ALFRED T. VEST**

•  
**General  
Building  
Contractor**

•  
4020 South 18th Street

ARLINGTON, VIRGINIA

## **H. H. TYLER**

**General  
Building  
Contractor**



Phone Essex 3-7899

408 Bridgewater

FREDERICKSBURG, VIRGINIA

10.—Provide heat that can be controlled in each room to the individual taste of the resident.

Contributing to the design were Torrence, Dreelin & Associates, Structural Engineers, Emmett L. Simmons & Associates, Mechanical and Electrical Engineers, and Milton Glaser Associates, Decorators.

The day of realization approached as the plans were completed and the contract awarded to J. Kennon Perrin Company. As the building began to take shape, each contractor and subcontractor began to take more and more interest. A sense of accomplishment came over each person, even to the smallest workman, and all worked to add some touch of beauty to the building. Even the owners took renewed interest and funds were raised to furnish rooms that were originally to be left unfurnished.

Through exceptional cooperation between Owners, Architects, Engineers, and Builders, Beth Sholom Home of Virginia became truly a "House of Peace" of which it is so justly named.

Sub-Contractors employed on Beth Sholom Home were as follows:

Masonry, Southern Brick Contractors, Inc.; millwork, Sitterding, Carneal & Davis; toilet partitions, J. S. Archer; folding doors, J. S. Archer; door frames, J. S. Archer; structural steel, Montague-Betts; steel joists, Montague-Betts; roofing & sheet metal, N. W. Martin Bros.; windows—wood and metal, Staley Company; stained glass, John Woody; glass and glazing, Sash, Door & Glass; ceramic tile, Oliva & Lazzuri; resilient floors, W. Morton Northern Company; painting, J. C. Hungerford; cast stone, Economy Cast Stone; plastering, J. A. Wilton, Jr. & Bros.; hardware, Pleasants Hardware; roof deck, J. B. Eurell Company; electrical work, Northside Electric Company; lighting fixtures, Atlantic Electric Company; special lighting fixtures, A. E. Allen, Inc.; plumbing, heating, ventilating, J. W. Bastian Company; nurses call & sound system, Meridian Electronics; kitchen equipment, Richmond Fixture & Equipment Co.; seating, J. H. Pence Co.

## **STRATTON SUPPLY CO., INC.**

WHOLESALE PLUMBING &  
HEATING SUPPLIES

Petersburg, Va.

Rocky Mount, N. C.

## **W. J. TURNER**

**General Building  
Contractor**

P. O. Box 62

Phone MErcury 2-2579

MARTINSVILLE, VIRGINIA

## **NEWSOME Airconditioning Co.**



2714 Virginia Avenue

NEWPORT NEWS, VA.

## **SNOW, JR. AND KING, INC.**

MASONRY  
CONTRACTORS

2415 Church Street

Phone MA 2-2858

NORFOLK 4, VA.

See the Linkhorn Park Elementary  
School, page 24.



# BETH SHOLOM HOME OF VIRGINIA

J. Albert Heisler, A.I.A.—Architect  
J. Kennon Perrin Company—General Contractor  
Torrence, Dreelin & Associates—Structural Engineers  
Emmett L. Simmons & Associates—Mechanical Engineers

The Virginia Architect takes pride in presenting Albert Heisler's First Honor Award winner from the 1957 Virginia Chapter AIA Honor Awards Competition. In August, the Virginia Architect will present the other First Honor Award winner, Oliver and Smith's Lansdale Garden Junior High School, Norfolk.

*J. Albert Heisler, architect, at the entrance to his First Honor Award Winning Beth Sholom Home. (danfoto)*

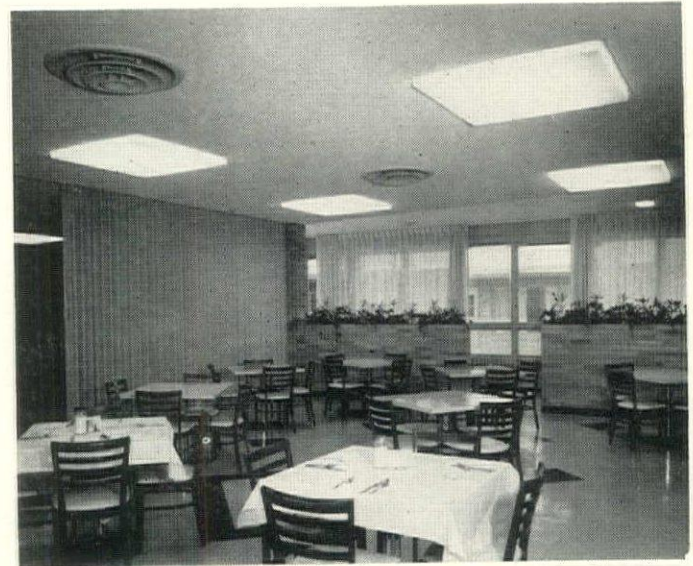
aging, Orthodox Jew, having warmth, friendliness, and security, with a place to worship God, where fear could be banished and life could begin anew.

2.—Provide for the religious needs of the resident through the Synagogue, the Candle Room, and religious library.

3.—Provide for the physical needs of the resident, where kitchens provide for their dietary laws, and private and semi-private rooms could provide seclusion and privacy when desired and give the resident a sense of ownership.

4.—Provide for the health needs of the resident through the infirmary, physical therapy, doctors' office and examining rooms, X-ray, and dental clinic, and to have on call qualified, trained medical personnel when needed.

*The Dining Room has the same spacious feeling as the Living Room, with a view from both front and rear. The service corridor to the Kitchen area is separated from this room and the Living Room by a tapestry brick planter box. (Dementi Studio)*



5.—Provide quarters in the building for interns and nurses to serve these residents.

6.—Provide entertainment and diversion through radio, television, high-fidelity phonograph, card rooms, open terraces, closed sun porches, sun corridors, sitting areas, and public address system with bed speakers to those who are bedridden.

7.—Provide services through a barber shop and beauty parlor, nurses' call system, controlled and supervised bathing, all of which add to the feeling of well-being.

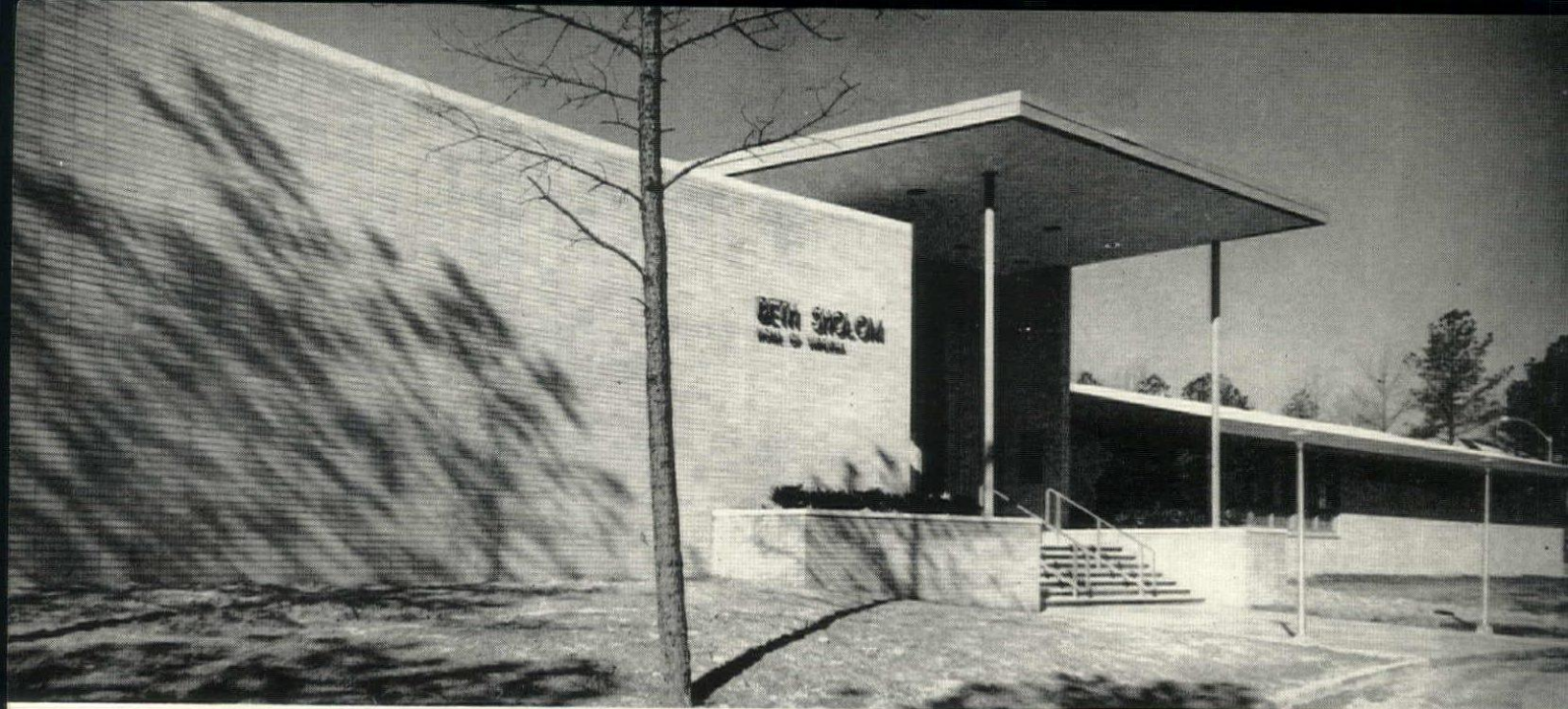
8.—Provide occupation and rehabilitation through the occupational therapy shops and gardens.

9.—Provide those administrative facilities for storage, laundries, etc., where this operation can be managed without undue cost.

*The Living Room, with its warm tapestry brick wall, gives a homey atmosphere where the residents can relax in comfort, watch visitors come and go, and entertain their guests. Tea is served in this room at 3:30 each day. This room can be opened into the Dining Room by means of Modern-fold doors and the two rooms can become one at any time it is so desired. (Dementi Studio)*



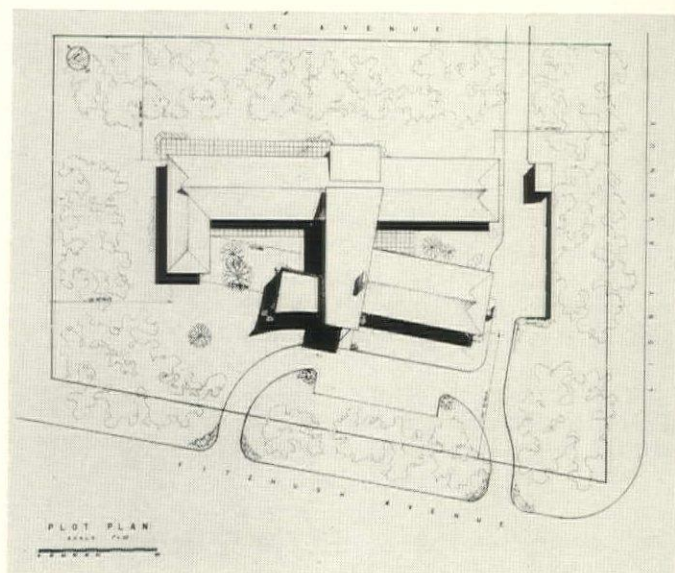




Front of the Beth Shalom Home of Virginia, in Richmond, which won for Richmond Architect J. Albert Heisler a First Honor Award in the recent Virginia Chapter A.I.A. Honor Awards Competition. (danfoto)

AS MEDICAL SCIENCE daily increases the life span of man, it becomes a pleasure to grow old when retiring years can be spent in pleasing, comfortable surroundings such as those found at the Beth Shalom Home of Virginia for it can be justly said that this is truly a "Beth Shalom", as translated a "House of Peace".

The Architect, J. Albert Heisler, has captured in his design the true meaning of a Home for the Aging and it is, above all, a Home lacking in the institutional coldness so often found in this type of building. Through skillful selection of materials and colors, the Home has a feeling of warmth and friendliness where the resident can live a full and satisfying life within his physical and psychological limitations. The Architects and Owners have provided every facility for the comfort and mental well-being of the resident.



With the aid of the Architect, the Owners selected a 3½ acre tract of land in a quiet residential area in Henrico County where zoning would permit this type of building. The land had sufficient slope to provide good drainage and an interesting setting and was flat enough that all residents of the Home could live on one floor, eliminating the hazard of negotiating stairs.

As the plans progressed, the Owners and Architects realized more fully the problems to be solved. Numerous visits were made to similar Homes throughout the country and where visits were impracticable, letters were written, with questionnaires which would supply information so vitally needed. It was from the data so compiled that the Owners and Architects, as a team, arrived at the following conclusions:

1.—Provide a 50-bed Home for the



Facing due East, the Synagogue, providing 54 permanent seats, is in the best of Jewish tradition. Designed for the resident, the Ark is recessed into the stained glass screen, while double arms to all seats add comfort and support for long hours of worship. Space has been provided for wheelchairs and the like, while the library shelves provide storage for the religious library. A veil of soft light plays through the Southern stained glass windows.

(Dementi Studio)





## NEW CONCEPT IN RAILING DESIGN

Wood has been added to aluminum to create a new concept in aluminum railing design. Blumcraft of Pittsburgh has combined the warmth and elegance of natural-finished wood with the structure of aluminum to develop their new Post Style #170.

A choice of select birch or American walnut trim is available to the Architect to relate the railing design to the surrounding decor and color. The wood-trimmed post will be furnished to the metal fabricator in rubbed-satin finish. All of the Blumcraft adjustable features are contained in this post, which can be used with any of the stock handrail shapes.

With the advent of the Low-Cost Tube-Line the architect now has available two price lines of Blumcraft railings. A survey which Blumcraft made among fabricators in various parts of the Country indicates that Tube-Line is in a price range of aluminum pipe railing. The De Luxe Line, because of its labor saving adjustable features, is less costly than a quality custom-built railing.

Some Blumcraft installations which have been built by local metal fabricators include:

Radio Station WSLs, Roanoke: Hankins & Johann, Richmond, Fabricator; Hayes, Seay, Mattern & Mattern, Roanoke, Architects.

Jelleff's Inc., Seven Corners: A. F. Jorss Iron Works, Arlington, Fabricator; David Baker, Washington, D. C., Architect.

Virginia War Memorial, Richmond: Cruickshanks Iron Works, Richmond, Fabricator; T. J. Collins & Son, Staunton, Architects.

Municipal Building, Orange: Montague-Betts Co., Lynchburg, Fabricator; J. R. Bailey, Orange, Architect.

(Continued on page 44)

to tell the Virginia Story

# Camden & Wilson, Inc.

103 Law Building

HAMPTON, VIRGINIA

## MARKS-WICKER CO., INC.

*Buggs Island Quarries*

## TALBOTT-MARKS CO., INC.

*General Contractors*

## TALBOTT-MARKS-RUNIONS, INC.

*Structural Contractors*

CLARKSVILLE, VIRGINIA

## Roanoke-Webster Brick Company, Inc.

Post Office Box 780

ROANOKE, VIRGINIA

FAMOUS WEBSTER BRICK  
HIGH PRESSURE CURED WEBLITE BLOCK

*Plants at:*

ROANOKE, VIRGINIA  
Diamond 5-8807  
SUFFOLK, VIRGINIA  
Telephone 6721

SOMERSET, VIRGINIA  
Gordonsville TEmple 2-2277  
DRAPER, NORTH CAROLINA  
MEadow 5-4121



## LEAKNOT

### The First TRULY Leakproof Faucet

... for institutions or homes



Patented and Pats. Pending

### SPECIFY LEAKNOT

NEW, REVOLUTIONARY "LEAKNOT" FAUCET—REDUCES WATER CONSUMPTION BY AS MUCH AS 36% . . . with big savings in power or fuel for hot water

LONG LASTING, REDUCES MAINTENANCE COSTS . . . stem stroke straight up and down . . . no manual mechanical squeeze on seat at closure

ELIMINATES FORMATION OF RUST ON LAVATORY FROM LEAKING WATER

AUTOMATIC CUT-OFF POINT IS ADJUSTABLE ACCORDING TO THE WATER PRESSURE

PROVED IN EXHAUSTIVE TESTS  
TOUCH CONTROL, FOOLPROOF  
BEAUTIFUL, MODERN DESIGN



**Kel-Win  
Manufacturing Co.,  
Inc.**

809 Travelers Building  
RICHMOND 19, VIRGINIA

tral exchange for the majority of state telephones in the Capitol Square area. Allowance is made for expansion as additional buildings are built.

The Industrial Commission Court Room on the third floor was designed to express the simple dignity of its purpose. The Corporation Commission Court Room on the thirteenth floor reflects a somewhat more complex function intended to reflect the more diversified interest in the activities conducted therein.

Questions have often been raised as to why the main entrance foyer is so large. Some feel it to be wasteful of space. Individual opinions quite naturally will vary in proportion to the utilitarian need for floor space. It is intended that the large foyer be appropriately furnished to provide an informal lounge area at the entrance to the building. It might well be compared with the portico on the Capitol building. The space in the Blanton Building is enclosed and hence available the year round. It was felt that some such feature is a necessity for an important public building.

Integral interior decoration consists of colors of materials used and general painting work. Three sets of colors were selected for use in office spaces, one each for the three occupying agencies with minor variations within each.

The parking lot to the west of the building will ultimately be converted to a three-level parking facility in the Long Range Plan. The top of this facility will be seeded and landscaped at the level of the permanent brick

walk from the present Capitol Square area to the front of the building and become part of the extension of the extension of the Square referred to above.

The sculpture work on the front of the building is the result of the belief that all important public buildings should have some ornamentation representative of significant factors in the history of the political subdivision served. It is hoped that future buildings in the group will carry out the thought of memorializing the outstanding men of public life in Virginia.

General contractor was Virginia Engineering Company, Newport News, with the following subcontractors:

Excavation, G. C. Budd Corp., Richmond; reinforcing steel, Virginia Steel Co., Richmond; concrete, Southern Materials Co., Richmond; precast concrete steps, Economy Cast Stone Co., Richmond; masonry, John B. Kelly, Inc., Philadelphia; granite, Cold Spring Granite Co., Cold Spring, Minn.; limestone, Indiana Limestone Co., Bedford, Indiana; terra cotta, Federal Seaboard Terra Cotta Corp., New York; tile, marble, terrazzo, Oliva & Lazzari, Richmond; acoustical tile & flooring, W. Morton Northern & Co., Richmond; carpeting, Miller & Rhoads, Inc., Richmond; caulking, Chamberlin Co., Richmond; miscellaneous metal, Liphart Steel Co., Richmond; aluminum louvers, The Staley Co., Richmond; stainless steel, The Michaels Art Bronze Co., Washington; metal doors & frames, Pioneer Fireproof Door Corp., Mount Vernon, N. Y.; rolling steel door, The Staley Co., Richmond; Modernfold doors, J. S. Archer Co., Richmond; movable partitions, Virginia Metal Products, Orange, Virginia; cabinet & fixture work, American Furniture & Fixture Co., Richmond; roofing & sheet metal, R. P. Whitley Roofing Co., Richmond; lathing and plastering, R. Floyd Jennings & Son, Bethesda, Md.; millwork, Ruffin & Payne, Inc., Richmond; Venetian blinds, Paris Shade Shoppe, Inc., Richmond; painting & wall covering, S. P. Terry, Richmond; glass and glazing, Pittsburgh Plate Glass Co., Richmond; finish hardware, Pleasants Hardware, Richmond; plumbing, heating and air conditioning, William H. Singleton Co., Inc., Arlington; electrical, E. C. Ernst, Inc., Washington, elevators & dumbwaiters, Westinghouse Electric Corp., Washington; paving, Kenneth L. Black, Richmond; aluminum windows, Roanoke Engineering Sales Co., Roanoke.

~

## PLEASANTS HARDWARE

RICHMOND, VIRGINIA

1607 West Broad St.

*Contract Builders' Hardware  
Certified Architects' Consultants*

— Agents For —

Schlage Locks

Stanley Works

Russell & Erwin Hdwe.

McKinney Mfg. Co.

*Complete New Display Room*

612 N. Lombardy St.

CUSTOMER PARKING LOT

Suppliers for Beth Sholom Home, State Office Building and U.D.C.  
Headquarters Building featured in this issue.



provided a good cross section of up-to-date approach to the principal elements of such a building. Members of the Commission accompanied the Architects and Engineers on a second trip to New York and visited the United Nations, Lever House, Carnegie Peace Foundation, and Dunn & Bradstreet office buildings.

The visits to other buildings and the usual study of functional requirements, materials, types of construction, and related cost estimates led to the design finally approved and built.

Flat slab reinforced concrete was

selected for the framing, thus permitting a building of 15 floors in a minimum total height. By increasing the thickness of the floor slabs and appropriate technical arrangement of reinforcing, beams which normally project below the slab are omitted.

The building is completely air conditioned. Heat is supplied by the extension of steam lines through the tunnel system connecting state buildings in the area. Air conditioning refrigeration is furnished by equipment in the second basement. Distribution of conditioned air is accomplished by two sets

of equipment. One set in the second basement serves the lower half of the building and one set in the equipment floor at the top of the building serves the upper half. Each set consists of two systems. One handles high velocity air and variable temperature water to and from the units under each window and conditions the perimeter area of each floor. The other system handles low velocity air to the central area of each floor.

A large portion of the first basement floor is devoted to telephone equipment. This facility was established as a cen-



## Oscar Vecellio, Inc.

*General Contractor*

BECKLEY, WEST VIRGINIA



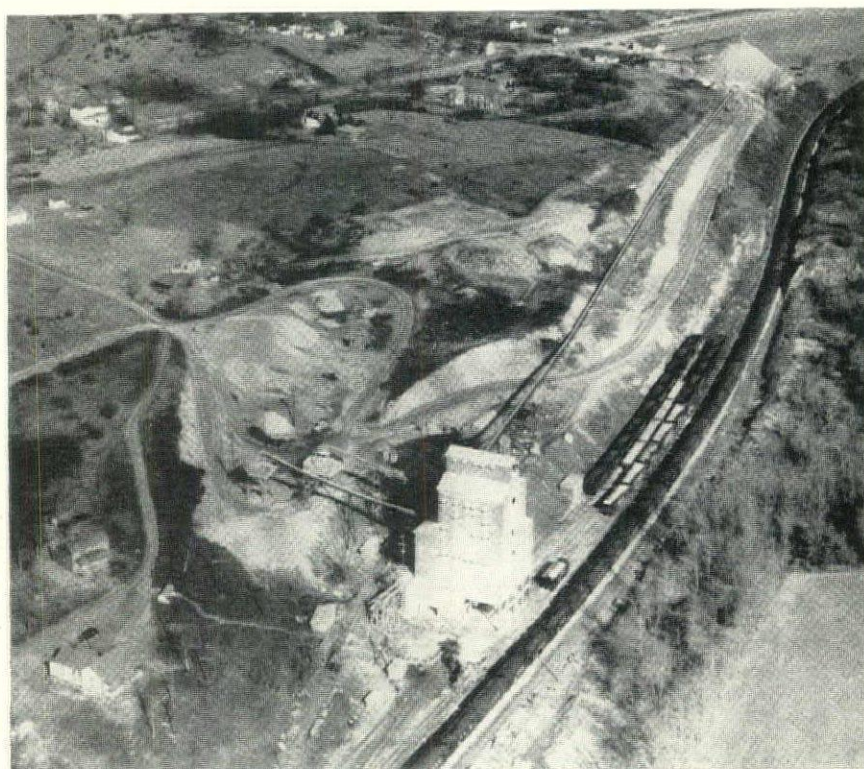
## Leon J. Boisseau



*General  
Building  
Contractor*



Phone RE 2-3666  
1001 Hamilton Ave.  
COLONIAL HEIGHTS, VA.



WE ARE PROUD OF THE PART WE HAVE PLAYED IN THE PHENOMENAL GROWTH OF OUR STATE. OUR PLANT HAS FURNISHED CRUSHED STONE PRODUCTS FOR ALL TYPES OF BUILDING AND CONSTRUCTION SINCE 1917.

PLANT No. 1 BLUE RIDGE, VA.

PLANT No. 2 LYNCHBURG, VA.

Phone WH 7-2211

Phone 2-6580

Began operations 1917

Began operations 1956

## BLUE RIDGE STONE CORPORATION

Main Office: 711 Boxley Building

ROANOKE, VA.

Phone DIamond 4-6601



## **M. C. Dean, Electrical Contractor**

Dial JE 4-2880

1503 So. West St.

FALLS CHURCH, VA.

## **Walter N. Webber & Son, Inc.**

413 ELMWOOD AVE.  
LYNCHBURG, VIRGINIA

*GENERAL CONTRACTORS*

ROAD BUILDERS AND ASPHALT PAVING

DIAL 2-6219 & 8-2131

## **MURRAY & DISCHINGER**

*Engineers*

Franklin R. Murray and H. C. Dischinger

CITIZENS MARINE JEFFERSON BANK BLDG.

NEWPORT NEWS, VIRGINIA

Phone 4-3443

## **F. H. TUBMAN**

*Remodeling Specialist*

Phones: GRenwood 2-2443

GYpsy 3-3023

MT. HOLLY, VIRGINIA

## **WILLIAM A. BLAIR**

*Building Contractor*

RESIDENTIAL AND COMMERCIAL

GRETN, VA.

## **State Office Building**

*(Continued from page 17)*

Square to the Turnpike will be eliminated. Thus Capitol Square will be enlarged about 50 to 60 percent with this quarter arc of buildings along the eastern extremity. The present site conditions are such as to allow for traffic needs and will be altered as the total plan develops.

Preliminary design work was started following several visits to recently completed similar buildings. The new State Office Building in Jefferson City, Missouri and six buildings in New York

## **PENINSULA BLOCK CORP.**

"SOLITE"

MASONRY BLOCKS

CONCRETE BLOCK

CINDER BLOCK

Jefferson Ave. Ext.

& Bridge Rd.

Phone 2-3221

NEWPORT NEWS, VA.



# Virginia Stone & Construction Corp.

Roanoke, Virginia

HIGHWAY AND ROAD CONSTRUCTION  
EXCAVATING, GRADING AND  
CRUSHED STONE

Crushing Plants Located in Powhatan, Wythe,  
Russell County.

P. O. Box 1252

Phone: DIamond 5-8124—DIamond 5-8125

ROANOKE, VIRGINIA

RICHMOND

CHARLOTTESVILLE

## N. W. MARTIN & BROS., INC.

*Roofing and Sheet Metal Contractors*

*Slate, Tile and Slag Roofing*

BARRETT AND  
KOPPERS  
APPROVED ROOFERS

821 Albemarle Street

AIR CONDITIONING  
HEATING AND  
VENTILATING

Dial 2-8177

P. O. 749

CHARLOTTESVILLE, VIRGINIA

See Beth Sholom Home, Page 34

Roofing and Sheet Metal

## Inter-State Foundry & Machine Co.

*Grey Iron, Brass & Aluminum Castings*

*Precision Machine Work*

STEEL

FABRICATED & ERECTED

PLATE & DUCT WORK

Johnson City, Tenn.