Structural and Acoustical requirements for tight budget schools are readily satisfied with Robertson's great variety of high-quality steel roof deck systems. Long Span deck, for example, is especially popular with school designers because the multi-purpose units provide structural, acoustical and lighting features, all in one shallow roof cavity permitting a neat "low profile" design appearance. The perforated acoustical units are blended as required with recessed troffer units to complete the integrated roof-ceiling systems. The flush underside plate of the deck is now available in stucco-embossed patterned steel for a textured appearance. Write for Robertson Long Span Deck literature.
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"Take a Last Look"

Recently newspapers carried the result of a study sponsored by the American Academy of Arts and Sciences, done with the support of the Carnegie Foundation. By titling the articles "The Year 2000," and playing up technological possibilities for the future, the presentation of the study gave superficially the impression of another of the crystal gazers’ imaginative flights into a weird new world. But the study was undertaken by scholars, scientists and various experts in the very sober purpose of anticipating developments in the next thirty years in order to avoid entrapment in calamitous problems which could be prevented by insight. As the report stated, the present problems—"Negro rights, poverty, and the decay of the cities—could have been foreseen [and] solutions might have been envisioned before the facts closed in on us.”

The Commission chairman, sociologist Daniel Bell of Columbia, stated: "Is it not a fundamental responsibility for a society as interdependent as this one to forge in some form of systematic anticipation, some form of thinking about the future?" It would seem scarcely rational to give a negative answer to Professor Bell’s question, but the present structure of the American society most definitely is not organized to deal with the dislocations inherent in technological change. In a age of intense specialization, our various “power elites” operate in separate, all too frequently unrelated, compartments where no one is responsible for the good of man as a citizen.

The citizen in society has become as the patient to the medical profession: the patient can receive the most skillful technical performances from specialists in various compartments of the human body but there is no physician responsible for the whole man. Ideally, a group of specialists would form a clinic, in which all ports were funneled to a small directing group representing the clinic’s responsibility for the whole man. This, of course, will not happen in the foreseeable future, and maybe never, as physicians themselves are caught up in the momentum of the existing system and are kept all too busy struggling through the wasteful efficiency of makeshift conditions which are the result of no planning by the communities.

In the total society, we have scientists in industry or in research for specific ends (including new methods of destroying fellowmen); we have executive talent and energy in management in private enterprises; we have philosophers in academic institutions and their written work is published either in journals of small circulation or in books whose lifetime sale would not equal one night’s audience at the best rated show on television; we have educators who must divert their major efforts for the whole man. This, of course, will not happen in the foreseeable future, and maybe never, as physicians themselves are caught up in the momentum of the existing system and are kept all too busy struggling through the wasteful efficiency of makeshift conditions which are the result of no planning by the communities.

(Continued on page 63)
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PAGE SIX   VIRGINIA RECORD
TEN HONORARY
FELLOWS NAMED

The Board of Directors of The American Institute of Architects nounced in March that ten foreign architects have been elected Honorary
Fellows of the AIA. They are Franco Albini, Italy; Georges Candilis, France; Charles
Jouard Geisendorf, Switzerland; Eric Lyons, Great Britain; Frei Otto, West
Germany; James E. Searle, Canada; H. Dijih Su, China; Sir Leslie Hugh
Wilson, England; Isywa Yoshida, Japan, and Bruno Zevi, Italy. The ten will be
vested during the 1968 AIA convention in Portland, Ore., June 23-27.

Franco Albini, 63, of Milan, Italy, is
known as a museum architect for
which works as three museums in
Genoa. He served on the executive
committee of the 1951 Milan Trien-
nele. He has held a chair in architectur-
ce 1954, first in Venice, then at
Polytechnic of Milan, and later
invited to serve as a visiting critic
The winner of numerous competi-
tions and awards, he received the Ol-
ti National Prize for Architecture
1957.

Mr. Albini’s works include, in ad-
tion to museums, several town plan-
ing projects, such as Genoa and Ha-
bah, Cuba, various low-cost housing
bects, several buildings as ‘La Rint-
ente’ in Rome, and the Under-
ground Stations in Milan, as well as
niture design.

Georges Candilis, winner of the Ur-
Art Design Award of the French Gov-
ment in 1960, was born in Baku,
ssia, in 1913, and studied in Athens
and Paris. He worked with Le Cor-
sier from 1945-51, and served as


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Frei Otto, 43, German architect noted for work on suspended and pneumatic structures, has carried out extensive research on use of such techniques in architectural projects and future cities. While a prisoner of war in France, he headed a construction crew and devised a structural system used in repairing bridges and railroads.

Mr. Otto has written extensively for architectural publications and served as a guest professor at Washington University in St. Louis, Yale, University of California at Berkeley, and Cambridge (Harvard and Massachusetts Institute of Technology). In 1964, he directed the research institute at the University of Stuttgart, and since then has worked with Rolf Gutbrod. His major works include light-weight building, exhibition pavilions (including the German Pavilion at Expo '67), tents, and city planning.

James E. Searle, 38, President and Fellow of the Royal Architectural Institute of Canada, was born in Winnipeg, where he is now partner in charge of design and business development in the firm of Smith Carter Searle. They maintain offices in four Canadian cities and have projects in several provinces. The firm was selected to design Place d'Accueil (the main entrance to Expo '67), the Canadian Embassy in Warsaw, the Pan American Games swimming pool in Winnipeg, and the 90 million Richardson complex, Lombard Place, in Western Canada. When elected President of R.A.I.C. last May, Dr. Searle became the youngest man ever elected to this position and the first Manitoba architect in 60 years.

Gin Djih Su, 62, was born in Shanghai, China, and received his Bachelor and Master of Science in Architecture degrees at the University of Michigan. In 1933, he began practicing in Nanking and became one of the leading architects in the country. In 1948, he moved his main office to Hong Kong, with others in Taiwan and Formosa. From 1955-61, Mr. Su served on the Town Planning Board, by appointment of the Governor, and he served for five years on a committee which drafted building ordinances and regulations. He was instrumental in organizing the Hong Kong Society of Architects, allied with the I.B.A., and served as its first and twelfth President in 1956 and 1957. His works include museums, banks, university buildings, factories, housing projects, theaters, hotels, funeral parlors, warehouses, civic and government buildings, and monuments.

Mr. Su published the first book written by a Chinese architect on the history of Chinese architecture in the English language, "Chinese Architect—Past and Contemporary."

Sir Leslie Hugh Wilson, 55, O.B.E., is President of the Royal Institute of British Architects. The chief architect and planning officer of Canterbury, 1945-56, and of Cumbernauld new town, 1952-56 (winner of the first R.S. Reynolds Memorial Award for Community Architecture in 1967), he has been in private practice with Lewis Womersley since 1962.

Knighted to Birthday Honors for his services to architecture and planning, Sir Leslie is past chairman of the Board of architectural education, technical adviser on urban development to the Minister of Housing and Local Government, member of the advisory council on Road Research to the Minister of Transport, and member of the planning advisory group to the Ministry of Housing and Local Government.

His commissions include the preparation of the master plan for the
new towns of Skelmersdale and Redditch, and plan for Northampton Town Expansion; transportation and land use survey and plan for Teesside; plan for the Manchester Education Precinct, including University and College of Science and Technology, Regional Colleges and Hospital; preparation of overall planning proposals for Glasgow University; plans for the redevelopment of Regent Street in London; central area planning for Exeter, Oxford, Brighton, and Cardiff, and various housing and central area schemes.

Isoya Yoshida, 73, was born in Tokyo and studied at the Tokyo Academy of Fine Arts and in Europe and America. In 1926, he established Yoshida’s Architectural Institute in Tokyo, which he continues to head. A member of the Japan Academy of Arts and professor emeritus of the Tokyo University of Arts, he is a councillor of the Establishment Committee of the Imperial Palace, the Highest Court of Justice, and a member of the Committee of the National Theatre.

Mr. Yoshida’s major works include The Yamato Bunkakan, Japanese Academy of Art, Japanese Institute of Culture in Rome, Bunrakuza Theatre, Kabuki Theatre, Goto Art Museum, Gyokudo Memorial Hall, Osaka Royal Hotel, and several residences for prominent Japanese. He received the order of Culture and the Culture Merit in 1964.

Bruno Zevi, 50, was born in Rome and graduated from the School of Architecture of the University of Rome and the Graduate School of Design at Harvard. He is Doctor in Architecture in the Faculty of Architecture of the Rome University, as well as General Secretary of the Italian Town Planning Institute and Director of Seminar for American architects.

A prolific architectural critic, having contributed to major journals throughout the world, he has written several books. He holds an honorary degree in architecture from the University of Buenos Aires and won the European prize for art criticism. Vice President of the Italian Institute of Architecture and President of the International Technical Cooperative Center, founded in Jerusalem in December, Mr. Zevi is an honorary member of R.I.B.A.

His major works include the town plan of Perugi, Palazzina in Via Monte Parioli in Rome, Palazzina in V. Pisanelli in Rome, railway station Naples, housing development in Smerino, and Luigi Einaudi Library Dogliani.

Only 131 other architects hold the title of Honorary Fellow of the 2,200-member national professional organization. The honor recognizes “architects of esteemed character and distinguished achievement who are citizens or residents of the United States and do not practice within the domain of The Institute.”

(AIA News Continues on page 46)
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Type: Full-Depth Asphalt residential and industrial streets—two traveling lanes varying in width from 11 1/2' to 17': asphalt concrete surface on asphalt concrete base over compacted sandy-silt subgrade.

Terrain: Generally flat.

Climate: Normal average temperature range: 80.4°F (July); 7.1°F (January). Average annual precipitation: 30.56".

Traffic: Residential: IDT of 300—5% trucks. Industrial: IDT of 10,000—15% trucks.

Pavement Section: Subgrade: A-4 and A-6 soils, moderately to severely frost susceptible. Compacted following excavation. Base: 4 1/2" asphalt concrete on residential streets. 6 1/2" asphalt concrete on industrial streets. Bases laid in one thick lift. Surface: 1 1/2" asphalt concrete on both residential and industrial streets. Base and surface course aggregates meet Standard Specifications for Road and Bridge Construction, Wisconsin Division of Highways.

Drainage: Sub-surface: No underdrains used. Surface: Gutters, catch basins and storm sewers.

Compaction: Subgrade: None required. Surface compacted following excavation. Base: No compaction criteria. Controlled by specifying rolling pattern. Surface: Same as base.

Contractor: D. L. Gasser Construction Co., member of the National Asphalt Pavement Association.

Antigo continues to rely on Full-Depth Asphalt pavement for the third year of its long-range street construction and improvement program. Antigo officials are thereby providing the town's taxpayers with the most economical, durable and safe pavement available today.
VAP
BEGINS ITS
FOURTH YEAR
WITH
MEMBERSHIP
NEAR
1,000 MARK

At the time of its First Annual Meeting, December 1965, the VAP was proud to announce a membership of 100. Now the Virginia Association of professions is beginning its fourth year with a total membership of almost 1000 professional men and women. They are members of the State Organizations which comprise VAP; the Virginia Society of Professional Engineers, the American Institute of Architects, Virginia Chapter, the Virginia State Dental Association, some members of the Virginia State Bar Association, the Virginia Pharmaceutical Association, the Virginia Society of Certified Public Accountants and the Virginia Veterinary Medical Association.

When the group was first organized, a number of professional men made statements in support of the then new association. Their 1965 comments, reprinted below . . . are as appropriate today as at the time they were originally made . . .

Marcellus Wright, Jr., FAIA:
"With the advent of even greater responsibilities being imposed upon all of the professions by law and by government, it becomes increasingly helpful and beneficial to each group to provide a means for interchange of information and procedures in meeting certain of our problems which we face in common."

Louis L. Scribner, FAIA:
"Coordinated action by all of the professional groups is necessary to improve understanding and cooperation between and among their various members.
"We need improved educational programs offering more adequate preparation for professional life.
"Encroachment on professional rights and a trend toward socialization are threats to all of the professions.
"All of these might best be met through an association of professionals in Virginia."
"If the professional man is to maintain his proper position in our society, it would appear that he must be represented by an organization which is sufficiently large and strong to protect the fundamental freedoms upon which . . .

(Please turn the page)
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Professionalism is vitally dependent. I. Russell Berkness, P.E., president of the newly-formed Virginia Association of Professions, quoted this statement recently during a talk to members of the Richmond VSPE Chapter.

Endorsements came from Alexander W. Parker, a Richmond attorney and past president of the Virginia State Bar Association, who observed that VAP is "an association which extends to professional men the opportunity for greater mutual understanding, protection and benefit" and one which "can be a great boon to all the professions."

Dr. Moffett H. Bowman, then president of the Virginia State Dental Association, said that it is his "sincere wish that every dentist in Virginia will support VAP and become an individual member. If the ever-growing monster socialism is to be circumvented, it must be done at the voting booth. We must join other groups with a similar purpose in order to make our purpose significant."

"The day has long passed when the individual professional society can stand alone," commented Louis A. Oliver, president of the Virginia Chapter of the American Institute of Architects. There is a real need," he continued, for the joining of the efforts of these professional societies in order that they may best serve their individual members through the benefits to be gained from working with others with common problems."

Dr. Lewis W. Webb, Jr., president of Old Dominion College, and winner of the 1964 Engineer of the Year Award of the Virginia Society of Professional Engineers, observed that "the programs that VAP proposes ... will enable the organization to serve the interests of the public as well as those of the professions. I am certain that the unity of purpose and dedication which will be created by VAP will enable its members to render even greater service in the future."

"Surely, since the 13 original states insisted that the Constitution contain checks and balances, constitutional limitations and a Bill of Rights, we should have the courage and integrity to insist that these safeguards be maintained and that they not be destroyed or diminished by the centralization of power in Washington."

"The greatest need in this country today," he declared, "is for a resurgence of morality in public service—a new and honest respect for the spirit and meaning of the Constitution and a firm resolve by those who have sworn to protect and defend it, to abide by that oath."

That many agreed with these distinguished gentlemen is proven by the current membership rolls.

Dr. B. D. Philyp, VVMA, is Chairman of a membership drive which in the next few months plans to increase the number of VAP members among the 11,091 members of the various groups who are eligible for enrollment in the organization.

Members of the Virginia Chapter, A.I.A., have the largest percentage of their members enrolled of any of the organizations. James H. Gould, A.I.A., will be VAP membership chairman for the Architects and endeavor to continue or increase this proportion.

The organization strives to increase inter-professional understanding and cooperation and to keep the public informed of the role of the professions.

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<tr>
<th>Breakdown on membership:</th>
<th>Member-</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>VSPF— 212</td>
<td>1,268</td>
<td>16.7%</td>
</tr>
<tr>
<td>MSV— 129</td>
<td>3,404</td>
<td>3.7%</td>
</tr>
<tr>
<td>AIA— 120</td>
<td>321</td>
<td>37.3%</td>
</tr>
<tr>
<td>VSDA— 143</td>
<td>1,465</td>
<td>9.7%</td>
</tr>
<tr>
<td>VSBA— 86</td>
<td>2,800</td>
<td>3.7%</td>
</tr>
<tr>
<td>VPhA— 59</td>
<td>816</td>
<td>7.2%</td>
</tr>
<tr>
<td>VSCPA— 175</td>
<td>717</td>
<td>24.4%</td>
</tr>
<tr>
<td>VVMA— 61</td>
<td>300</td>
<td>20.3%</td>
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</table>

Total: 985 11,091

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ROUNDBREAKING was held in November 1967 for the 2½ story office building at Keene Mill Road and Cumberland Avenue in Springfield. The structure will be the permanent home of the Springfield Independent Newspaper, housing their offices and companion commercial printing shop. The remainder of the building will be leased for office uses. The building is expected to be ready for occupancy by midsummer. When completed, Springfield will be the only community in Fairfax to boast a newspaper which occupies its own building.

Rapid growth of the Independent over the past eight years has dictated the need for new facilities. Under the leadership of Mr. and Mrs. Harry W. Hinkle, this progressive newspaper has more than tripled its paid circulation from 1800 in 1960 to the present 6600. An additional 700 issues are sold weekly at newsstands.

Designed by Barkley Pierce Associates of Falls Church, the structure consists of exterior, load-bearing brick masonry walls with structural steel interior. Concrete floor slabs are poured over steel decking and steel joists. Aluminum projected windows are set in stuccoed block walls to create contrasting vertical panels.

The central feature of the facade is the stair which is pulled forward from the main structure and opened to the exterior with a curtain wall.

The interior walls of the central stair are faced with brick. Separate entrances are provided for the newspaper offices and the basement print shop.

Interior finishes are drywall partitions, resilient floors, and acoustical tile.

SUBCONTRACTORS & SUPPLIERS

From Springfield: Edsall Corp., general contractor, carpentry; Fries, Beall & Sharp, steel doors & bucks, hardware and Lynch Co., excavating.


And from Arlington were: Arlington Iron Works, Inc., steel; Bilton Insulation & Supply, Inc., insulation; Virginia Millwork Corp., millwork.

Others were: Sweetman & Hall, Inc., Falls Church, concrete; Southern Floors & Acoustics, Inc., Merrifield, acoustical, resilient tile; Dodd Bros., Inc., Vienna, drywall; Standard Art Marble & Tile Co., Inc., Washington, D. C., ceramic tile; Interstate Electric, Merrifield, lighting fixtures and Bee & H Electric Co., Fairfax, electrical work.

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THIS NEW BUILDING designed by Vosbeck-Vosbeck & Associates is an additional facility serving the elementary program of this private school for girls. The building satisfies the need for supplemental facilities and classrooms for the lower elementary program. In addition to the classrooms, the building includes an art room; music facilities; library; a multipurpose room and administrative space. The design requirement was to locate the new building in a logical relationship with the two existing lower elementary classroom buildings in order to provide a unified spatial composition to serve the educational program. This was accomplished by locating the new building so that a mall or court was created between the old and new structures. The composition was given more unity by provision of covered walkways, paved areas, and landscaping combined with a student loading area.
or private vehicles. The multipurpose room was needed to provide a meeting place for all of the lower elementary grades for programs and special events as well as physical education and group teaching.

Because the school has special programs, there was a requirement for the school to be completely air conditioned and thermostatically controlled throughout the year. Thus, the challenge presented to the architect was to create a facility for lower elementary education that was effectively interrelated with the existing facilities that would provide supplemental resources for an optimal teaching and learning environment.

Site Conditions
The site of the new building is located on wooded, steeply sloping ground rising toward a plateau upon which the existing school buildings are situated. The natural resources of the area have been preserved and enhanced by the building's functional and aesthetic character that blends with the contour of the land, in a logical grouping of educational areas.

The facility is located to take advantage of the slope. Main access is at the upper level from the adjacent vehicular drive and unloading area. The lower exits are also on grade.

There is ample space for expansion on site to accommodate a growing educational program.

Technical Data
The building is basically a masonry load-bearing wall and steel joist, two-story structure. The exterior is brick, with a mansard roof treatment of heavily textured concrete shingles which gives a unifying residential character, as well as providing sun shielding. The color of the brick harmonizes with adjacent buildings of the school. Precast concrete is used for accent purposes.

Face brick is used in the heavy duty areas of the interior. Special wall-mounted acoustical blocks are located in specific areas to reduce noise. Floor material is of cork-vinyl to reduce impact sounds. The design includes direct egress from all classrooms to the exterior. Windows in the activities area are at high elevations to avoid hazards.

The heating and air conditioning is provided by a hot and chilled water system with ducts for the fresh air circulation.

The lower floor classrooms open on to a paved, open area suitable for a wide range of functions for play, art exhibitions or outdoor group activities. This area is enclosed by a low brick wall.

Statistics
Size of Site........1.85 (acres) for this building (site a part of overall campus development.)
Capacity........65 (Number of students).
Area of building....8725 square feet.
Volume of building....98,500 cu. feet.
Space per student....135 square feet.
Cost of construction.$228,200
Cost per student.....$3,500
Square foot cost......$26.00
Cubic foot cost........$2.30
Date contract was awarded
February 24, 1966.
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THE CITIZENS of Falls Church are looking forward to the completion of a $290,000 Community Center this summer, partially financed by bond issue approved by the voters.

Located on a 2-acre tract at the corner of Great Falls and Little Falls streets in the "Official Zone" of Falls Church, the structure is sited to face a triangular park along Great Falls street, and adjacent to the proposed addition to the City Hall. The entire block of city owned land will eventually contain a park and recreation complex in the center of town with tennis courts, picnic areas, tot lots, and swimming pool. The building under construction comprises more than 8,000 square feet, and includes a two-story portion with offices and meeting rooms in front of a 22 foot high multi-purpose hall wing.

The Recreation Department of the city, hampered by small recreational offices and rented classroom space for meetings, will be housed in a building designed to meet the varied recreational and educational needs of the residents.

Before Recreation Director Kenneth R. Burnett came to head the department four years ago, Falls Church had no year-round organized programs. Today about 400 adults are enrolled in evening classes and many of the 500 children who took part in the city's summer playground programs are in sports programs or are taking classes ranging from crafts to ballet.

The city now has only one gymnasium, at George Mason High School, which doubles as the city's only large auditorium. In the past, recreation programs were limited to a Teen Canteen, started some 20 years ago in a quonset hut equipped by donations from local businessmen and citizens. The Recreation Department is housed in a small clapboard building on North Cherry Street.

Within the new center, Mr. Burnett and his department will provide indoor roller skating, an expanded basketball program, and a variety of other recreational activities. Meeting rooms and craft facilities will encourage the use of the center by residents of all ages. For the first time, the city will have space to hold dinners for more than 200 people.

The building facade is traditional in design to blend with the existing City Hall and other structures in the area. The entrance features a 10 x 44 foot brick-arched portico forming a sheltered waiting area which leads into a split level foyer.

Half a flight up from the foyer is the upper level of meeting rooms, offices, game room and snack bar. One meeting room has a folding partition to convert the room into two 22 x 24 foot meeting rooms, each with its entrance from the corridor. These rooms are designed for use by Scouts, clubs, and non-profit organizations. A 30 x 50 foot game room, equipped with

(Please turn the page)
billiard tables, ping pong, and game tables is primarily for teenagers’ use. The canteen with vending machine service, tables and chairs is on this level. Large glass windows in the game room, canteen and general office enable the directors to supervise activities and maintain control, an important factor in building maintenance. Public toilets, coatrooms, and various storage rooms are also on the upper level.

One half flight down from the foyer at ground level is an additional meeting room, and a craft room equipped with kiln and supply storage to furnish an area for sculpture, ceramics and painting classes. Further storage areas for heavy recreation equipment, tables, chairs, etc., are in the ground level space.

The ground floor multipurpose hall, a 68 x 98 foot room is designed for both social and sports events. An acoustical tile ceiling suspended from the steel roof trusses with surface mounted lighting will provide the finished appearance for such social events as dances, banquets, and shows.

The Granwood composition flooring meets all rough-use sport demands and also provides an excellent surface for social gatherings. Game court markings are an integral part of the flooring, and will not require repainting—an important feature considering the variety of activities of basketball, shuffle board and roller skating to be conducted in the multipurpose hall.

The ground floor multipurpose room is equipped with telescoping bleachers, motor driven, retractable backboards, scoreboards, and a public address system. Toilet and locker facilities are conveniently located. Doors open from the hall to outside terraces. A kitchen area adjoins the multipurpose hall.

Windows in the director’s office on the upper level overlook the multipurpose hall. In the office are master controls for lighting, public address system and facilities for motion picture projection.

Construction of the Community Center consists of brick-faced masonry load bearing walls with steel trussed roof structure. Lower level is slab on grade; the upper level consists of concrete fill on steel deck and joists. Face brick includes molded water table, jack and round arches. Exterior paving is brick in a modified basket weave pattern. Simulated Edinburgh black slate is used for the finished roof.

Interior walls are painted concrete block with glazed block wainscot in all corridors. The entrance foyer is plastered, with tile wainscot, and has terrazzo floor and stair treads. Except for the multipurpose hall and foyer, all floors are resilient tile. Suspended acoustical tile ceilings are used throughout.

Heating and air conditioning is supplied by an automatic gas fired chiller and hot water unit located in the lower level. Distribution and zoning is by three air handling units. The cooling tower of counterflow blow-through design is located outside the mechanical equipment room, screened by a decorative masonry wall.

Site work and landscaping will be completed by the Falls Church Department of Public Works, Donald M. Frady, Director.

Planning for the center officially began with the January 1966 publication of “Report of the Advisory Committee on the Auditorium, Civic Center which clearly established the need for a centrally located building. The Charles M. Graves organization, Park and Recreation Specialists of Atlanta, Georgia, then prepared an extensive program for such a structure.

Early in 1967, Barkley Pierce Associates prepared preliminary designs to meet the Graves criteria. The architect also recommended an expanded program which was accepted by the Board of Recreation, Board of Architectural Review, Planning Commission, and City Council. Construction was begun in January 1968 by the Eugene Thomas Construction Company of Alexandria, and is due for completion in September of this year.

**SUBCONTRACTORS & SUPPLIERS**


Arlington firms were: Prospect Industries, Inc., waterproofing; D. Compe & Son, plaster; Virginia Communications, intercom system and Calvert-Jones Co., Inc., air conditioning, heating.

And from Washington, D. C.: Ingalls Steel Corp., steel and steel roof deck; R. B. Phelps, stone work; NABCO, glazed tile.

Others were: Manassas Roofing Co., Inc., Manassas, roofing; Virginia Plate Glass Co., Falls Church, glazing; Southern Floors & Acoustics, Inc., Merrifield, insulation, resilient tile & acoustical; Franklin Marble & Tile Co., Inc., Capital Heights, Md., ceramic tile; American Floor Constructors, Greenville, S. C., composition flooring; Interstate Electric, Merrifield, lighting fixtures; Weller Electric Co., Herndon, electrical work; C. B. Thornton Corp., Falls Church, plumbing; Sheets Wholesale, Vienna, hardware and J. H. Pence Co., Richmond, basketball goals and bleachers.
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Illustrated Feature on page 25

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PAGE TWENTY-FOUR

Virginia Record
B RICK AND THE ARCH FORM, two of man's oldest architectural elements, have been combined in a unique manner by Tiffany H. Armstrong, designing architect of the firm of Armstrong and Salomonsky, Architects, in the new Siegel's Market at 911 West Main Street, in Richmond.

The market building for Charles Siegel is located in a turn of the century, tree-lined district, presently semi-residential, but obviously growing more toward commercial. The architects, in an attempt to soften the transition, incorporated an inverted brick arch in the facade to create a compatibility with the existing neighborhood. Two giant elm trees have been preserved at the front of the parking lot to soften the harshness of the inevitable blacktop parking lot. Stucco, a recognized 19th century material, is introduced in the entrance canopy.

The interior flexibility is derived from the spaciousness resulting from the long spans of concrete double tee beams, which themselves add a coffered effect to the ceiling. The one-story, rectangular building measures 146' x 92' and has a built-up roof, fixed aluminum windows and floors of Travertine vinyl.

Thus form and function are utilized to their best advantage throughout the building. Considering the spectrum of this building type, Armstrong and Salomonsky have produced a most refreshing and new look for the market place.

SUBCONTRACTORS & SUPPLIERS
(All Richmond firms)

Barker Construction Co., general contractor; E. G. Bowles Co., excavating; Southern Brick Contractors, Inc., masonry; Montague-Bets Co., Inc., steel roof deck & miscellaneous steel; Concrete Structures, Inc., pre-stressed concrete; R. Willison Roofing Co., roofing; Richmond Glass Shop, Inc., windows & glazing.

Others were: Lane Bros., Inc., painting; E. S. Chappell & Son, Inc., weatherstripping; A. Bertozzi, Inc., plaster; General Tile & Marble Co., Inc., ceramic tile; C. B. Smith Co., asphalt tile; R. A. Siewers, Inc., millwork and J. S. Archer Co., steel doors & bucks.

Also, Tate & Hill, Inc., lighting fixtures & electrical work; Hyman Mechanical Corp., plumbing, air conditioning, heating & ventilating and Pleasants Hardware, hardware. Interior design was done by the Architects.
Madison College Fine Arts Center

Consulting Engineers
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Mechanical & Electrical
WILLIAM T. ST. CLAIR—RICHMOND
Structural
WARREN L. BRAUN—HARRISONBURG
Acoustical

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General Contractors

The Duke Fine Arts Center at Madison College in Harrisonburg, Virginia, designed by Wright, Jones and Wilkerson, Architects, was occupied last September by the departments of art and music.

The exterior is of native handcut and placed “bluestone,” actually limestone, with white cast stone being used also. Bluestone has been used in all construction of buildings on the Main Campus, which is divided from the East Campus by a street. To the east of this street, all buildings have been, and will be, built of brick since it is faster and less expensive. However, in order to maintain continuity all buildings on Main Campus will be constructed of bluestone.

The main entrance is of aluminum and glass, flowing up two stories, the first floor of which is the lobby to the Latimer-Shaefler auditorium. This auditorium has a seating capacity of 350 and the apron of the stage lowers and rises to bring up the organ from beneath. The stage itself has the latest in lighting and boards along with adjustable acoustical panels. Access to the stage is easily accomplished through double doors in the back opening onto a loading dock. Scenery and sets for theatrical groups are brought in through here.

The art department has 7 classrooms, 2 slanted-floor lecture-projection rooms, and several special rooms such as woodcarving and ceramic rooms. In addition, there is the Duke Art Gallery used for various exhibitions. Built into the plans is a small kitchen and work area to facilitate serving refreshments for groups at art receptions and premiere showings.

The music department has faculty offices incorporated into the rooms where the teacher will give instrumental and vocal lessons. There are numerous individual rooms along with two large practice rooms, one for choir groups and the other for instrumental groups. A taping and recording room adjoins the large instrumental room, that this type of work can be done on campus. Neither of these rooms have windows, the walls and ceilings having acoustical shapings. Storage rooms for...
dozens of instruments are maintained at the small tolerances necessary for the correct humidity and temperature to avoid warping, swelling or drying out.

The college administration worked closely with the art and music departments in the initial plans of the building to make use of the expertise of these faculty members, specifically in workroom arrangements, acoustics, colors and overall room arrangement.

In an area fronting on the main street of Harrisonburg, there is a "sculpture" garden where various pieces will be placed and viewed. An invisible light set-up will be used at night to guard against any depredations.

Two long, broad sidewalks lead up to the building and will be used to display art works during the annual Fine Arts Festival and other events.

The 196' x 133' facility has a built-up roof and aluminum windows. Interior wells are masonry with wood paneling and the concrete floors are mainly covered with resilient tile with some carpet and some wood. Interior design was also done by the architects, Wright, Jones and Wilkerson.

SUBCONTRACTORS & SUPPLIERS

Nielsen Construction Co., Inc., Harrisonburg, was general contractor and did foundations, concrete work, masonry, stone work, carpentry, waterproofing, insulation and wood stage flooring. Other Harrisonburg firms were: David A. Reed & Sons, Inc., excavating; Betts & Frazier, Inc., concrete ready-mix; Zirkle & Zirkle, painting; James F. Logan, plaster; Heatwole Tile Co., resilient tile; Riddleberger Bros., Inc., plumbing (Kohler fixtures), air conditioning, heating & ventilating and Buddy's Carpetland, cabinet.

Other firms were: Montague-Betts Co., Inc., Lynchburg, steel, steel grating & steel floors & bucks; Republic Steel Corp., Richmond, steel roof deck; T. B. Dornin-Adams Co., Lynchburg, roofing; Brown & Grist, Inc., Newport News, windows; Pittsburgh Plate Glass Co., Roanoke, window walls & clazing; Elliot & Co., Inc., Norfolk, paneling (U. S. Plywood Corp.) millwork; Manson & Utley, Inc., Charlottesville, acoustical; Oliva & Lazzuri, Inc., ceramic tile; Roanoke Engineering Sales Co., Inc., Roanoke, handrails (Blumcraft); Welton Co., Richmond, handrails (Newman Bros.).

Baker & Anderson Electrical Co., Inc., Winchester, did electrical work and installed lighting fixtures by: Day-Brite (Lecture & Classrooms), Rambusch (Auditorium), Century (Stage), Lightolier (Art Gallery), Lam Practice Rooms, Kirlin (Corridor Lighting) and McPhilen (Exit Lighting).

Also: Dominion Elevator Co., Inc., Salem, Elevator; Skyline Paint & Hardware, Inc., Roanoke, hardware; Dover Elevator Co., Greensboro, N. C., hydraulic type Orchestra lift; N. B. Handy Co., Lynchburg, stage Ventilators, and Duvinage Corp., Hagers town, Md., spiral stairways.

Do tell the Virginia Story

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A 22 ACRE RURAL SITE, completely covered with large trees is the location of this residential and commercial development located half mile from Blacksburg and the VPI campus. The area is adjacent to the new 460 by-pass round Blacksburg.

The commercial development includes a motel-restaurant complex and an office building with commercial shops on the ground floor. These units will be located on Prices Fork Road, which will serve the complete complex.

The residential development will include apartments of three floors, two story town houses and two high rise apartment buildings. All buildings will be designed to give a home atmosphere in a rural setting. All utilities will be underground. Green open space, playground areas for children and the many large trees will provide a pleasant atmosphere for living.

The first phase of development will consist of apartments. The buildings will contain twelve apartments and be three stories in height. Exposed brick and block walls will be a feature of the interior. Flat concrete floor slabs will be used and left exposed for finished ceilings. All apartments will be air conditioned. Each apartment will have a different exposure and be separated from other apartments by the central stair core.

The complete project is planned to be developed over a period of five to seven years.
BLACKSBURG MUNICIPAL BUILDING

ROBERT L. MILLS - Architect

A SQUARE CONCRETE and brick structure housing the Council Chamber is the dominating feature of the new Municipal Building for Blacksburg.

The Council Chamber is separated from Administration facilities by a lobby which serves both functions. The chamber has eight concrete columns 10" x 26" expressed inside and outside, 15' high, on which 1' x 3' concrete beams rest, supporting a concrete roof structure with 1' x 3' concrete fascia. All concrete will be exposed and painted white to contrast with the dark brick cavity walls between the concrete columns. A 3' deep band of gray glass goes completely around the building between the 3' deep beams. Lighting will be recessed in the concrete roof both inside and outside. Heating will be by fresh air baseboard diffuser located between the columns. The floor will be carpeted and have theater type seats to accommodate 100.

PAGE THIRTY

The connecting lobby will have entrances from the north and the south with the north entrance on a split level, the upper level containing the Council Chamber and Administration and the lower level containing the Police Department. The lobby will have a Luminaire ceiling and terrazzo floor.

Housed in the Administrative Department will be the town manager, secretary, conference room, mayor, engineer, recreation director, treasurer, bookkeeping, utility department, vault and toilets.

Provision is made for a future second floor over this area. The structure is concrete columns, beams, and concrete joist pan system. Exterior walls will be exposed 10" brick cavity with concrete block inside. Ceiling will be regular acoustical tile with carpet on most floors. Four foot wide windows will be on each side of columns with concrete panels above and below windows. This part of the building can function entirely independently from other segments.

The lower level will contain facilities for the police department with lockers, cells, two offices, secretary, dispatcher, lounge area, interrogation room, dark room, locker room and toilets. Mechanical equipment and storage also are located on this floor. Acoustical tile ceiling and terrazzo flooring are used with exterior brick cavity walls and interior block walls.

The complete building is heated and cooled by a gas fired, rooftop, multi (Continued on page 58)
Richmond Food Stores Building, Richmond, Va.

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Spotsylvania Senior High School

FIVE GENERAL ACTIVITY AREAS for this facility are grouped in a semi-compact arrangement which utilizes a limited site and allows convenience in use and interest within the arrangement.

The academic building consists of two stories and is located in the center. It contains the basic classrooms and most of the special use classrooms, such as art, science labs, language lab, etc. It also contains the business department, vocational and industrial home economics, library, administration and guidance facilities. Science labs and business labs occupy a core area in the center of the first and second floors respectively. A corridor serving perimeter classrooms surrounds the lab core.

The kitchen-cafeteria is located between the gym and the auditorium. It can be used as a reception area in connection with the evening use of either the gym or auditorium. The cafeteria opens on a court containing an amphitheatre. This court can be used simply as a student area, or as an outdoor art exhibit space or as a teaching space.

The auditorium seats 800, is equipped with stage, stage lighting systems and has a music department adjoining. The music department contains a rehearsal room and individual practice rooms as well as storage and office facilities.

The gymnasium building includes locker and shower facilities on a basement level, and a large exercise room, health laboratories and storage room on the main level. The gymnasium itself is a large space—the roof of which is supported by an impressive post-tensioned beam 11' long and eight feet high spanning the center of the contest court. A divider curtain supported by this beam to divide the main space into two teaching stations. Bleacher seating for 2,000 is provided on two sides of the contest court. A large parking area adjoins the gymnasium and the auditorium for the convenience of patrons of night activities.

The fifty activity area is the vocational building. For noise considerations this building is detached from the others. Facilities are provided for five vocational programs plus drafting. Supporting facilities include storage, offices and related classrooms.

The structure is almost entirely prestressed concrete doubletees, supported on masonry bearing walls. The concrete roof members are generally exposed on the outside to become a cornice or decorative trim in contrast to the severe masonry surfaces.

The school is air conditioned except for the kitchen, gymnasium and shop areas which are heated and ventilated only. The classroom A-C units are self contained, incremental, three wall units. Interior laboratories use a split air handling and roof-top condensing units. Fuel used is electricity. Heat loss and gain is controlled by limited window areas, insulation in the masonry walls and urethane roof insulation.

(Please turn the page)

APRIL-MAY 1968
PAGE THIRTY-THREE
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Total construction contract
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- Gross area: 130,759 sf; cost per sf: 13.79
- Gross volume: 2,650,746 cf; cost per cf: .68
- Capacity: 1,000*; cost per pupil: 1,803.90

Contract awarded: May, 1967
Completion: Vocational and Academic: September, 1968
Auditorium, cafeteria, gymnasium: January, 1969

*Provision is made for an eight class room addition to the academic building which would increase the capacity to 1,200 pupils.

SUBCONTRACTORS & SUPPLIERS

Whitlock Construction Co., Inc., Mineral, was the general contractor.

Charlottesville firms were: Haley, Chisholm & Morris, excavating, grading, paving & exterior concrete work and W. A. Lynch Roofing Company, roofing, sheet metal. From Richmond were: Concrete Structures, Inc., precast-prestressed concrete; Economy Cast Stone Co., cast stone; J. B. Eurell Co., roof deck; The Staley Co., Inc. metal windows, doors and frames; W. Morton Northen & Co., Inc., acoustic tile; General Tile & Marble Co., Inc., tile, soapstone, terrazzo; Ruffin & Payne, Inc., millwork & wood doors; M. P. Barden & Sons, Inc., painting & caulking; Pleasants Hardware, finish hardware; Sash, Door & Glass Corp., glass & glazing, overhead doors; J. S. Archer Co., folding partitions; Harris Heating & Plumbing Co., plumbing; Rabe Electric Co., Inc., electrical work and Southern Waterproofing & Concrete Co., Inc., waterproofing.


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PAGE THIRTY-FIVE
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The decision to use a two-story building with an interior corridor was governed by the relatively high density required on a small site. In addition, school groups require a maximum of control which is afforded in this type of plan. The two story building, however, raised the problem of relationship between new buildings and old which was resolved by orienting the narrow end of the buildings toward the existing complex and by providing a walk-...
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PAGE THIRTY-EIGHT  VIRGINIA RECORD
way canopy which helped to reduce the apparent height while unifying the building grouping. The fenestration of the building and the use of roughsawn vertical redwood siding served to provide strong vertical accent in a basically horizontal mass thus relating the building form and texture to the wooded site.

The overall success of the design solution was dependent upon the success of the typical guest room which is, in effect, one and one-half rooms performing the function of two. The two-rooms-in-one approach represents an economical and functional solution to the need for semi-private yet inexpensive space for each of the three special groups. An additional economy and flexibility of space was effected by providing a wall bed in the smaller guest room thereby permitting the floor area to be used as living space during the day and sleeping space at night.

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PAGE FORTY VIRGINIA RECORD
LANE STADIUM—VIRGINIA POLYTECHNIC INSTITUTE—BLACKSBURG

LANE STADIUM construction was started in April 1964.

The West Stands and Press Box were in use for the following football season. Since then, the East Stands have been built in increments, the final stage being scheduled for completion next September. At this time Lane Stadium will have seats for 35,000 spectators, which can be increased to 60,000 seats with portable stands.

The stadium structure consists of poured-in-place concrete girders on which rest precast concrete L-shaped seat sections. These are stacked in inverted position, one on top of the other, to form the curved stadium seating tiers. As the stadium extends from its enter or 50 yard line point towards either end, seat sections are stepped forward to maintain sight lines and close proximity to the playing field. Many spectators have attested to the success of this innovation.

There are three floors within the Press Box which are all served by an automatic hydraulic elevator. The lower level, or Press Box, has three seating tiers and will accommodate approximately 175 guests of the University. The upper levels provide the latest facilities for press, radio and TV. One national broadcasting service has stated that these are "the best facilities" that they have "had the pleasure of working in."

Lane Stadium and V.P.I.'s adjoining 10,000 seat Coliseum combine to form one of the most up-to-date athletic facilities on the Eastern Seaboard.

CARNEAL & JOHNSTON — Architects

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APRIL-MAY 1968

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OF ALL THE GAMES I remember from my boyhood years two Bandy was my favorite. Bandy was an across-the-track-distant-relative of Hockey. It was without benefit of manufactured sticks, although most of us who played the game in those days had never heard of Hockey.

You didn't buy a Bandy, you fashioned one with a lot of imagination and innumerable difficulties. The source of supply for making a Bandy was in a swamp in what was then known as Scott's Addition, on the west side of the Boulevard, and north of Broad Street, and extending to the main line of the R.F.&P. Railway. Scott's Addition, incidentally, was honeycombed with rivulets which were a part of the watershed of Bacon's Quarter Branch.

When Bandy fever was prevalent among members of the Fourth Street gang a trek was made to the swamp area with its nondescript stubble growth of timber. There you selected, if lucky, an oak or hickory sapling, bent it over, tied it, and then built a fire under the inside of the curved part. When the curve was sufficiently charred so that it would maintain the curve, you then cut the sapling near the roots and did a little whittling. Then you had a Bandy that would send an old top on a line drive for the length of a dirt street and then some, provided you got a good swing at it, and the local constabulary was not around.

When a sixth sense dictated that the law was on the prowl the gang repaired to an alley between Fourth and Fifth streets. Its mouth was on the north side of Franklin and the alley was in the rear of the houses on the east side of Fourth street.

When the two team captains met on the center line of the street or alley between goals, the old top was dropped between the Bandys of the captains and the struggle was on as to who would get the first crack at the top to set the game in motion. After that it was anybody's chance. But that was not all. If by chance the old top ricocheted under the feet of an opponent who was in such a position as, we will say, with his back against a fence or other obstruction and unable to use his Bandy, you made an effort to take a swing at the top under his feet. Then he had a powerful defense. With the cry, "shinny on-your-own-side" he took a vicious swipe at your shins. This kept you dancing to avoid your cornered opponent's Bandy or from the pair of lacerated shins.

I recall one dramatic incident during a game we were playing in the alley I have mentioned. One boy got a free swing at the top which sailed at eye-level toward the Franklin street mouth of the alley. It arrived there just as Officer Portiaux (of blessed memory) peeked around a fence corner. It was a spine-chilling miss. The gang, like the Arabs, silently stole, or better still, ran away through yards and over fences.

STRUC-SHUNS

When spring buds began to appear on the city trees came this hue and cry from many a gang of kids—"Let's play Struc-shuns." This was another name for a dirt street or any other space game of baseball. Struc-shuns also stood for the modus operandi of choosing sides to equalize the odds occasioned by some gang members not being Ty Cobbs, Christy Mathewsons or Babe Ruths. The side-choosing was indeed a ritual. It was effected by two self-appointed captains and a baseball bat.

Starting at the lower end of the shank of the bat, the captain alternated by curving their fists progressively around the shank, working toward the top. The last captain to curve his fist made every effort to leave a minimum of purchase room for the fingers of the other captain. If he could find enough space at the top to grab what was left of the shank he threw it over his shoulder. If successful he could choose his team with some minor concessions to the weak players. The same ritual was employed to choose which team was first at the bat. The captain who couldn't get enough grip on the shank to throw it over his shoulder was out of luck. His team took the field and the game was on.

(Continued on page 59)
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Tell the Virginia Story APRIL-MAY 1968 PAGE FORTY-THREE
"Socrates died like a philosopher, but Jesus Christ like a God." Thus was ended perhaps the most famous sermon ever preached in the history of Virginia. The church, the walls of which reverberated with those words and the impassioned discourse which preceded them—is no more. A crude reproduction of that once backwoods sanctuary, known as "Belle Grove" is in Howe's "History of Virginia." (reproduced herewith)

But who was the minister on a certain Sunday long ago who inspired a masterpiece of rhetoric from the pen of William Wirt as recorded in his volume, The British Spy?

We venture that in the category of students of Virginia's history their name is legion who never heard of the

PAGE FORTY-FOUR
a thousand times. I had thought it exhausted long ago. Little did I suppose that in the wild woods of America I was to meet with a man whose eloquence would give to this topic a new and more sublime pathos than I had ever before witnessed.

"As he descended from the pulpit to distribute the mystic symbols, there was a peculiar, a more than human solemnity in his air and manner, which made my blood run cold, and my whole frame shiver.

"He then drew a picture of the sufferings of our Savior; his trial before Pilate; his ascent by Calvary; his crucifixion, and his death. I knew the whole history; but never, until then, had I heard the circumstances so selected, so arranged, so colored! It was all new, and I seemed to have heard it for the first time in my life. His enunciation was so deliberate that his voice trembled on every syllable, and every heart in the assembly trembled in unison. His peculiar phrases had that force of description, that the original scene appeared to be, at that moment, acting before our eyes. We saw he very faces of the Jews: the staring, rightful distortions of malice and age. We saw the buffet; my soul kindled with a flame of indignation, and my hands were involuntarily and convulsively clenched. But when he came to touch on the patience, the forgiving meekness of our Saviour; when he drew to the life, his blessed eyes streaming in tears to heaven; his voice breathing to God a soft and gentle prayer of pardon on his enemies,
CONVENTION NOTES

Keynote Speakers

The urban crisis and the architect's role in helping solve it will be discussed in sessions on MAN/ARCHITECTURE/NATURE at the 1968 convention of The American Institute of Architects, Robert L. Durham, FAIA, president of the AIA, said. Keynote speakers for the June 24 session on "MAN" in Portland, Oregon, are Whitney M. Young, Jr., Executive Director of the National Urban League, and Gene C. Brewer, Chairman of the Board of the National Forest Products Association and President of U.S. Plywood-Champion Papers, Inc. Donald Canty, Editor of Urban America's CITY magazine, will be discussion leader.

Under Mr. Young, the Urban League has been in the forefront of the civil rights movement. It has broadened its approach and services, and launched new programs aimed at providing equal opportunity for Negroes in employment, education, housing, health, and welfare. Mr. Brewer has been active in the forest products industry since 1937, when he went to work on the production line at U.S. Plywood Corp. By 1959, he had worked his way up to the presidency. He continued to hold that title, when in 1967, the firm became U.S. Plywood-Champion Papers, Inc. He has always been active in both business and civic affairs.

The AIA convention will be held in Portland, Oregon, June 23-27, and in Honolulu, Hawaii, June 28-29. This represents the first time in AIA's 111-year history that the convention has been held in either city and bridging such a vast area. "The precedent," Mr. Durham said, "is symbolic of the great challenges facing the nation's architectural profession in meeting the urban crisis." AIA is the national professional society of 22,200 of the nation's architects.

Purves Memorial Lecture

Miss Barbara Ward, internationally known author, editor and economic interpreter, will address The American Institute of Architects in Portland, Oregon, on June 25.

Regarded as one of the most influential writers in England, Miss Ward was formerly Foreign Affairs Editor of "The Economist" of London. Her most recent book is "The Rich Nations and the Poor Nations." In private life, Miss Ward is Lady Jackson, wife of Sir Robert Jackson, senior consultant to the United Na...
ions Development Program. For a number of years, she has been a visiting lecturer and research associate at Harvard University, and a Carnegie Fellow.

At the AIA Convention, she will present the Purves Memorial Lecture with an address titled “Hope for an Urbanizing World.”

Mrs. Johnson Presents
First B. Y. Morrison Memorial Lecture
At NATURE Session

Mrs. Lyndon B. Johnson will address the national convention of The American Institute of Architects on June 26, in Portland, Oregon. Robert L. Durham, FAIA, the Institute’s president, said the first lady’s appearance will highlight the NATURE session of the 1968 convention theme, MAN / ARCHITECTURE / NATURE. Mrs. Johnson will present the first of the B. Y. Morrison Memorial lectures, sponsored by the Agricultural Research Service of the U.S. Department of Agriculture in honor of the first director of the National Arboretum.

Speaking with Mrs. Johnson will be a distinguished panel headed by Orville L. Freeman, Secretary of the U.S. Department of Agriculture; Dr. 

(Please turn the page)

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APRIL-MAY 1968  PAGE FORTY-SEVEN
IN A PREPARED STATEMENT delivered recently before the Subcommittee on Public Buildings and Grounds of the House Committee on Public Works, The American Institute of Architects formally endorsed two bills on Capitol-Hill architecture.


The second bill, S.J. Res. 74, introduced by Senator Jennings Randolph (D.-W.Va.) covering points one and two above, has already been passed by the Senate.

Speaking for the AIA, President Robert L. Durham, FAIA, of Seattle Wash., and David N. Yerkes, FAIA of Washington, D.C., pointed out that the Institute has urged adoption of legislation calling for long-range planning and study of Capitol Hill space needs for more than ten years. Noting that the national capital should be an example of farsighted, comprehensive planning and wise design policies for the entire country, Mr. Durham cited the recorded concurrence of other professional organizations, such as the American Society of Landscape Architects, the American Institute of Planners, the Garden Clubs of America, as well as many members of Congress.

AIA NEWS

(Continued from page 47)

M. Gordon Wolman, a member of the AIA Potomac Planning Task Force and Chairman of the Department of Geography at Johns Hopkins University; and Marvin B. Durning, a Seattle attorney, who was named "National Conservationist of the Year," in 1965, by President Johnson.

AIA ENDORSES BILLS ON CAPITOL HILL ARCHITECTURE

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PAGE FORTY-EIGHT VIRGINIA RECORD
The Joint Committee on the National Capitol, and the Commission of Fine Arts.

"It seems incredible," he said, "that Capitol Hill—an area of unsurpassed national interest and importance—would not have the benefit of comprehensive planning." Architect Duram stated that a carefully prepared plan will significantly reduce delays in bringing building projects to completion, eliminate unnecessary waste of construction funds, and produce a complex of buildings which will function more efficiently.

AIA also urged a periodic updating of the comprehensive plan and the establishment of an effective procedure for selecting architects for the work.

**Two VPI Students Win Eighth Annual Reynolds Award**

**Two Virginia Polytechnic Institute students who collaborated in the design of an "Inflatable Camper" have been named winners of the eighth annual $5,000 Reynolds Aluminum Prize for Architectural Students.**

The students are Charles R. Ansell, 3, of Virginia Beach and John W. Radford, 21, of Arlington. Both are fourth-year students due to graduate in 1969.

Selection of the 1968 winners was announced by Reynolds Metals Company, sponsor of the prize, and The American Institute of Architects, which administers the competition for the "best original architectural design which creative use of aluminum is an important contributing factor."

The prize will be presented during the AIA Convention in Portland, Ore., June 23-27. The cash award is divided equally between the school and the winning design team, with the stipulation the students use the money for further architectural study or research.

The "Inflatable Camper," made of aluminum-impregnated plastic, is designed to inflate into an eight-foot-high dome with a 10-foot diameter complete with an inflated floor. Both dome and floor are inflated with gas, produced by a simple chemical reaction.

The design also includes a "living kit" consisting of water tank, sink, propane gas light and heat, cooking plate, cleaning system, and waste disposal unit.

The entire unit—camper, floor and living kit—folds to suitcase size and weighs only 50 pounds.

The design calls for the camper's exterior and interior plastic walls to be heat sealed in grids to form the cellular construction.

"This modest and witty design appropriately balances feasibility and fantasy in its technique," the AIA jury report says. "Its program is relevant to the growing outdoor and recreational needs of the country, and its form derives easily and elegantly from structure and use.

"Aluminum is employed for properties other than its structural ones: the fabric of the double dome is impregnated with aluminum for durability and for thermal insulation through reflection inside and out. . . . The inflated double dome with integral air mattress floor as part of a mechanical survival kit is well conceived. The details of the structure of the tent, which are essentially the architect's responsibility, are designed in some depth, while the mechanical elements are considered in full scope with an appropriate sketchiness."

Jury members were chairman Robert Venturi, AIA, of Philadelphia;
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Ralph Rapson, FAIA, head of the University of Minnesota's School of Architecture; and Evans Woollen, AIA, of Indianapolis.

Mr. Ansell is the son of Mr. and Mrs. L. H. Ansell, 1609 Dendron Drive, Virginia Beach. Mr. Bradford is the son of Mr. and Mrs. William E. Bradford, 1153 N. Jefferson Street, Arlington. Both are married.

Both students are campers themselves and applied their own experience to design of their project over a period of several months. They believe their design is feasible for production and marketing and hope to see it commercially tested. They believe the dome has uses other than recreational, such as for migrant housing.

Reynolds Metals Company established the student prize program in the 1960-61 school year "to encourage creativity in architectural design and to stimulate the interest of America's future architects in the design potential of aluminum."

Sullivan Reproduction
Available

- Because of the renewed interest in the Chicago School and Louis Sullivan's ornamentation, as a result of the re-opening of the Chicago Auditorium, the Chicago Chapter, American Institute of Architects is making available a limited number of reproductions of the Sullivan ornament from the famous Garrick Theatre.

The ornament, designed by Sullivan himself, was used on the five great arches over the proscenium of the theatre. Generally considered to be some of Sullivan's best ornamentation, the design is a star pod pattern originally executed in plaster. The Garrick Theatre was part of the Schiller Building, designed by Adler and Sullivan in 1892, and demolished in 1961.

The reproduction (shown at left) has been carefully and accurately cast from an original mold and measures approximately 26" x 30" x 2". Reproduced in plaster, the plaque weighs approximately 25 pounds, and has a simple wood frame. The plaque is shipped from Chicago in a wood crate and comes ready for hanging. This faithful reproduction of Sullivan ornament is ideal for display in an office or home and makes an excellent gift for clients, schools or museums.

Interested A.I.A. members and others should contact the Chicago Chapter, A.I.A., 101 South Wacker Drive, Chicago, Illinois 60606.
John B. McGaughey, P.E., President of the Professional Association, which has offices in Norfolk, Washington, D.C., Rome, Italy and Benghazi, Libya, announced that Richard N. Anderson, Jr., A.I.A. will manage the Richmond Office.

McGaughy, Marshall & McMillan is one of the largest design firms in the United States. Their work ranges from heavy engineering, bridges, highways and utility systems to commercial, residential and interior design with a total staff in the various offices averaging 200 professional and technical people. Within the firm are facilities and personnel to perform site investigation and selection, surveys and topography, mapping, boring, engineering studies, master planning and site planning as well as the complete design of any type of building including all engineering aspects.

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The promotion of E. K. Love to the post of chief underwriter in the ordinary department of Home Beneficial Life Insurance Company has been announced by R. W. Wiltshire, resident.

In his new capacity, Love will have the responsibility of determining on that basis an application for insurance will be accepted by Home Beneficial.

Love joined Home Beneficial Life in 1935 and was transferred to the company's home office in Richmond in 1947.

NAAMM Drafts
Window Specifications

The National Association of Architectural Metal Manufacturers (NAAMM) has announced completion of final draft of recommended specifications for high-quality commercial and monumental windows fabricated from all of the architectural metals. Development of these specifications has been in progress for more than seven years.

The new multi-metal window specifications have been the assignment of NAAMM Window Specifications Task Group established by the Association's Wall, Window and Entrance Division. The Group is headed by George C. Griffin, President, Griffco Aluminum, Inc., Jacksonville, Florida; technical supervision has been provided by Wayne F. Koppes, A.I.A., NAAMM's Technical Director. Members of the Task Group include representatives of the major producers of heavy commercial and monumental windows fabricated from all the architectural metals.

William N. Wilson, the Association's executive Secretary, pointed out that acceptable specifications are currently available for the types of high-quality windows produced by NAAMM member companies, despite the fact that the need for such specifications has long existed.
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(Continued from page 17)

Jeiling. A mansard roof of batten seam green metal conceals the roof mounted heating-air conditioning equipment.

The heating and air conditioning is supplied by three self-contained gas-fired units. These units service three areas of the building: one for the basement; one for the north side and one for the south side of the first and second floors respectively.

The property on which the building is being erected was the residue of land acquired for multi-family use when Fairfax County acquired an interior 2 acres on the site of the Richard Byrd Branch Library. It was rezoned to a C-OL, low rise office zone, which permits a building no higher than 45 feet. Under county ordinance, the printing establishment must be confined to the basement of the building, and cannot include the massive printing machinery on which newspapers are printed. Composition and artwork of the Independent will be done in the building, but the newspaper will be printed elsewhere.

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zone air conditioning unit. Most areas will be lighted by indirect fluorescent lighting.

The site, occupying a complete block, will be landscaped to preserve as much green, open space as possible. The site formerly housed the old Norfolk & Western Railway Station. Parking will be provided for approximately 50 cars in addition to 10 police cars. The sloping terrain will allow the building to be the dominating feature from Main Street and U. S. 460 with the majority of the parking located at the lower part.

Stone will be used around the building beneath the 4' roof overhang of the Council Chamber and around the Administration unit.

Construction is expected to start early Spring on the 11,000 square foot structure.
In our bailiwick around Fourth and Grace we played summer night game, an abbreviated ball game I shall designate as “Hit the Wicket.” The bases were the four corners of the intersecting street with home base at a telephone pole on the southeast corner. A wicket usually part of an old broom handle, was leaned against the pole. The batting order of players was through, as I recall, the “Vench” stem—“Vench to be first batter, etc.” There was always a fall guy who was IT. He roamed restlessly in the center of the intersection. The batter was supposed to hit the wicket so that he could run around the four corners before IT beat him with the recovered wicket to the home base. He failed to make the circuit safely, he was IT. The nextatter took his turn, and so on. It was a great sweat-producing game on a hot summer’s night, but it was fun ne plus ultra.

Then there were the homemade varieties of Prisoner’s base, sometimes called “Cops and Robbers,” although the methods of playing them were distinctly different. The prisoner Base version consisted of choosing up sides, then drawing a neutral line down the middle of the street. The object was for members of each side to invade the other territory and taunt their opponents without being caught. One was caught he became a prisoner and had to be rescued by being touched by a member of his group before any of those guarding the prisoner caught the rescuer. Then he wasn’t safe until rescuer and rescued had safely made their territory.

The game of “Cops and Robbers” as I remember it was removed from the more or less refined parlor game of Hide and Seek. “Cops and Robbers” was essentially an indoor game for boys with a more or less wide range of activity on terrain sometimes several city blocks in area. The Robbers were allowed a certain time to hide, their hiding places known to a member of their band who accompanied a “Dick” on their search for the culprits. Should the “Dicks” be in close proximity to the Robbers, or Robbers’ ding place at any time, they were told by the guide that they were “warned” or “hot” or “getting cool.” If the hiding Robber was passed by and there was a reasonable chance to take the home base he lit out. If a “Dick” should spot him, he chase and capture him before he reached the base he as again a prisoner. The number of Robbers who made a base successfully or were captured ensured determined a winner of the game.

Some others of the strictly boy games included “Knucks,” Duck on Davy,” “Caddy” and “Mumble Peg.” In the use of “Knucks” a small round hole was dug in the ground, and from a certain established rolling line you had to make a hole in one roll or toss with a major-sized Top or marble of from 1 to 1 1/2 inches in diameter. If you missed, in came a very painful penalty. You were required to feel behind the hole and place a clenched fist, knuckles posed as a target for the Top in the hands of all those playing the game.

Duck-on-Davy required some real skill. Two large stones were placed at a designated distance. The smaller stone was placed at a designated distance. The smaller stone was posed as a target for the Top in the hands of all those playing. Beware the fly in the air and then with the flat side of the paddle you knocked it as far as you could. It took speed and timing from the time you set the “Caddy” peg in motion.

**MUMBLE PEG**

“Mumble Peg” was another tricky game, usually played by two or three boys. Many of our parents thought the game dangerous because it was played with the blade of a pocket knife: the blade wide open and placed on the inside of your clenched fingers. The skill consisted of tossing the knife in the ground. The higher you threw the knife vertically with a twisting motion the greater the risk of landing it so that it would be sticking up vertically in the ground.

At school we played a fast kick football game with a big black Rugby ball. You couldn’t touch the ball, only kick it in defending your goal or crossing that of your opponents. Then there was “Jack Rocks” played with a small rubber ball and “rocks” having eight protruding arms. The trick was to bounce the ball in the air and pick up as many rocks as you could, catching the ball as it descended.

At what we considered a manly age (about 10) we were either afraid of girls or considered it “sissy” to play with them, or if we did were often dominated as to our gentlemanly behavior by a big sister, and it was awful!

This brings me to such boy-and-girl games as emerge from the limbo of the years. An indoor game generally played at a birthday party was “Going to Jerusalem” which was played as follows—One chair less than the number of players—chairs placed so as to form a circle or in rows, so every one marches around the chairs. Then when the music suddenly stops—every one rushes for a chair. The one without a chair drops out of the game. Another chair is then removed from the circle and the game continues until one chair is left for the two remaining children to scramble for.

**RAISE THE GATES**

Two players facing each other join hands as high as they can reach, making the “raised gates.” All other players march through the gates and around the players forming the gates, passing through again and again and chanting

Raise the gates as high as the sky
And let King George and his troops come by;
Here comes a light to light you to bed,
Here comes a hatchet to chop off your head.

Chip Chop
Chip Chop
Chip Chop
Off goes your head!

When the “Chip Chop” line is reached the chant may be sung again and again so no one knows when the gates will be lowered, but at any time the “gates” may begin to sway from side to side and on the last line they come down and imprison the player then passing through. The player is eliminated and the game continues until all players have had their heads chopped off.

**DROPPING THE HANDKERCHIEF** or “TISKIT TASKIT”

This was usually an out-door game played on a lawn or grassy plot. A group of children formed a ring, excluding one child, and all sing “Tiskit, Taskit, Green and Yellow Basket. I wrote a letter to my love and on the way I dropped it. A little boy picked it up and put it in his pocket.”

(Please turn the page)
Meanwhile the extra child runs around the circle and drops the handkerchief behind one of the children, who may or may not know that it has been dropped. As soon as the player sees that the handkerchief has been dropped behind him he picks it up and runs after the one who dropped it.

If that child is caught before he reaches the vacant place left open by the chase, he has to be “IT” again. But if he does reach it the chaser has to be “IT.”

As I could not recall the exact details of playing the game Chum, Chum Lou, a friend supplied the description, saying: “I recall that as a child sitting on my front porch on West Clay Street watching the young men and women (who would now be classed as ‘teen-agers’) gather at the corner under the street lamp, as many as 15 or 20 couples, and usually there would be some one with a banjo or guitar. They would start off with

“Get you a partner, Chum Chum Lou
Get you a partner, Chum Chum Lou
Get you a partner, Chum Chum Lou
Get you a partner, Chum Chum Lou
Chum Chum Lou, my darling”

Other choruses I remember, partly because of their fantastic meanings, all sung three times with the same last line as above:

Flies in the Buttermilk, Chum Chum Lou
* * * *
I'll get another one, good as you
* * * *
Can't get a biscuit a potato will do
* * * *
I feel, I feel, I feel like a morning star
* * * *
Ducks in a haystack quack, quack, quack

and one verse:

Shoo Fly, don't bother me
Shoo Fly, don't bother me
Shoo Fly, don't bother me
I belong to Company C

The entire intersection would be taken up with couples in a ring, all dancing to the music of the instrument and singing, as the odd man out chose a partner from a couple, making the other man go hunt for a partner.

A half a century ago bonfires in Richmond were as much a part of the celebration of Christmas as were Christmas trees, eggnog, all-day open houses and “hanging the stockings by the chimney with care.”

About these bonfires,—No, they were not municipal promoted or supervised. They would lose their appeal particularly the excitement of the swipe finesse and risk detection by the local constabulary, incident to employing the swipe technique which resulted in a stock pile of necessary fuel.

The sponsors of these bonfires so to speak, were gangs of boys that hung out at various pet locations in the city. There were the “Hobos” with headquarters at Third and Main Streets; the “Oreoles,” whose favorite rallying point was at Monroe and Franklin, and the Fourth Street Gang of which I was a small-fry member, to mention but a few.

It is circa 1900 A.D., two weeks or more prior to Christmas Eve. The terrain of operations included dark alleys wherein could be found old wooden flour barrels, in those days receptacles for ashes and other household litter. The terrain operations, however, had to be limited in scope so to be within a radius of a safe storage place where the “swiped” fuel would remain undetected.

As far as the Fourth Street Gang was concerned, one safe storage I recall was found in the basement of a residence in the 400 block East Grace. The presence of the illegal obtained fuel apparently was unknown to the occupants whose son was a gang member. The Gang’s favorite rallying point was at Fourth and Grace Street, which was Christmas Eve and Christmas Day was the site of our bonfires.

Those who filched the barrels under the cover of night and particularly on Fridays and Saturdays were not juvenile delinquents, but just characterized as bad boys, in many instances, parents of the boys in the gangs and the plainclothed members of the constabulary were aware that the law was being cracked, but conveniently looked the other way as many of them in their juvenile days had been guilty of such misdemeanors.

The bonfires were usually started on Christmas Eve night following the parade on Broad Street. This parade with every individual, juvenile or adult, equipped with a five cent tin horn created a bedlam that is hard to describe. Both sides of Broad Street were jammed with horn blown until far into the night in many cases. But after all, the bonfires that sprung up all over the city at the rally points of the gangs were the very essence of an old time Christmas in Richmond.

I plead the Fifth Amendment for not giving further testimony.
BLIND PREACHER
(from page 45)

Father, forgive them, for they know not what they do"—the voice of the preacher, which had all along faltered into a fainter and fainter, until his utterance being entirely obstructed, by the force of his feelings, he raised his handkerchief to his eyes and burst into loud and irresistible flood of grief. He effect is inconceivable. The whole house resounded with the mingled roars, and sobs, and shrieks of the congregation.

"It was some time before the tumult had subsided so far as to permit him to proceed. Indeed, judging by the usual, but fallacious standard of my weakness, I began to be very uneasy for the situation of the preacher. Or I could not conceive how he could be able to let his audience down from the heights to which he had led them, without impairing the solemnity and dignity of his subject, perhaps shocking them by the abruptness of the fall. But no; the descent was as beautiful and sublime as the elevation had been rapid and enthusiastic.

"The first sentence with which he broke the awful silence was a quotation from Rousseau, 'Socrates died like a sophist, but Jesus Christ like a God!' If he had been indeed and in truth an angel of light, the effect could scarcely have been more divine."

As to the career of this backwoods spiritual orator we read in W. W. Scott's "History of Orange County" (published in 1907) the following:

WADDEL, JAMES. Born 1739, either in Ireland or else on the Atlantic while his parents were en route to this Country. It is not known that he ever resided in Orange, but his name is indelibly associated with that of the County by reason of William Wirt's celebrated apothecaries in him in the British Spy. He built the church, known as "Belle Grove." His home was "Hopewell," the residence of the late Mr. Clay Baker, on the Charlottesville road, near the corner of Orange with Louisa and Albemarle. He was buried at Hopewell, and an imposing but unpretentious marble shaft marked his grave. The "Wadde Memorial" Church near Rapidan was named for him, and permission was got from his heirs to remove his remains thither. Mr. Baker spoke of it as "a God!"

"It is not to be supposed that he could be able to let his audience down from the heights to which he had led them, without impairing the solemnity and dignity of his subject, perhaps shocking them by the abruptness of the fall. But no; the descent was as beautiful and sublime as the elevation had been rapid and enthusiastic.

"The first sentence with which he broke the awful silence was a quotation from Rousseau, 'Socrates died like a philosopher, but Jesus Christ like a God!' If he had been indeed and in truth an angel of light, the effect could scarcely have been more divine."

Mr. Scott also records that "in 1786 the congregation in Orange, there being no Episcopal clergyman in the County, engaged the services of James Wadde, the blind Presbyterian minister, to preach for them two years. Forty pounds were subscribed, and the subscription was expected to raise sixty pounds. He not only preached for them but also administered the Sacrament of the Lord's Supper."

With the aid of another eminent historian, Malcom H. Harris M.D., author of "A History of Louisa County" (Dietz Press, 1936) we learn other details of this remarkable divine's life.

"Having been educated," writes Dr. Harris, "account of injuries, that he might make his living more easily he attended a seminary one year, and came to Virginia to assist Parson Todd in a school at Payne's Mill."

"Here the young instructor became intimate with Mr. Henry and Mr. Davies* and other worthies of the day. In addition to his duties he took up the study of theology which Mr. Todd held and encouraged him in, so that he was licensed a probationer by the Presbytery on April 28, 1761."

"The next year he left Louisa to take charge of churches in the Northern Neck, and from here removed at the request of the Tinking Springs Church at Augusta County, where he remained from 1778 until 1785, when he retired to his farm, "Belle Grove," in Louisa, near Gordonsville. Here he preached to several churches and conducted a school at his home; among his scholars were Merriwether Clark and Governor Barbour. It was here, at a wooden church with a scant audience that Wirt describes him in The British Spy.*"

* (Note: Dr. Scott was here referring to Patrick Henry and the Rev. Samuel Davies whom Henry represented in the famous "Parson's Cause" G.W.J., Jr.)

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PAGE SIXTY-TWO VIRGINIA RECORD
The White House except Woodrow Wilson, who died defeated by the operators of political machinery and is virtually unknown by the generation of Americans who will control the country thirty years from now.

The result of this compartmentalization will be, according to the study sponsored by the American Academy of Arts and Sciences, the end of the present forms of democratic government, which will be superseded by an intellectual, technological elite. It would be stressed that such fundamental predictions in the report were based upon the direction of current trends studied against historical data. As it comes across to me, the government by an intellectual elite would include the specialists now separated in private or non-government enterprises—such as scientists, management executives and philosophers in the broader meaning of men and women engaged essentially in work of the mind. By this definition, the elite would include those sociologists, psychologists and psychiatrists whose minds encompassed the problems of mankind in adjustment to a technologically changing environment. The governing elite would certainly include urbanologists and agriculturists, and planning traffic engineers who could envision a jump beyond the endless creation of more highways for more and more automotive vehicles. In summation, the government would consist of a body of responsible specialists which, like the Utopian clinic, would have a directing board responsible for the whole state of the citizenry.

If any anticipation is to be made of problems that are arising, to develop remedies before solutions become impossible, some such change in the form of government will be necessary. In any

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Tell the Virginia Story

APRIL-MAY 1968
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governing group of anything whatsoever; even a board of visitors of an educational institutional, there will always and inevitably be political maneuvering and manipulation. The Commission's study was not so naive as to suppose an intellectual, technologic elite would be free of political operations. But presumably skill at the strategy and tactics of politics would not constitute the chief qualifications of those in the governing body—any more than it does in the operation of huge industrial corporations. Presumably also the use would be made of men and women of mental capacity with no interest in political maneuver.

While this whole concept might sound futuristically idealistic, as a matter of fact in the 18th century Virginia was controlled by a governing elite when it became the outstanding colony in America, the leader in the Revolution and, through deference by the other colonies, the chief architect of the nation. That was, of course, an incomparably simpler age. Men were not required to narrow their thrusts in compartmentalized specializations. The leaders in Virginia's "golden age" had the time and the inclination to develop as students of history, "the lamp of experience," and to think of the common good of the citizenry. While George Washington, for example, is not thought of as a mental type—at least, not in comparison with the brilliant minds of his era—this self-educated ex-surveyor and Indian fighter was a knowledgeable student of history, with a large library of historical studies, and an active co-
spondent with the philosophical historians who, in England, were appraising their government as today scholars scrutinize the American scene more or less in privacy. In the 18th century, there was not the gap between the life of the mind and the operations of political machinery that exists today. If one understands the Report, the necessity to close this gap.

While our situation is far too complex for the members of a governing elite to be as fully founded as were the leaders in Virginia's oligarchy, the very multiplicity demands government by responsible specialists. After all, in Virginia's "golden age," the number of the governing elite was small in the whole General Assembly; the majority was composed of "representatives" who either contributed little or were deadwood. Here was nothing very democratic about the Virginia government in the six of the colony's and state's greatness, nor was there—except the outward forms—in Virginia's model, Parliament.

Fact, a slanted historian could make good case of the correlation between the rise of democratic government in England with the decline of the Empire. It is highly possible that the United States was successful after the mid-nineteenth century in spite of a democracy—which permitted the ignorance of the corruption of the Grant era, the evils of the Tilden-Hays variety, the oilization of resources by the Robber Barons, the directionless 'twenties with Harding and Coolidge, the gang that fested Washington with Truman and the apathy that settled with Eisenhower, and "the credibility gap" with Johnson which foreshadows the Report's prediction that the citizens will lose interest in the democratic government. America could once afford democratic government, with its political power-groups, just as New York City could once afford Tammany Hall. Now, battalions of Lindsey-ite White Knights cannot make the nation's largest city in this advanced technological age the place it was in the days when Jimmie Walker had no more worries than changing clothes to meet visiting celebrities. And what could battalions of White Knights do in Washington to bail the country out of the consequences of policies that—among other problems—threaten the citizenry with the burden of taxes under which the citizens of Rome lost heart and even the will to defend themselves?

Even now the will to defend themselves is passing from a large proportion of the American population. Undoubtedly, this loss of will is a symptom of the "credibility gap," in the simplest meaning that these people have lost faith in elected leaders. This loss of faith is reflected in many other current attitudes, leading to a gradual disinterest which—according to the report—will open the way to a governing elite.

This, of course, assumes that the governing elite will be composed of Americans. But Inez Robb is not alone in having friends who are gathering data for a history on "The Decline and Fall of the United States."
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