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*By virtue of the authority vested by the Constitution
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there is hereby officially recognized:*

AMERICAN INSTITUTE OF ARCHITECTS VIRGINIA CONSTRUCTION INDUSTRY WEEK
1976

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THE RESURGENCE OF VIRGINIA AND THE SOUTH IN
RECENT YEARS HAS BEEN MARKED BY THE CONSTRUCTION
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FACTORIES, DOWNTOWN OFFICES, AND SUBURBAN HOMES AND
SHOPPING CENTERS WHICH HAVE FOLLOWED EACH OTHER IN
STEADY PROCESSION.

TAKING NOTE OF THIS CONTRIBUTION, THE INDUSTRY
ITSELF HAS SET ASIDE THE PERIOD JANUARY 25 - 31, 1976,
AS VIRGINIA CONSTRUCTION INDUSTRY WEEK, AND I CALL
THIS OBSERVANCE AND ITS MESSAGE TO THE ATTENTION OF
ALL OUR PEOPLE.

Walter D. Rucker Jr.

Governor

THE VIRGINIA RECORD MAGAZINE

DECEMBER

1975

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Published Monthly at the State Capital
By Virginia Publishers Wing, Inc.

EDITORIAL OFFICES: 301 EAST FRANKLIN STREET
Phones: 644-2722 or 644-6717

Vol. 97—No. 12

December 1975

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Subscriptions

1 Year \$5—2 Years \$8.50

3 Years \$12

Per Copy 75¢

Address All Mail to:

VIRGINIA RECORD

P. O. Drawer 2-Y, Richmond, Va. 23205

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Clifford Dawdey

A Sense of Twilight

THE DELIGHTFUL REMINISCENCES of an 84-year-old lady, recently returned to her native Richmond, recalled vividly a world which, while not forgotten, had grown dim under the impact of change. This returned native had, as an 8-year-old girl, lived next door to my father and his mother, when my father was a young man, and it was her recollections of my father and grandmother that transported me back to that other time — not as in memory, but for a brief flash as if it was all happening again.

My grandparents on both sides had been uprooted from the land by the Civil War and had emigrated into Richmond during Reconstruction with few qualifications for making a go of it in a city rebuilding from the destructiveness of war. Having been planters (not on grand scale but planters in contrast to farmers) the men not only had no profession, they were neither shrewd nor acquisitive. All the members of the family had great pride, which was probably an impediment, along with courage and self-reliance. These last qualities created very strong family units, almost tribal in the loyalties to the center of the family as a sanctuary and a sustaining source for the struggles in (at that time) a difficult environment.

By the time I came along, both of my grandfathers were dead, my father's mother lived with us and my maternal grandmother with the family of my mother's oldest sister. As I understand it now, to most of my generation and to many of the middle generation the presence of a grandmother or grandparents was commonplace, forming what is technically referred to as "the extended family."

Evidently it was mostly in the South that the extended family often included "an indigent gentlewoman," or genteel poor relation. Stark Young, in his novel of the ante-bellum South, *So Red the Rose*, published in the mid 1930s, had a moving character portrait of such a member of the family, showing her proud usefulness to the household. We also had in my Cousin Sarah such a gentle and helpful member of our extended family. None of these kinswomen were regarded in any way as a burden. On the contrary, after my maternal grandmother died, my mother told me her one lingering regret was that circumstances had never made it possible for her mother to live with us.

There was another element of the extended family in my childhood which, I imagine, was not quite so commonplace. Two blocks from my parents' house was a street on one block of which six houses were occupied by families all of whom were close kin of my mother and of one another. For me there was a grandmother, aunts, female cousins of my mother's age who were like aunts, cousins and one scapegrace uncle. A handsome, colorful man with a taste for night-life, he was totally selfish with fortunately for him a wife who lived only to serve his comforts.

Even this untypical member of the family managed, with his ready laughter and carefree humor, to contribute to my sense of a comforting world of kinspeople.

I remember their community best from the Christmas season, when it was my chore to deliver presents to each house and to return home laden down with presents for my family. In some indescribable way the quality of warm welcome so varied from house to house that the trip was like an adventure in giving and receiving love; even my self-centered, pleasure-loving uncle was so hearty that, to me as a child, his easy-going good humor seemed a part of the bountiful love of which I partook.

In my flashback in time, this family neighborhood distilled the ethos of life in that era around World War I (1914-1918). The music was mostly sentimental war songs, such as "There's a Long, Long Trail A-Winding," mixed in with popular songs from the youths of the adults, such as "School Days" and "In the Good Old Summer Time," and perhaps a year or so later a nonsense song of great popularity, "All Night Long She Called Him 'Snooky Yookums'." About the time of "Snooky Yookums" early jazz came into vogue and at one of my cousins' there was an early Edison phonograph playing records about 1/4 of an inch thick, on which I played endlessly "The Darktown Strutters Ball": "I'll be down to get you in a taxi, honey, better be ready about half-past eight."

That world of a family neighborhood, with its sentimental and novelty songs, began to fragment as the 1920s began to supplant that innocent age. By the middle of the Great Depression that physical center of our family was already in the past. With the deaths of some of the older members, except for one eccentric cousin of my parents' generation and his martyred wife, the units of the family had scattered all over the city, one to what was then called "the country," and one widow was living out her days in Florida.

The grandmothers and the Cousins Sarahs were gone except for one surviving grandmother who lived with the family in the country. With the passing of this last grandmother a few years

later also went what small vestige remained of the family's old emotional center. For this last grandmother had been the only link that held together, however loosely, the descendants of those whose parents came to Richmond after the War and who themselves shared the hardships of the post-Reconstruction period in the city.

As my younger contemporaries, small children during the World War I period, grew into adulthood and married, their spouses showed no interest in becoming part of a family whose units were physically scattered; indeed, some of the spouses were actively hostile to the very idea.

During this fragmentation of the family in its most expansive sense, I was living in New York or in other places outside this area, and I did not feel the impact of this loss until I returned to Richmond at the end of World War II. When my father died shortly after my return, I soon saw that my mother had been for all practical purposes left alone, when for so many years of her life she had lived at the heart of a warm, close family. Quite suddenly there was no family as I had remembered the embracing network of kinship.

After the first shock of loss for my mother, I began to recall remarks my father had reiterated every time I was home for a visit during the Depression. With sorrow in his voice, he would say, "The trouble with what's happening to people in this Depression is that families don't look after their own any more."

When he would say that, I did not truly comprehend what he meant. I had assumed he was referring to looking after their own in a physical sense, as we had with my grandmother and Cousin Sarah. After all, although the units of our family were scattered, I knew of none of them in want, and at that time the last surviving grandmother was living with her oldest daughter's family as a loved and revered matriarch. But after my mother's widowhood began in the mid-forties I realized that my father, having been on the scene from which I had been absent, meant something deeper than, and beyond, the mere taking care of physical needs. He had been sensing the implications of

the dissolution of the center of our family and its fragmentation into small, separate units.

I do not mean to suggest any profound foresight in my father. He was not a learned man, nor with a philosophic turn of mind. Except for considerable history when he was younger, I don't recall him reading much except the daily papers (the *New York Times* on Sunday, which he read thoroughly) and the *Bible* and *New Testament*, of which he had an intimate knowledge, having for years taught a men's Bible Class. While no spouter of Biblical quotations, he would on occasion come up with an extremely apt quotation to make a point in support of his strong feelings about the relationships between parents and children. Since he had been a devout family man, totally home-centered, I think now that he *felt* a threat to the emotional structure of the world he knew.

Today observers of the national malaise take for granted that the passing of "the extended family" in conjunction with American mobility hold a large responsibility for the attitudes and behavior of the young generations of the past decade or so. Some observers believe that American mobility caused the passing of the extended family. Which is the chicken and which the egg seems unimportant: the extended family is a thing of the past and American mobility has produced a rootless people.

However, social scientists of different persuasions also stress other factors, one of which is the so-called "permissiveness" of parents of the 1950s. There are two sub-factors in this per-

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missiveness that have received less attention. One was a postwar child-rearing philosophy that, in effect, stressed freedom from structure for the young; the other was the post-war cult of "happiness" and immediate "gratification," which inferentially denied a sense of responsibility. By now it has become clear that the young, as well as adults, need structure in their lives, and that those living for instant gratification have developed a variety of personality problems of which the most common are "disengagement" and aversion to "involvement."

Yet, despite all the gloomy analyses of the young, some humanistic social scientists now believe the younger generations are not as bad as painted. College revolutionaries have passed from the scene, communes and drug-users have declined, and the publicized kooks in no way represent the majority of their generation who for the most part accept the Establishment — except in their sexual mores. This openness in sexual habits is alien to the experience of the older generation, but social scientists, finding the mores are here to stay, are not inclined to list this new freedom in sexual habits as significant of any revolutionary change. On the contrary, some social scientists now feel that the sexual habits of

adolescents have been over-analyzed and over-reported in relation to what such habits might indicate about the rising generations.

There is also a mixed reaction arising about the amount of blame charged to the parents. When I was teaching a class in creative writing in the 1960s so many of the students in writing semi-autobiographical fictions made their parents, usually the mother, the villain of their lives that we had a class joke when we saw such a story developing: "if it's not one thing, it's a mother." Parents are people too. They've suffered their hurts and conditionings from their own parents and their own hurts and bewilderments from their children. The parents who promoted unstructured lives for their children and encouraged them in the happiness cult did not set out with the intention of harming their children: they made mistakes which might be said to have been endemic in the postwar American society.

The loss of the extended family and the rise of mobility in themselves broke down the former structures for the parents, and the parents' rootlessness and isolation from the large family units made them susceptible to those blandishments of the consumer society that equated consuming with "happiness." Now I am told by a

psychiatrist, of broad learning and deep involvement in medical-social studies, that the uprooted and frequently uncentered parents want "love" from their children. This seems to me a sad and desperate situation when parents, not even expecting respect, have to want love from their children.

Just as some social scientists now feel that too many studies have been made of adolescent habits and too much made of them, I feel that we have been inundated with far too many separate studies of single aspects of the whole, each representing some transiently held theory. For we have witnessed changes that come so fast that not only the most plausible theories soon lose validity, but we have lost the ability to conceive of the whole social fabric. We can perceive certain differences in attitudes and behavior between generations, but these attitudes and behavior patterns are by no means stable, nor do all individuals adopt the customs of their chronological generation.

Having experienced the benefits of the extended family, I support the social scientists and other observers who count its passing as a significant factor in social changes that have not been entirely desirable. This is not a theory. It is a fact, just as it is a fact that the processes of life cause individuals to be different at different ages — even in different environments. In the same way, the processes of social change have caused our society to be different at different ages, and also in different places.

About such things, there is nothing to be done. We might be offered theories to explain the passing of the extended family, the chief of which seems to be American mobility. Certainly people moving about without roots are in no position to establish a home in which retired and/or excess grandparents can be cared for. Yet, with no contrary facts or research, I'm inclined to believe this explanation is simplistic and limited. As with most such fundamental changes in a society, the passing of the extended family was multiply determined.

Judging from my own family's "case history," mobility had little or nothing to do with its dissolution. In that

(Continued on page 38)

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AN OPEN LETTER TO VIRGINIANS

From Virginia Branch, Associated General Contractors President, A. Eugene Thomas

IN THIS December edition of the *Virginia Record* we highlight a busy and constructive year in the life of the Virginia Branch, AGC. These partial accounts of the work of various committees and members and their subsequent achievements in the areas of association activities are well worth the total Virginia business community's attention.

But the meaning of this past year is something more than the sum of these activities and achievements. This has been a year of reorganizing, restructuring and reorienting the Virginia Branch, AGC.

It has been my extreme pleasure to have served as President of this dynamic Branch for 1975 and our search for new directions and new organizational tools is reflected in the progress we have made this past year.

As I write this message at year-end, we have made significant decisions to build into this new framework the combination of people and principles which will make the Branch more effective, more flexible, more creative and more responsive to both new and old needs for not only the construction industry but for all of Virginia as well. The construction community continues to honor those pioneers who laid the foundation of the Virginia Branch, AGC and those of the second and third generations who continue to develop and strengthen the work the pioneers began here so many years ago.

What we are doing now is providing the structures and the strategies for the balance of this millennium and the last years of this millennium grow very close indeed.

Along with the changes of structure has come the establishment of common goals and objectives for the branch, hammered out in full and free discussion involving both the professional staff management and the volunteer leadership. Along with the establishment of common goals and objectives has been provided the means for

regular and systematic review and for any necessary revision of all the decisions we have made and will be making.

There have been no changes made simply for the sake of change. There has been free, frank and full discussion with all concerned. I speak with great confidence when I say that in the years ahead the Branch will be able to better serve you, the Virginia community.

The Virginia Branch, I am certain, will continue the active advocacy of a creative use of quality construction through our principles of skill, responsibility and integrity.

I am most grateful to have served as the President of this great organization and will continue to work for its betterment in the years ahead.



Pres. A. Eugene Thomas

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1976

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TAKING NOTE OF THIS CONTRIBUTION, THE INDUSTRY ITSELF HAS SET ASIDE THE PERIOD JANUARY 25 - 31, 1976, AS VIRGINIA CONSTRUCTION INDUSTRY WEEK, AND I CALL THIS OBSERVANCE AND ITS MESSAGE TO THE ATTENTION OF ALL OUR PEOPLE.

Nicholas F. ...
GOVERNOR

VIRGINIA BRANCH DISTRICT ACTIVITIES INCREASE



Guy Kissinger, Jr., Deputy Director, Governor's Council on Industrial Development.



A. Eugene Thomas, State President, addresses contractor members at Valley District Meeting.



Former District President, Sonny Showlater (left), Vice President F. L. Showalter, Inc., Lynchburg and State Director, Ned Brown, Vice President, John W. Daniel and Company, Inc., Danville.



Ralph Shockey (left), President, Howard Shockey Construction Co. and A. Eugene Thomas, Virginia Branch State President.

DURING THE third quarter of 1975, the ten Branch Districts were extremely involved in membership activities. Educational programs dealing with job site security, industrial development in the State of Virginia, branch activities and goals for 1975-76, joint meetings with the architects/engineers and contractors, and a variety of social events were presented.

At Winchester, on August 19th, the area members met to attend an AGC plant tour of the Shockey and Company precast plant facility. Ralph Shockey, President of Howard Shockey Construction Company greeted the 40 members attending the tour and presentations were made by Bob Lido, Bill Tilling, Jimmy Dean and Alan Fox. Following the plant tour the members met at the Winchester Country Club for a presentation by Guy Kissinger, Jr., Deputy Director, Division of Industrial Development for the State of Virginia.

The Central District had its annual afternoon and evening outing at District President W. Edwin Cothran's cottage at Smith Mountain Lake. The afternoon was filled with such activities as swimming, water skiing and boating for the 60 members and guests in attendance.

Virginia Branch, First Vice President Sam Lionberger presented to several districts during the third quarter a program of education to architects, engineers and contractors, the **Joint Cooperative Committee's Construction Industry Guidelines**. The guidelines have been developed through the assistance of:

- Virginia Chapter, American Institute of Architects
- Virginia Branch, Associated General Contractors
- Virginia Society of Professional Engineers
- Consulting Engineers Council of Virginia

The last quarter of the year will see much activity in the area of **legislative meetings** for all the districts. The members of the Virginia General Assembly have all been invited to attend these meetings at which time branch officials will present the 1976 legislative platform for the Branch.



State President Thomas listens to explanation of precast plant facility coordination.

ASSOCIATED GENERAL CONTRACTORS ADDS TO STAFF

EXECUTIVE Director, J. F. Duckhardt announces an addition to the staff of the Virginia Branch AGC—Mr. Louis J. Schelter.

Louis J. Schelter is a native of Rome, New York. He graduated from the United States Military Academy in 1945 and was commissioned a 2nd Lieutenant in the Infantry. In his thirty years of military service, he served overseas in Europe, Japan, Korea and Vietnam. He has had two tours in the Pentagon as a member of the Army General Staff. Mr. Schelter has had extensive experience in management and administration. He holds a Masters degree from George Washington University and is a graduate of the Harvard Business School Advanced Management Program. At the time of his retirement from the U.S. Army in June 1975, he was a Brigadier General commanding the Defense General Supply Center, Richmond. Among his decorations are, the Distinguished Service Medal and the Silver Star with two oak leaf clusters. He is married to the former Edna Griffin of Columbus, Georgia. The Schelters have a grown son, Mark David.

Mr. Schelter's primary duty will be to direct the activities of the Municipal-Utility Division of the Virginia Branch. This area of construction is the fastest growing one in Virginia. The Virginia Branch, AGC plans to serve the contractors doing work in this field. Below is a job description.

M/U Division Director

I. Membership Development

Since this division is not fully established, membership development should be first priority for the first 6 months to one year.

- Develop prospect list.
- Qualify all prospects.
- Contact all prospects.
 - direct mail
 - personal call
 - through other members
- Invite prospects to meetings, school seminars, etc.

II. General Administration

- Handle routine correspondence
- Maintain records.
- Maintain staff requirements.

III. Publications

- Publish M/U information to members.
- Amass and circulate information on: Jobs to be bid; Low bidders; Contracts awarded.
- Develop membership roster.

IV. Meetings & Seminars

- Hold meetings for M/U members
 - In conjunction with other AGC meetings and separately
 - Arrange speakers and programs
 - Conduct business meetings and keep minutes and report to Board of Directors
- Arrange Seminars and Schools
 - Management programs
 - Programs for field personnel (Shoring & Trenching Schools)
 - OSHA & Safety Schools (First Aid Classes)



Louis J. Schelter

V. Establish Liaison With:

- Other professions and associations
 - Engineers doing M/U work
 - CEC
 - VSPE
 - APWA
- Users of M/U Services
 - Cities
 - Counties
 - Others
- Environmental Agencies
 - EPA
 - Water Control Board
 - Air Control Board
 - Regional Planning Districts

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Out of Country Management Conference

ONE-HUNDRED and twenty-eight Virginia Branch members and their families left New York on a Pan American 747, Wednesday, September 17, 1975, for an exciting eight day adventure in Southern Germany.

Headquarters was the deluxe hotel, Vie Jahreszeiten (Four Seasons) in Munich.

In addition to a tour of the Liebherr plant and other business programs, there was much to see and do.

There was a tour of the City of Munich. A visit to the Olympic Village started the tour which included the Deutsche Museum and Nymphenburg Palace, terminating at the Meadow, the site of the *Oktoberfest*, and a delicious German lunch.

Grandstand seats were available for the *Oktoberfest* parade. This procession included over sixty different units. There were bands and marching units

representing many areas of Germany and numerous other countries. Nine major breweries had horse-drawn wagons of beer kegs. The horses were magnificent—huge and perfectly matched. There were dances, flag twirling, whip cracking and many other performing acts.

There were no motorized vehicles in the parade. All vehicles were pulled by people or animals—horses, jackasses, and oxen were seen.

The *Oktoberfest* is an annual sixteen day celebration held in Munich. It attracts people from all over the world with daily attendance figures reaching 500,000. Each of the breweries has a huge tent seating up to 10,000 people and the beer flows like water. It is a gay happy time with very little if any bawdiness.

Tours of the beautiful Bavarian country were enjoyed by most of the members. First was a trip to Garmish, site of the 1936 Winter Olympics; Oberammergau, where the world famous Passion Play began in 1634, and is held every ten years; and to Linderhof Palace built by King Ludwig.

Another day tour was to Berchtesgaden, a beautiful resort city in the Bavarian Alps and then to Salzburg, the picturesque musical city of Austria, the birthplace of Mozart and the home of the Trapp family, made famous by "The Sound of Music."

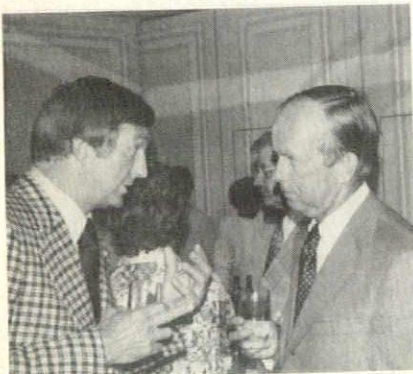
The weather was perfect and the countryside was lush and green. The bus rides through the forest, meadows

and mountains were awe inspiring—an experience and treat that will long be remembered as will the friendliness and hospitality of the German people.

The AGC "Jet Set" is already making plans for the 1976 Out of Country Management Conference.



Preston Walker, of Preston L. Walker Electric Co., McLean, chats with Harold Miller of Miller Bros. of Arlington.



Gene Thomas, of Eugene Thomas Construction Co., Inc., Alexandria, chats with Henry Taylor, of Taylor and Parrish, Inc., Richmond.



Fred Raper of Fred Raper Co., Portsmouth, chats with Buddy Cline of G. L. Cline and Sons, Inc., Portsmouth.



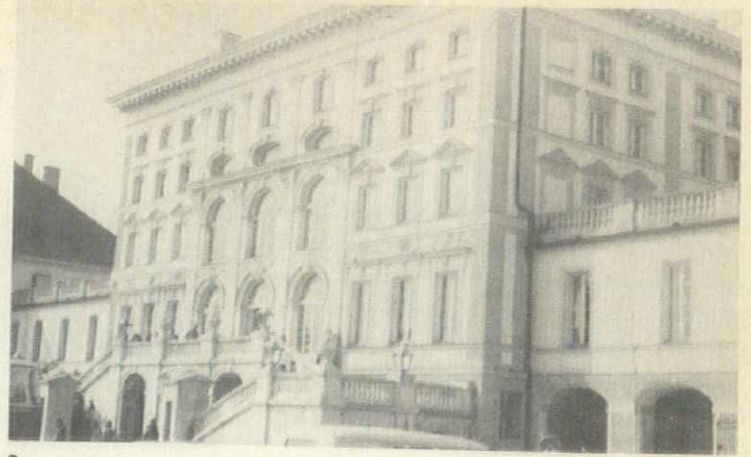
Jim Duckhardt, Executive Director, Virginia Branch AGC; Hugo M. Weichlein, local travel agent in charge of ground arrangements in Germany; Nickie Duckhardt and Willard Alley, of Virginia Travel Service (AGC Travel Agent).



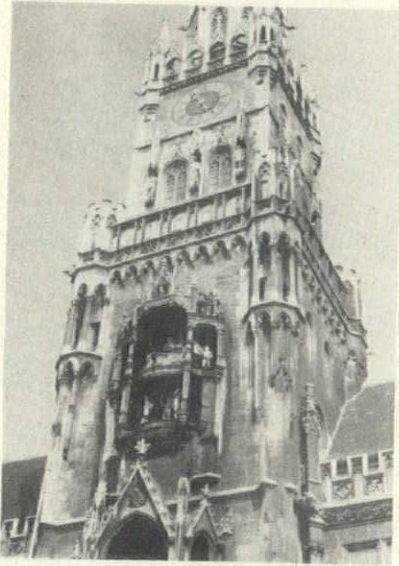
Bob Kersey of Commercial Builders, Inc., Norfolk and his wife Patsy visit with Jane Eley (J. T. Eley, Jr., Portsmouth), Fanny Steinfield (G. L. Cline & Sons, Portsmouth), and Doris Weddle (J. E. Weddle & Associates, Inc.).



1.



2.



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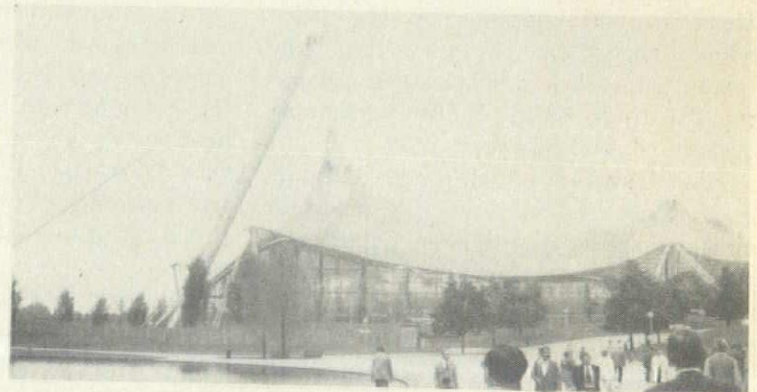
1. Gardens of Palace
2. Nymphenburg Palace
3. Glockenspiel at Neues Rathaus
4. Ceiling in Palace Reception Room
5. Bavarian Motor Works Office and Plant
6. Olympic Village Tower
7. Sports field
8. Roof over Swimming Pools



6.



7.



8.

THE BEST OF BOTH WORLDS

By Nickie Arnold

TAKE GOOD OLD American know-how and blend with that beautiful old world charm, add a large portion of love and you have Zur Kanne. Zur Kanne is a delightful restaurant in Munich, Germany, owned and operated by a beguiling young man named Claus Offermann.

Claus was born in Sacramento, California, in 1943 and moved to Mexico City at the age of 14. After attending high school in Mexico City, Claus went to Stanford University for a BA and a Masters degree in European history. He did work on a Ph.D. at the University of California and Tübingen University in Germany. "I loved Germany so, that I kept returning to study and write on my dissertation, and in 1969 I returned to teach at a small college near Stuttgart — and stayed there for two years."

It did not take Claus long to realize that there was little demand for professors of European history here in the United States, so he decided to stay in Germany and make his living. In 1972 he bought the "Kanne" with some help from his family in San Francisco. Claus learned the business from the bottom up, but this was not as difficult as it might have been due to the fact that the "Kanne" had an excellent staff and a successful background for over 22 years.

Surviving the first few months was a test of his courage—the tragedy of the Olympics took its toll on all of the merchants of Munich. But, a brighter day was on the way, Claus married his lovely German-born wife Karin, who helps him to this day with the restaurant—that is, when she is not caring for their child, Stefan Christoph, born in May of this year.

The "Kanne," which is approximately 25 years old, is a meeting place for opera singers, politicians, actors and actresses, international as well as German. Their main business is done during the evening as it is *the* place to meet and dine before and after the opera, which is just down the street. They do open for lunch during the week, Mon-



day through Friday, but unlike American restaurants, they close all day Saturday and do not open again until the dinner hour on Sunday.

"Inasmuch as we have between 140 and 160 different wines, tasting and testing is one of my big pleasures!" Karin and Claus do all of the office work, ordering, taking care of the wine cellar, inventory work, etc. In the evening Claus quietly glides through the many rooms that make up the "Zur Kanne" greeting guests and assisting the waiters, for it seems to be an unwritten rule there that each and every guest must enjoy every aspect of an evening at the "Kanne." It is also apparent that the 15 staff members enjoy what they do and moreover seeing to it that the guests do also. Claus has a great love affair going on with his line of work, but he sincerely enjoys seeing and talking with Americans, which is rare in expensive Germany. Perhaps there may be just a bit of homesickness for America there?

Claus said that his hobbies are opera, classical music in general, doing translations, (he also is writing a book of his own), taking long walks in the superb countryside and just enjoying

Munich. "I plan to stay here! I will always remain an American, but I absolutely love Germany."

Munich offers about everything one could desire and is one of the finest cities in Germany, but if you miss the "Zur Kanne," your loss will be great, because this is dining at its finest with a cost far below the high quality of their food and service.

If you have an opportunity, visit Munich, and should such an occasion present itself, enjoy the *Oktoberfest*, Christmas market, *Fasching* (Mardi gras), all the seasons in Munich, but do *not* miss this treat at the "Kanne" and getting to know a fine young man, who knew what he wanted to do with his life and did it—his way!



Liebherr Tour

AFTER a two and one-half hour drive through the beautiful Bavarian countryside and typical German villages, we arrived at Kampten in Western Germany. Here we were greeted by Mr. Hans Liebherr, President and Proprietor of Liebherr-Verzahnstechnik. This plant is one of eighteen throughout the world and they manufacture construction equipment, cranes, bulldozers and excavators. There is one located in Newport News, Virginia—Liebherr-America.

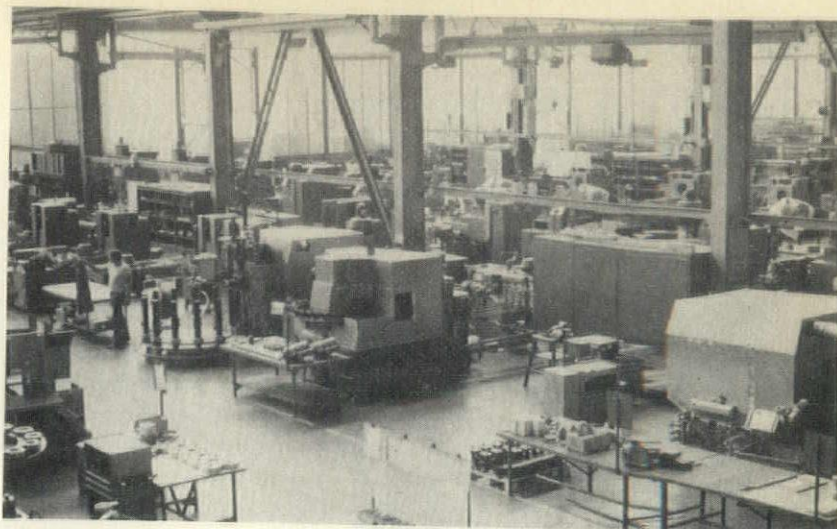
After Mr. Liebherr's welcome, the group was treated to cocktails and a Bavarian buffet in the company cafeteria. The cafeteria overlooked the village with a backdrop of mountains.

Mr. Liebherr then personally conducted the group on a tour of the plant. Everyone was highly impressed with the entire operation, from the computerized automated machinery to the apprentice training area. Everything was clean and orderly with the most modern and up-to-date techniques used.

This plant manufactured gear hobbing and tooling machines. Their customers include numerous American manufacturers of construction equipment.

Mr. Liebherr proved to be a most gracious and generous host. He spoke to us through an interpreter and said he dreamed of manufacturing construction equipment while a soldier on the Russian front. He had been a bricklayer before the war and since the war has built a small empire reaching most parts of the world. He is a dynamic, personable man, easy to talk to even through an interpreter. He really charmed the ladies who toured the plant with the men.

Mr. Eric Landler of the Liebherr Company is due our gratitude for making all of the arrangements. The tour was a complete success thanks to Mr. Landler's efforts.



Liebherr Plant



President Thomas talks with Mr. Liebherr thru interpreter.



Jim Duckhardt, Executive Director AGC, talks with Mr. Eric Landler of Liebherr. Mr. Landler made all the arrangements for the tour and lunch.



Mr. Liebherr (left) talks to Mr. Shelton of Shelton-Witt Equipment Co., Salem, Va. (distributor for Liebherr equipment in Virginia — offices also located in Ashland, Lynchburg and Wise) thru interpreter.



Liebherr employee taps beer keg.



AGC Members enjoy lunch.

NATIONAL AGC BOARD MEETING

Kansas City, Missouri

October 3-7, 1975

OVER 1600 AGC Members and their families met in Kansas City, Missouri on October 3-7, 1975, for the National AGC Board Meeting.

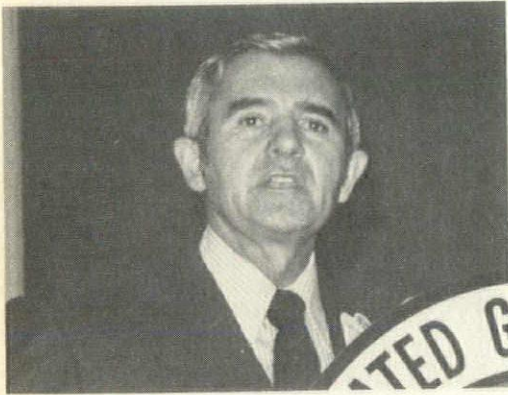
The first two and a half days included approximately 40 committee meetings of the various standing AGC Committees. The attendance was excellent at most meetings. All committee chairmen reported the results of their meetings and their recommendations to the Board on October 7.

The session opened on Monday, October 6 with a talk by Senator Paul Laxalt (R) of Nevada. His topic was the Common Situs and Labor Reform Legislation pending before the Congress. He strongly opposed the Common Situs bill in committee and promised his opposition on the floor. Also there were reports from AGC President, J. N. Matich and AGC Executive Director, J. M. Sprouse.

Nominations for 1976 National AGC officers were submitted by Nello Teer Jr., Chairman of the Nominating Committee. They are as follows: President — Ben M. Hogan, Ben M. Hogan Company, Little Rock, Arkansas; Senior Vice President — S. Peter Volpe, Volpe



Virginia Branch, AGC National Directors (L to R in foreground): Aaron J. Connor, Roanoke; Robert M. Dunville, Richmond; and R. E. Lee, Charlottesville.



"The luxury of political non-involvement has come to an end for you . . . You have to take politics from your board rooms and your locker rooms and onto the playing field if your rights as managers are to survive" . . . Senator Paul Laxalt of Nevada at the AGC Midyear Board Meeting, October 1975.

Construction Co., Malden, Massachusetts; Vice President — Laurence F. Rooney, Manhattan Construction Co., Muskogee, Oklahoma; and Treasurer — C. Russell Ralph, Russell Ralph Company, Topeka, Kansas. Additional nominations are acceptable under the terms and conditions of the by-laws. The term of office of the new officers will begin at the National AGC Board meeting and Convention in Washington, D. C., March 5-10, 1976.

The Virginia Branch was well represented by the following at the National Board meeting: *National Directors* — R. E. Lee and wife Ginny, R. E. Lee & Son, Charlottesville; A. J. Conner and wife, Lila, Aaron J. Conner General Contractor, Inc., Roanoke; R. M. Dunville, Sr., R.M. Dunville & Bros., Inc., Richmond; *Members* — J. W. Creech, J. W. Creech, Inc., Norfolk; Larry Conner and wife, Ida Jane, Aaron J. Conner General Contractor, Inc., Roanoke; William M. Saunders, Rada and Saunders, Inc., Richmond; *Staff* — J. F. Duckhardt, Executive Director, Va. Branch, AGC and wife, Nickie; and Clarke W. Davis, Director of Services, Va. Branch, AGC.



OFFICERS FOR 1976: (L-R) C. Russell Ralph, Treasurer; Ben M. Hogan, President; S. Peter Volpe, Senior Vice President; and Laurence F. Rooney, vice president.

Text of Speech

by

J. M. Sprouse

Executive Director

AGC of America, Inc.

THE PAST SIX MONTHS could be described as active, productive, difficult, frustrating, and even tragic ones for your national association.

We have accomplished much since my last report to you in Hawaii, in spite of a listless economy and the most active, expensive and time consuming campaign ever carried on by this association against any legislation: bills which would legalize secondary boycotts in the construction industry.

Union attempts to legalize secondary boycotts continue to pose a massive threat to our industry. We are doing everything in our power to defeat this harmful legislation. The public does not want it, the union workers themselves do not want it, and certainly industry management does not want it. Why then did a bill pass the House to allow construction unions to picket and shut down a construction project to force a company from doing business with any other company with which a union has a dispute? The answer is simple: because of the political muscle exerted by the leaders of the building trades unions who are attempting to harness the picketing power of their members to force the non-union employer out of the construction industry.

Secondary boycott legislation is being bought and paid for with labor campaign contributions. I say there is something radically wrong with our democratic system if dollars, not sense, are the determining factor in whether or not a bill becomes law, but that's precisely what we are up against.

Your national association and 118 chapters are conducting a massive information and legislative effort to defeat secondary boycott legislation—HR 5900 and S 1479. It is interesting to note that not **one** daily newspaper in this country, to the best of my knowledge, has come out in support of either of these two bills.

What about the Senate? The situation looks bad. We do not have the votes at this time. We need your help! Contact your Senators **now**; urge them to vote against S 1479. There is no time to lose.

To complicate matters, construction collective bargaining reform legislation is being rapidly "railroaded" through Congress in an effort to convince management that it is getting something in exchange for secondary boycotts. No deal! Our position is clear on this point: We will never support legislation to reform collective bargaining in the industry if it **includes in any way** the legalization of secondary boycotts in the construction industry.

In other areas, construction management scored a major victory earlier this year when the

to tell the Virginia Story



EXECUTIVES MEET: (L-R) President Gerald R. Ford; Assistant Executive Director, Richard Creighton; AGC President, John Matich; and AGC Executive Director, J. M. Sprouse.

Supreme Court ruled 5 to 4 in the Connell Case that construction unions risk violating federal antitrust laws when they force a general contractor with whom they have no bargaining relations to hire only union subcontractors. President Matich hailed the ruling as "one of the most important



James M. Sprouse

Supreme Court decisions affecting the construction industry in the last 10 years . . . and a first step in assisting construction management to regain the right to manage." It is also, I might add, an excellent example of a contractor member, his chapter and the national office working together. Shortly after the decision was rendered, we received the following letter:

I wish to express my personal appreciation for your assistance in accomplishing the industry's great Supreme Court victory. Without everyone's help, it could not have been possible. I know you share my pride in seeing right win out. Sincerely, George T. Connell.

On the legislative front, AGC has presented testimony before Congress on 35 different occa-

sions. Most recent was President Matich's testimony on the Federal Water Pollution Control Act. Over the past six months Laurence F. Rooney testified on collective bargaining reform; Senior Vice President Ben M. Hogan and Highway Division Chairman Ival R. Cianchette on the extension of the Highway Trust Fund; James D. McClary and Paul G. Bell Jr. on secondary boycotts; Kirk Fordice on TVA's construction programs; Wes Jeltema on pension reform; John A. Woodhall Jr. on OSHA; Nello L. Teer Jr. on emergency public works; G. R. Gray on the airport and airways development program; William E. Naumann on unemployment compensation laws; Jack Stoddard on land use; Ival Cianchette again, this time on environmental impact statements. In addition, AGC submitted statements on 20 other subjects including: tax reform; amendments to clean air act; job-site crime; national health insurance.

I am pleased to report that AGC Vice President S. Peter Volpe and I have been named to the Collective Bargaining Committee in Construction by President Ford to, in his words, "encourage peaceful negotiation of responsible local and area collective bargaining agreements." AGC is the only organization, I might add, to have two representatives on this bipartite committee of labor and management.

I am also pleased to report that AGC sponsored an extremely successful national highway conference the first week in May which brought nearly 400 highway contractors to Washington to meet with their Congressional delegations and Administration officials. The major topic: the extension of the Highway Trust Fund. "Highways provide the nation's only true national transportation system, a system which must not be fragmented or permitted to run down," Presi-

(Continued on page 36)

Crown Center Hotel Hosts AGC

THE CROWN CENTER Hotel was the headquarters for the National AGC Committee Meetings and Board of Directors' Meeting in Kansas City, Missouri.

Among the elegant hostelrys of the world, the Crown Center Hotel brings to Kansas City a superbly-designed guest facility that combines the principal attributes of a first class convention center, a luxurious health resort and gallery filled with original art work.

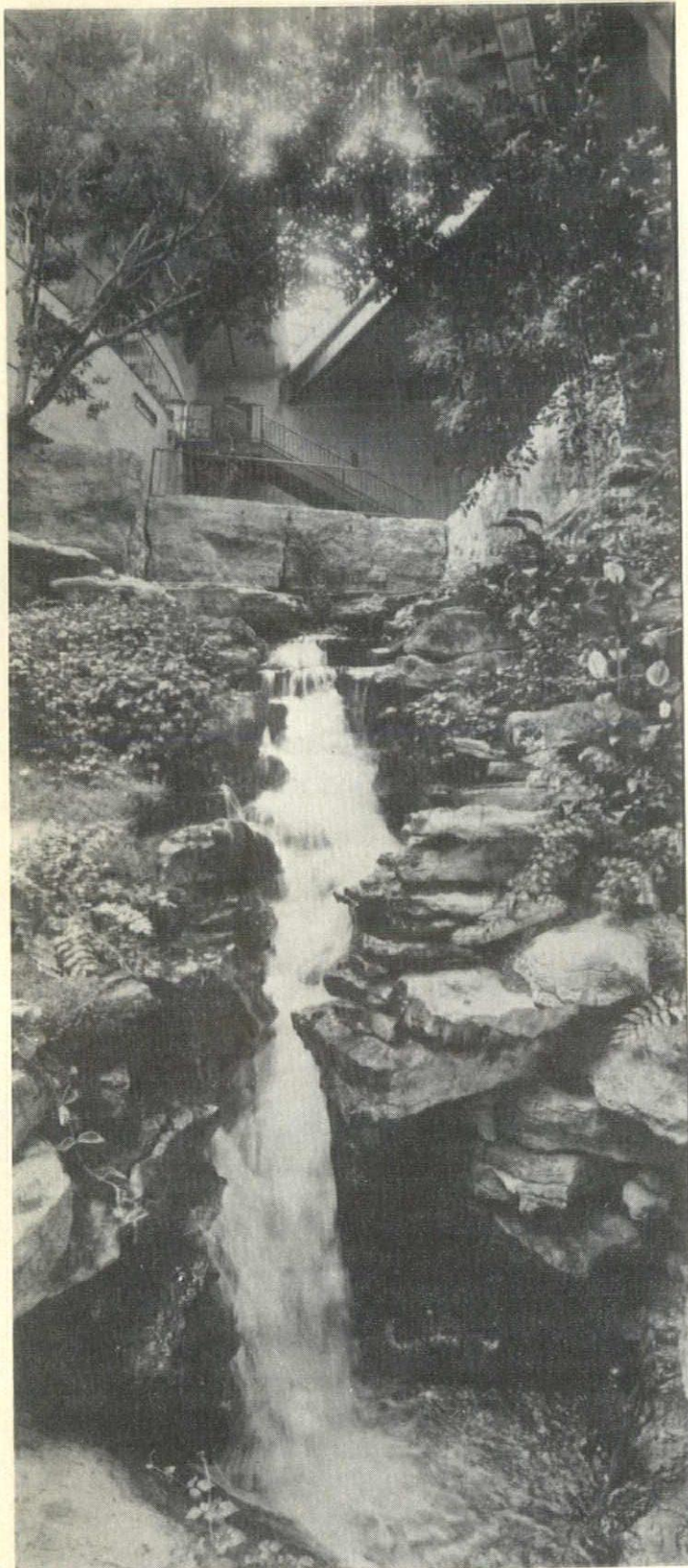
Designed by Chicago architect, Harry Weese, the hospitality showplace adds another dimension to the in-town suburb of Crown Center, a \$350 million "total environment" community being developed on the fringe of the central business district by Hallmark Cards, Inc.

The 730-room facility is operated by Western International Hotels, the Seattle-based partner of United Air Lines which has grown to a position of world leadership in the hospitality industry. Its 60 other hotels around the globe include such famous hostelrys as the Century Plaza in Los Angeles, St. Francis in San Francisco, Bonaventure in Montreal, Continental Plaza in Chicago and Camino Real in Mexico City.

Constructed primarily of reinforced concrete — 30,000 cubic yards of it — the Crown Center Hotel is located at One Pershing Road between Main Street and Grand Avenue, with its lobby entrance facing Washington Park.

More than 1.6 million man-hours have gone into the creation of the majestic 20-story structure, which is really two distinct but connected buildings, adapted ideally to the unusual configuration of the land.

Adjacent to the Hotel is the complex of Crown Center Shops. This is a pot pourri of specialty stores, boutiques, and restaurants in a 400,000 square foot, tri-level building. There are 85 retail outlets and three restaurants in the "L" shaped structure, reminiscent of an Old World Market Place. A bazaar instead of a mall and small shops with strong identity are combined with large numbers of people, food, music, entertainment and variety.



OUTSTANDING HIGHLIGHT of the Crown Center Hotel in Kansas City, Missouri is its spectacular indoor tropical garden. Rising at a 45-degree angle from the mezzanine level to a four-story height, the botanical extravaganza was carved from a massive limestone outcrop to form a dramatic backdrop for the hotel's lobby. Hundreds of tropical plants, ferns, shrubs, and full-grown trees cover the rocky hillside, while a 60-foot waterfall plunges under a meandering walkway into a sparkling pool at the mezzanine floor.

VIRGINIA BRANCH FALL BOARD MEETING

THE VIRGINIA Branch Board of Directors, District Presidents, Officers and Committee Chairmen attended the 1975 Fall Board of Directors and Leadership Conference at the Sheraton Beach Inn and Conference Center, Virginia Beach, Virginia on November 10-11. The Fall Board Meeting had many important agenda items to be discussed and included the 1976 budget and the employment of a full time staff employee to work with emphasis on the municipal-utility division of the Virginia Branch, AGC.

The district officers and committee chairmen were invited to attend the meeting and share their knowledge, experiences and to make suggestions for the improved operation of the Virginia Branch.

The Tidewater District of the AGC was deeply involved in the planning of the program and many of the social events were coordinated by that group.

The agenda for the two day meeting included:

Monday-November 10, 1975: Board of Directors Meeting (Executive Session); Leadership Conference; Talk by Dr. John A. Weese, Dean of School of

Engineering, Old Dominion University, Norfolk; Cocktails (hosted by Tidewater District); Seafood Buffet; and Dancing (music complements of Tidewater District).

Tuesday-November 11, 1975: Joint Leadership Conference; Officers Report—(a) President, Activities for

1975, (b) Treasurer, 1975 Financial Report and 1976 Budget; Staff Reports—(a) Executive Director, (b) Director of Services, (c) Administrative Coordinator; National Directors' Reports; District Reports; Committee Chairmen Reports; and Ladies Coffee and Tours.



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VIRGINIA BRANCH CONVENTION PREVIEW

THE 1976 Virginia Branch/AGC Annual Convention will be held January 25-27, 1976 at The Homestead, Hot Springs, Virginia. The Virginia Branch returns to this, their convention location, for the 10th consecutive year. Registration will begin on Sunday, January 25th and during that day the Branch Board of Directors meet and the Associate Division will host their annual cocktail party. The party this year will be a get-acquainted party with the high school prom theme. All attendees have been urged to wear clothing which they wore in their senior high school days.

Sonny Jurgensen, the Washington Redskin star for many years, will be the main speaker at the "kick-off" breakfast. Mr. Jurgensen is now an established TV personality and the membership looks forward to his comments.

At the business session to be held on Monday, the membership will receive reports from the Virginia Branch of-

ficers and staff regarding activities of 1975 and the projected activities for 1976. The National Board members will make their report preceding a presentation by AGC National President, Jack Matich and AGC National Executive Vice President, James Sprouse.

Following the business session the membership will have a presentation by Dr. Robert Hanzlik. Dr. Hanzlik was graduated from Chippewa Falls High School, Chippewa Falls, Wisconsin and has a law degree from Missouri Law School. He has worked extensively with the exercise program for "men in outer space" and will make a presentation to the membership on physical fitness. The mixed luncheon will follow, highlighted by an address by Virginia Governor, Mills E. Godwin, Jr. There will be a reception and musical show featuring the Nationally known group, "The Spurrllows."

Tuesday morning the membership will be involved in a mini-seminar regarding the new Virginia Branch Market-Rite program being developed

by Administrative Coordinator, Burton C. Kidd. The seminar will be conducted by Mr. Ray G. Sims, Marketing Director, Perini Corporation, Framingham, Massachusetts, and Mr. Hank Parkinson, President, Parkinson Strong Priscock, Inc., Wichita Kansas. The Market-Rite program is a set of guidelines for use by the contractor to assist him in "market price." The guidelines in the areas of: (1) planning for the marketing function; (2) basic objectives for future growth; (3) organizing the marketing functions; (4) developing a strategy; (5) building a marketing team; (6) sales as a marketing function; and (7) selling contractor services along with advertising, public relations, and personal contact. The program will further point out the fact that planning develops a discipline, increases capability and profit and reduces risk. Marketing can adapt itself to design—build by setting goals, in determining which fields to enter and review company goals.

Tuesday night the Virginia Branch members, their wives and guests will attend the annual banquet and the induction of new officers for 1976. At that time, "The Spurrllows" will present their bicentennial show. As America recognizes her 200th year, we must all spend a few silent moments giving thanks for all of our blessings and benefits. The musical narration of "Our Call to Freedom" unfolds with this presentation of "The Spurrllows" bicentennial show. Colorful moments will flash across most media screens in accompaniment with musical selections of America through the years. The Theme: AMERICA—LET'S CELEBRATE, will linger giving a feeling of pride to those who witness this colorful festival of sound.

It is the Virginia Branch's pleasure to present to its membership this very successful musical group and their great bicentennial show.

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Sonny
Jurgensen

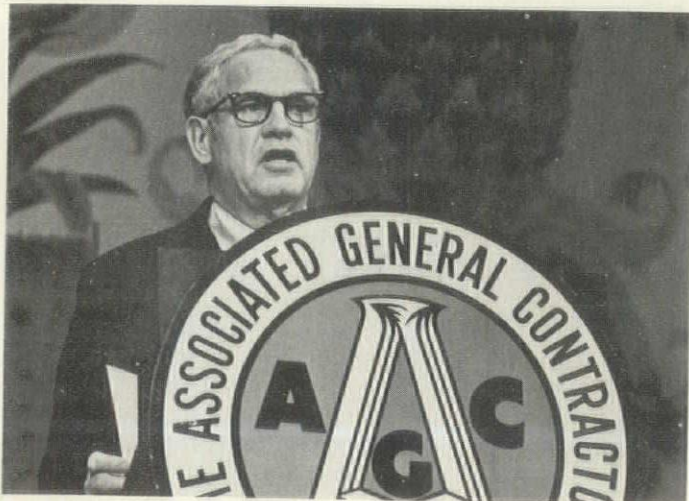


Dr.
Robert Hanzlik



J. Matich

J. Sprouse



VIRGINIA BRANCH, AGC ESTABLISHES REGIONAL OFFICE AT NORFOLK

THE VIRGINIA Branch, AGC regional office was opened by Administrative Coordinator, Burton C. Kidd on September 1st, 1975. Tidewater District President, J. Blaine Denny, III and Peninsula District President, Joe M. Ziglar made the announcement to the appropriate membership at that time. Currently the combined strength of the two districts puts their membership as relates to the total branch in excess of 30%.

The regional office is the first of its kind in the State of Virginia under the

direction of the Branch Office. It was established to bring better overall service to the Tidewater and Peninsula areas and to capitalize on the potentials in the construction industry. This activity will generate a very worthwhile partnership between the two districts and should certainly improve the business conditions for the contractors and those associated with the construction industries.

Mr. Kidd will continue to have a staff connection with the Richmond headquarters office but will spend the ma-



Burton C. Kidd

jority of his time on the Virginia coast.

The addition of other branch regional offices is anticipated in 1976 and the growth of the Virginia Branch is a definite reality.

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VIRGINIA BRANCH DEVELOPS AGENCY DIRECTORY FOR POLLUTION PROBLEMS

THE VIRGINIA Branch will publish for the use of its members in the last quarter of 1975 an Agency Directory for Pollution Problems. The directory was compiled by David W. Sietz, a third year law student at the T. C. Williams School of Law, University of Richmond. Virginia Branch, Administrative Coordinator, Burton C. Kidd coordinated the Directory which will provide the membership with agency contacts for pollution problems and/or solutions.

With the agencies being varied and complex many members felt that direct contacts would be of extreme value in their everyday construction projects.

The directory will list contacts in the following agencies: State Air Pollution Control Board, State Water Control



David Wayne Seitz

Board, Soil and Water Conservation Commission, Historic Landmarks Commission, and the Marine Resources Commission.

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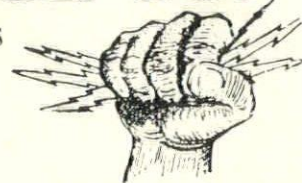
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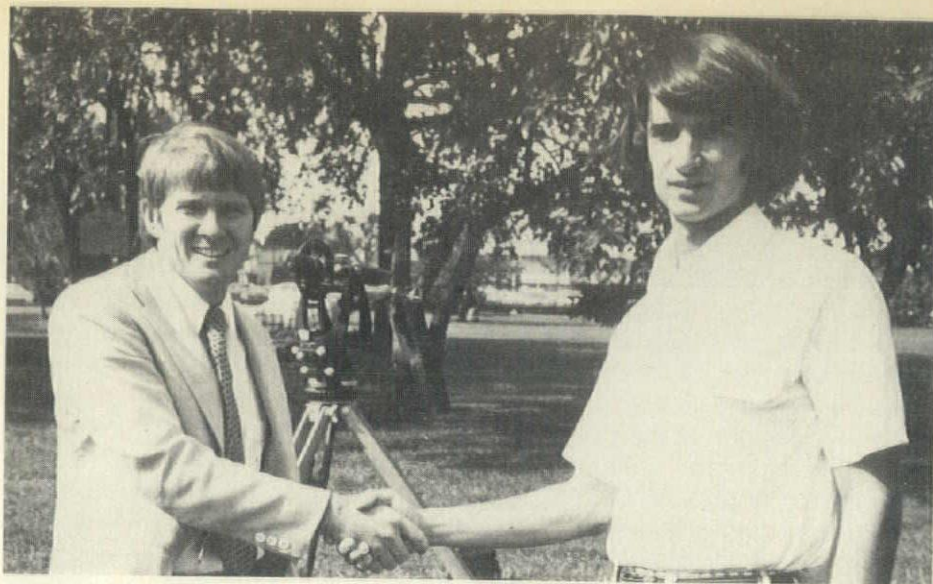
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NEWPORT NEWS, VA.





L to R: Tidewater District President J. Blaine Denny, III, Vice-President, Duke Construction Company, Norfolk and Robert Billingsley, Scholarship Recipient.

TIDEWATER DISTRICT AWARDS SCHOLARSHIP

TIDEWATER District President, J. Blaine Denny, III Vice President, Duke Construction Company, Norfolk, recently announced the selection of the 1976 Tidewater District/AGC-Old Dominion University Scholarship recipient. He is Robert Billingsley who will be a senior in Engineering Technology at Old Dominion University in the Fall of 1976. The Tidewater District Scholarship for Mr. Billingsley will be for one year.

Robert Billingsley who is originally from Fredericksburg, plans to make the Tidewater area his permanent home subsequent to graduation and is interested only in the construction in-

dustry as a career. He is an honor student and was selected from several applicants.

Serving on the scholarship's selection committee with J. Blaine Denny, III, were Howard E. Gill, Jr., Vice President, Henderson and Phillips, Inc., Norfolk and Roy E. Spears, Jr., Treasurer and Administrative Officer, Shirley Construction Corporation, Portsmouth.

The Tidewater District is the first in the Virginia Branch to undertake the scholarship program. It is anticipated other districts will have similar projects in 1976 in addition to the Virginia Branch as a state organization giving a scholarship in 1976.

Bulletin

AGC Build America Awards Program

VIRGINIA Contractors are eligible again this year for the AGC and Motorola Build/America awards program which annually recognizes general construction contractors who are judged by their peers to have contributed to the growth and progress of the construction industry over the past year. The purpose of the Build America

awards program is to focus public attention on the contributions that general contractors make to their industry and the nation. More information is available from the Virginia Branch Office and the application forms must be postmarked no later than January 15, 1976.

Saul Horowitz, Jr.

Memorial Scholarship

AGC National President John N. Matich has named John E. Healy, II, a past association president, to spearhead fund raising efforts for the Saul Horowitz, Jr. Memorial Scholarship. That scholarship was created by the AGC Executive Committee last July as a tribute to the late AGC past president and contributions will be used to assist graduate level students whose undergraduate degree is in a construction-related discipline. The scholarship will be administered by the AGC Education and Research Foundation. Interested contributors should contact Mr. Healy through the AGC national office.

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SCHOLARSHIP COMPETITION

THE AGC EDUCATION and Research Foundation began its eighth annual scholarship competition on September 1, 1975. The competition is open to high school seniors, college freshmen, sophomores and juniors enrolled or planning to enroll in four year construction and/or civil engineering degree programs. Winners are eligible for grants of up to \$4,000 over four years of undergraduate study, made possible by contributions from members of the Consulting Constructor's Council of America, a group of recognized construction industry leaders.

Revised applications were available on September 1 from the Foundation at the National office of the Associated

General Contractors of America at 1957 E Street, N.W., Washington, D.C. 20006 and from the Virginia Branch, Associated General Contractors of America, Inc., P. O. Box 6775, Richmond, Virginia 23230, all members of the Associated Schools of Construction and all civil engineering schools accredited by the Engineers Council for Professional Development (ECPD). The deadline for receipt of the completed application and attachments was December 1, 1975.

Applicants are selected on the basis of a demonstrated interest in a construction industry career, academic performance, financial need and extracurricular activities. Each Finalist is interviewed by an AGC contractor in his or

her area, and the names of successful applicants are announced at the Annual AGC Convention in March.

The AGC Education and Research Foundation is a non-profit organization dedicated to upgrading the science of construction through industry research and construction education activities from junior high school through the university level and continuing education programs for members of the industry. The Foundation was established in 1969 by the late William A. Klinger, a general contractor from Sioux City, Iowa, and a past president of the Associated General Contractors of America. The scholarship program was originated the same year and has committed nearly \$181,000 to 74 students who have been or are currently enrolled at 40 colleges and universities throughout the country.

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CONSTRUCTION PHOTO CONTEST ANNOUNCED

MORE THAN \$14,000 in prize money has been awarded over the past four years to amateur and professional photographers in the National Construction Photography Contest, sponsored by the Associated General Contractors of America.

And AGC is going to do it again this year!

The National Construction Photography Contest is held annually by the AGC in an attempt to increase the public awareness of the dynamic role the construction industry is playing in the growth of the nation. Photographs should depict construction in progress which is dynamic, interesting or aesthetically appealing.

The amateur or professional photographer submitting the winning photograph will receive \$1000 for first place; \$750 for second place; \$500 for third place. The prize money will be doubled if the photograph was published in a "recognized" newspaper or magazine prior to the judging.

Photographs submitted must be black and white, and 8" x 10" in size. Any printing technique may be used. On the back of the photograph include your name, address, telephone number, location of the job, the name of the general contractor if possible, and the date the photograph was taken.

Photographs must have been taken after January 15, 1975.

No more than one prize will be awarded to a photographer.

If the photograph was published, a tear sheet of the publication in which the photograph appeared must be included with the photograph, along with the date of publication.

All entries must be postmarked not later than January 15, 1976. The awards will be announced in March following the AGC Annual Convention.

All entries become property of the Associated General Contractors of America.

All entrants will be notified of the winners.

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AGC-CIMC CEMENT MASONRY CURRICULUM

AGC HAS long recognized the special training needs of the Construction Industry. An outgrowth of that concern has been the initiation of a program to develop curricula for use in training workers. The first product of this effort covered commercial carpentry. The second in the series, the AGC-CIMC Cement Masonry Curriculum has now been completed.

Again, AGC and the Curriculum and Instructional Materials Center, Stillwater, Oklahoma, have worked together to meld the best information available from the construction world with the best curriculum development methods available from the field of education. The result is practical, up-to-date Cement Masonry training material, tailored to the needs of the industry today.

The volumes are not a training program that is tied to specific hours of instruction and on the job training. They are a compilation of the tasks a cement mason must be capable of performing. They are written in terms of student performance using measurable objectives. The material is modular in design. After training is given in basic skills and knowledge, the material may be taught in the sequence that best answers the actual work (employment) needs of the learner. Although each subject is complete in itself and does not require additional references the instructor may modify the material to fit local requirements.

It is the sincere conviction of the National AGC Manpower and Training Committee and the CIMC that this material will provide a teaching resource that will be particularly useful in the training of cement masons. The materials may be used in appren-

ticeship, in special training programs or in vocational education.

These books are available in an instructor and student version. The instructor set contains information on the technique of using the curriculum, suggested instructor activities and answer sheets to tests. The student sets do not contain this material. The curriculum is available from the National office at \$25.00 per instructor set and \$20.00 per student set. A set comprises two volumes in heavy duty, vinyl loose leaf binders.

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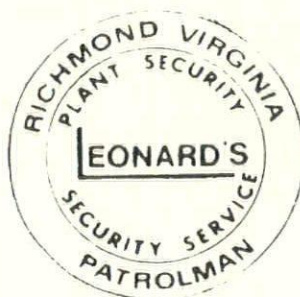
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CONSTRUCTION INDUSTRY GUIDELINES

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The Joint Cooperative Committee is composed of: Virginia Chapter, The American Institute of Architects; Virginia Branch, Associated General Contractors of America, Inc.; Consulting Engineers Council of Virginia, Inc.; and The Virginia Society of Professional Engineers. These organizations have joined in presenting to the business community of Virginia, the Construction Industry Guidelines which their agencies have adopted.

This publication is offered to provide the various segments of the building industry with logical solutions to industry related problems in the form of guidelines which clearly delineate the functions, duties, and expected performance levels to which those in the building industry should adhere in order that all segments can work harmoniously, efficiently and cooperatively. They can also serve to acquaint a prospective owner with what is considered to be fair and equitable practices in the construction process.

The guidelines set forth herein are not intended to supplant the responsibilities of contracting par-

ties; nor do they preclude adjustments in order to safeguard of control a given contract; for in the final essence these conditions must be established to suit the individual needs of each project as set forth in documents for that specific contract.

These recommendations have made reference to various AIA documents and forms, since they are widely accepted throughout the Construction Industry and are generally available in most localities. Similar documents and forms sponsored by other technical and engineering societies may be used when they are deemed to better serve the objectives of the Contracting Parties.

Throughout the year of 1976 the guidelines in their entirety will be presented to the Virginia business community. It is our hope that they will be beneficial to all who peruse them.

In this edition of the *Virginia Record* we present for your information the Construction Industry Guidelines on: (1) Retention; (2) Guarantees and Warranties; (3) Management and Control of Construction Operations; and (4) Operation and Maintenance of Dynamic Systems.

CONSTRUCTION INDUSTRY GUIDELINES

JOINT COOPERATIVE COMMITTEE

AIA - AGC - CEC - VSPE

retentions

PRIME CONTRACTOR PROVISIONS:

The Contractor shall be paid 90% of the earned sum when payment is due, 10% being retained to assure faithful performance of the contract. After 50% completion has been accomplished no further retainage shall be withheld, provided, however, that the (Architect) (Engineer) determines that satisfactory progress is being made in the work.

After the work is substantially complete and the (Architect) (Engineer) has determined that the list of items to be completed and corrected is acceptable, the retention shall be adjusted so that the sum has a direct relation to the value of the work included on the list and the progress being made thereon.

Thirty days after issuance of the final Certificate for Payment by the (Architect) (Engineer) for the Contractor's work, the entire unpaid balance of the contract sum shall be paid.

SUBCONTRACTOR PROVISIONS:

The Contractor shall pay his Subcontractors 90% of their earned sums when payments are due, 10% being retained to assure faithful performance of their contracts. After 50% completion of the Subcontractor's work has been accomplished, no further retainage shall be withheld, provided, however, that the Contractor and the (Architect) (Engineer) determine that satisfactory progress is being made in the work.

The (Architect) (Engineer) will furnish to any Subcontractor, upon request, information on the amount of work certified to the Contractor relating to the Subcontractor's work.

Final payment shall be made by the Contractor to each Subcontractor 30 days after receipt of payment from the Owner on account of 100% completion of such Subcontractor's contract.

NOTES TO THE SPECIFIER

These clauses supplement the provisions set forth in Article 9 of the AIA General Conditions.

Strike out (Architect) or (Engineer) or insert other appropriate name for the Owner's agent.

Also see Recommendation No. 18 "Substantial Completion" for adjustment of retention with regard to punch list items.

After "included on the list," add the phrase "plus any unsettled claims" if deemed advisable.

These clauses supplement the provisions set forth in Article 5 of the AIA General Conditions.

Also see Recommendation No. 11 "Application for Payment and Sworn Statement" for recommended method of reporting retained sums.

guarantees and warranties

1. A period of one year shall be established for both the guarantees and warranties required by the contract specifications. The installation and also each item of equipment and material shall be guaranteed by the contractor and the equipment and material shall be warranted by the supplier and manufacturer.

2. The guarantee and warranty period for all items other than heating, piping, electrical, ventilating, refrigeration, plumbing, temperature control, pneumatic systems, elevators or any other mechanical contrivance shall commence on the date certified by the architect or engineer as the time the prime contract(s) have been satisfactorily completed in accordance with plans and specifications.

3. The guarantee and warranty period for heating, piping, electrical, ventilating, refrigeration, plumbing, temperature control, pneumatic systems, elevators or any other mechanical contrivance shall be the same as in Article 2 above, unless a whole or partial system or any separate piece of equipment or component is put into use for the benefit of any other party than the installing contractor with the prior authorization of the Owner or his agent (Architect or Engineer). In this instance, the guarantee and warranty period will commence when any of the foregoing items is placed in operation. As a condition to formal acceptance by the Owner, the beneficial user at his expense must place same in first class operating condition as if it had not been used.

4. The extent of a guarantee and warranty shall be the requirement to repair or replace, without cost to the Owner, all equipment or workmanship which shall be found to be defective during the guaranteed period, exclusive of repairs due to improper maintenance or operation, or to normal wear, tear and usage, and to pay for all damage resulting from defects.

5. The guarantee requirements shall be objective and determinable and shall not include ambiguous clauses subject to personal interpretation.

management and control of construction operations

THE RESPONSIBILITY OF THE GENERAL CONTRACTOR SHOULD BE:

To have direct control and management of all construction operations and to be responsible for the satisfactory overall performance of all his own suppliers and subcontractors as well as all other prime contractors in order that the entire work be coordinated and supervised. It is imperative that the general contractor arrange for periodic coordinating meetings to be held with the architects and/or engineers and contractors' representatives at the job site.

To furnish the services of a mechanical work coordinator acceptable to the architect and/or engineer in addition to the job superintendent. This person must be knowledgeable in the operation of mechanical and electrical systems to the extent that he is capable of reading, interpreting and coordinating plans, specifications and shop drawings pertaining to such systems as will be incorporated into the construction project.

The mechanical work coordinator shall be responsible for planning and expediting of the proper sequence of delivery of mechanical and electrical equipment to the project site as well as scheduling the labor operations in such a way as to meet with the approved progress schedule of the building. He shall work with all construction superintendents and the architects and/or engineers' field representatives.

operation and maintenance of dynamic systems

We recommend that the owner should insist on establishment of a good maintenance and operation program and assign competent personnel to learn proper procedures and become familiar with the various systems and equipment as the installation is being made. The owner should make sure that the selected men have gained a thorough knowledge and understanding of their task and of the data turned over to them before entrusting such valuable property to their care. It is the owner's responsibility to ask for advice and information from the design engineer, the manufacturers of equipment, and the installing contractor.

The design engineer should answer any questions the owner may ask. He should also specify that manufacturers of equipment furnish operating and maintenance data and send a trained representative to the job to assure that the particular piece of equipment receives all necessary adjustments for proper operation. The specifications should also provide that the installing contractors assemble all of the manufacturers' data required by specifications and participate in the job site meetings with the architect and/or engineer, equipment manufacturer representatives and the owner.

If the owner should feel the need, he may request the architect and/or engineer to provide services in addition to the scope of normal professional services included in the base fee, such additional services to consist of preparing written operation and service procedures, referring to manufacturers manuals or data sheets required by specifications, and include an explanation of the basic engineering scheme demonstrating how each of the equipment components functions in the various systems.



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THIS distinctive motor hotel located at the southwest corner of the intersection of the Richmond-Petersburg Turnpike, I-95, and Washington Street is the largest Ramada Inn in Virginia and the tallest building in Petersburg. Because of its size and location it is a natural landmark in the community.

Its 200 guest rooms include Hospitality Suites, Executive Suites and a Bridal Suite. Its other facilities designed to accommodate meetings, conferences and conventions include a large cocktail lounge, restaurant with adjoining paved patio, and generous banquet rooms and exhibition spaces. It also features a swimming pool located on the canopy above the main entrance. A three tiered facility provides generous all weather parking for guests and visitors.

Built on a foundation supported by caissons, the structural steel frame features the staggered truss design which is very efficient and economical structurally and is especially adaptable to buildings of this type.

The exterior finish is the Dryvit

System which is applied over a conventional metal stud wall construction. The towers at the ends of the building are fluted block masonry.

Alexander Building Construction, Inc. of Richmond was construction manager and handled foundations and carpentry.

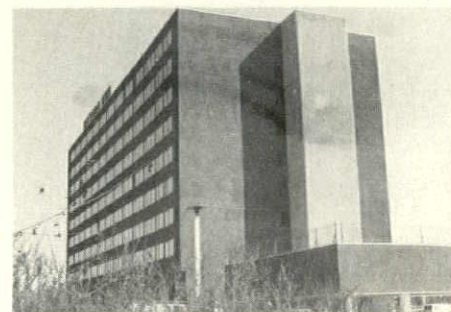
Subcontractors & Suppliers
 (Richmond firms unless noted)

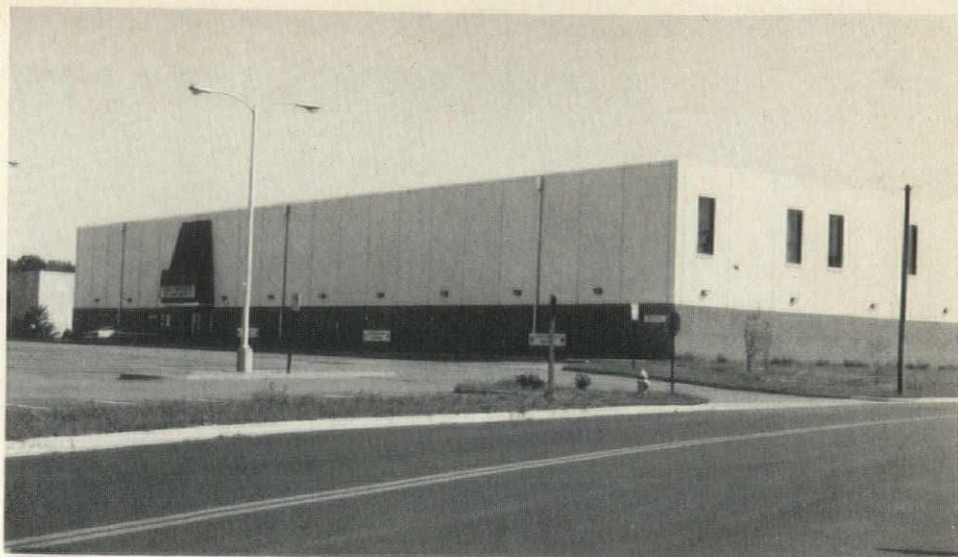
George's Excavating, Prince George, excavating; Seaboard Foundations, Inc., Jessup, Maryland, caissons; Lone Star Industries, Inc., concrete; Capital Masonry Corp., masonry; Bristol Steel & Iron Works, Inc. and Liphart Steel Co., Inc., steel; Union Steel Erectors, Chester, steel erection; R. Willison Roofing Co., roofing; Binning's, Inc., Lexington, N.C., windows; and SDG Incorporated, window walls.

Also, N. Chasen & Son, Inc., painting; E. S. Chappell & Son, Inc., weatherstripping; Davenport Insulation, Inc., insulation; Manson & Utley, Inc., acoustical & resilient tile; A. Bertozzi, Inc., plaster; Richmond Tile &

Marble, ceramic tile; H. Beckstoffer's Sons, Inc., millwork; and Eastern Door & Window, Prince George, steel doors & bucks.

Others were, Advance Electric Co., lighting fixtures & electrical work; Tri-City Plumbing & Heating, Petersburg, plumbing; Chain Climate Service Corp., air conditioning, heating & ventilating; Virginia Elevator Co., Inc., elevator; Central Furnishing Co., Memphis, Tenn., hardware supplier; Chester Products, Inc., Middletown, Ohio, swimming pool; and, Mack's Iron Co., Inc., Colonial Heights, miscellaneous metal.





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The executive offices of this national company are also housed in the 44,000 square foot, two-story office, service and showroom areas.

The 85,000 square foot warehouse area is constructed of a steel frame with a combination of insulated metal wall panels and non-wall bearing masonry units at the railroad siding wall and the firewall separating the offices and warehouse.

Ample parking is provided for both employees and customers in well lighted spaces.

All areas are sprinkled with an automatic, wet system. Total electronic security, including rooftop surveillance, protects the property continuously.

Alexander Building Construction, Inc. of Richmond was general contractor and handled foundations, carpentry and paneling.

Subcontractors & Suppliers (Richmond firms unless noted)

F. G. Pruitt, Inc., excavating; Thomas Brothers, concrete; J. Carrington Burgess Masonry Contractor, Inc., masonry; Liphart Steel Co., Inc., steel, steel roof deck, roof deck & handrails; Whitley Roofing Co., roofing; PPG Industries, windows, window walls, glazing & weatherstripping; W. W. Nash & Sons, Inc., painting & waterproofing; A. Bertozzi, Inc., plastic wall finish & plaster; and, W. K. Hawkins Engineering Co., insulation.

Also, Manson & Utley, Inc., acoustical & resilient tile; Oliva & Lazzuri, Inc., ceramic & quarry tile; Ruffin & Payne, Inc., millwork; Architectural Hardware, Inc., steel doors

& bucks & hardware supplier; Lithonia Lighting, Conyers, Ga., lighting fixtures; Hill Electrical, Inc., electrical work; and Reames & Moyer, Inc., plumbing, air conditioning, heating & ventilating.

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Architect/Engineer

CONSTRUCTION was completed in September 1975 at the new Catholic parish of St. Augustine's in Chesterfield County. The sanctuary and church hall at Beulah and Hopkins Roads was built on about 10 acres of land given by the Catholic Diocese of Richmond to the parish, the second in Chesterfield.

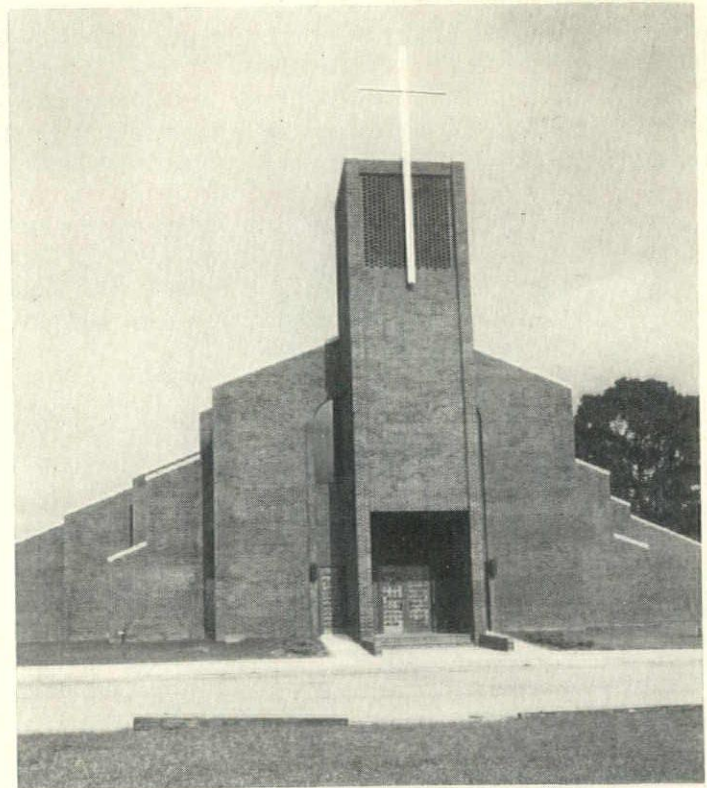
St. Augustine's was formed as a mission of Sacred Heart Church in South Richmond. The initial 180-family parish has grown to 480 according to Msgr. John J. McMahon, pastor.

Msgr. McMahon said the sanctuary, designed by F. Louis Legnaioli, AIA, of Torrence, Dreelin, Farthing and Buford, Inc., Richmond based engineers and architects, has a brick interior and a marble and wood altar. The Stations of the Cross, depicting Jesus' walk to Calvary before his crucifixion, are located along the front, instead of their usual position on the side walls of Catholic churches. Pews are arranged so that no worshiper is more than 55 feet from the altar.

Barker Construction Co., Inc. of Richmond was general contractor and handled excavating, foundations, roof deck and carpentry.

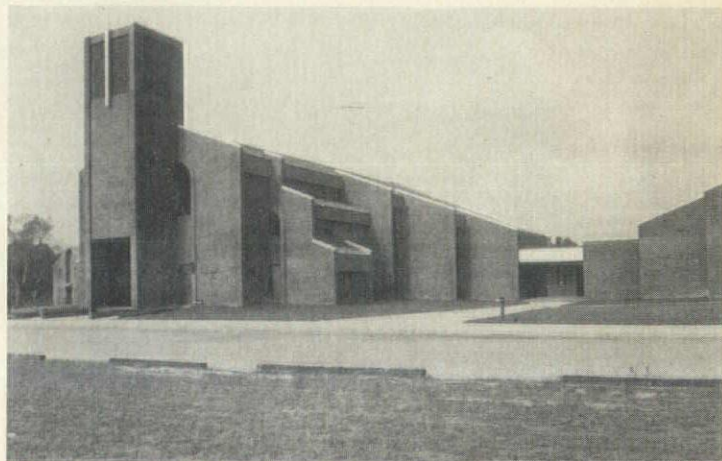
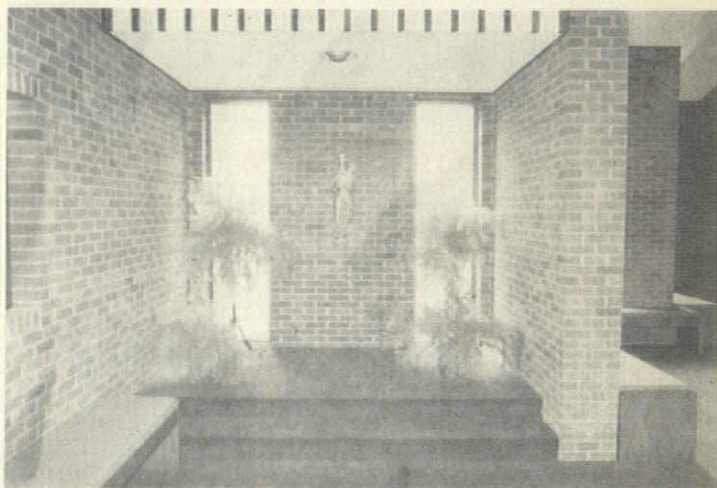
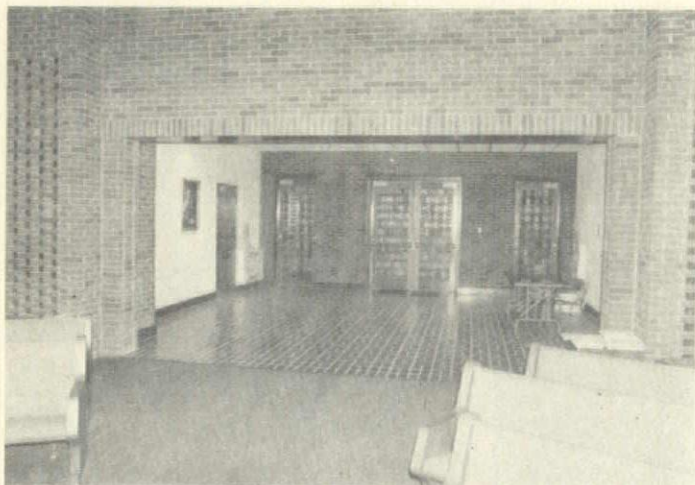
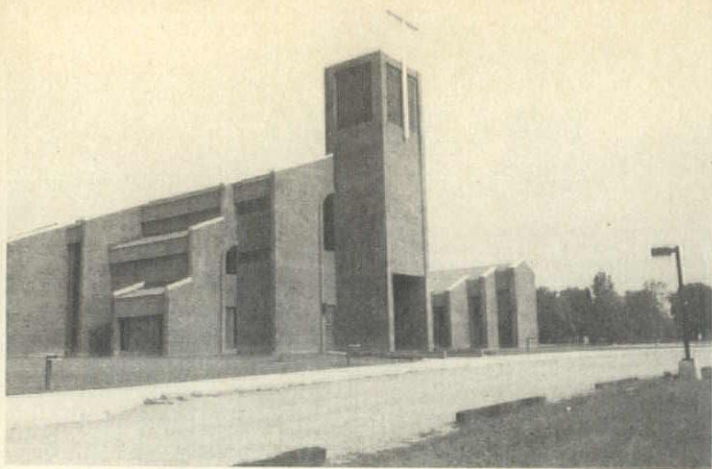
Subcontractors & Suppliers (Richmond firms unless noted)

Lone Star Industries, Inc., concrete; Capital Masonry Corp., masonry contractor; Mack's Iron Co., Inc., Colonial Heights, steel; R. Willison Roofing Co., roofing; Economy Cast Stone Co., stone work; PPG Industries, windows & glazing; W. W. Nash & Sons, Inc., painting; Southern Waterproofing & Concrete Co., Inc., waterproofing & caulking; E. S. Chappell & Son, Inc., weatherstripping; Hawkins Engineering Co., insulation; Fendley Floor & Ceiling Co., acoustical & resilient tile; A. Bertozzi, Inc., plaster & sheetrock; General Tile & Marble Co., Inc., ceramic tile; H. Beckstoffer's Sons, Inc., millwork; J. S. Archer Co., Inc., steel doors & bucks; Union Electric Co., Inc., lighting fixtures & electrical work; Reames & Moyer, Inc., plumbing fixtures, plumbing, air conditioning, heating & ventilating; Pleasants Hardware, hardware; James H. Carr, Inc., Kensington, Md., wood trusses; Old Dominion Stained Glass Co., Inc., Ashland, stained glass windows; and Orkin Exterminating Co., Inc., soil poisoning.



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SUNDAY PARK

COLLINS-KRONSTADT-
LEAHY-HOGAN-
COLLINS
Architect

JOE SONDERMAN
Interior Designer



THIS project consists of four buildings, all located in the Sunday Park section of Brandermill on Route 360 in Chesterfield County. The Reception Center, Sales Building, Restaurant and the Pool Building were the result of the work of architects Collins-Kronstadt-Leahy-Hogan-Collins, of Baltimore, Md., interior designer Joe Sonderman, of Charlotte, N. C. and general contractor Heindl-Evans, Inc. of Mechanicsville. The individual buildings in this Sea Pines Community are described briefly below.

Reception Center:

— Purpose is to receive all visitors to Brandermill with the interior designed to appeal to a wide variety of consumer tastes; both antique and modern furniture are combined in an eclectic interior design.

— The center is heavy timber construction with high ceilings, lots of glass and light to enhance its location which is right on the edge of a 1700 acre, 25 mile shoreline lake.

— The reception center was placed in this location so as to capitalize on Brandermill's most important asset, the lake. The lake is the largest body of water in the Richmond area.

— The interior of the building features a fireplace with seating around it and then various small conference areas with sofas and chairs all along the glassed in sections facing the lake. Displays

and maps abound for those who wish to study Brandermill themselves. The large reception desk and the receptionist are the only permanent inhabitants of the building. Coffee and soft drinks are also served in the reception building to guests.

— The building features a number of doors which exit from the building to decks surrounding the building on three sides. An overhang roof provides a covered walkway around three sides of the building for visitors to walk in and out with ease and enjoy the lake.

— The reception center was placed in the Sunday Park recreational area in order to provide visitors with a feeling of activity and involvement in the Brandermill community; they are visually exposed to the lake, the playground, the pool, tennis courts and the restaurant all of which provide a feeling of active, vibrant community.

Sales Building

— The sales building which is located adjacent to the reception building serves the purpose of providing small, private conference rooms for salesmen to talk with their clients. It features also a large conference room where floor plans and building materials are exhibited in order to help people who are designing and building their own home. It serves as the permanent meeting place for the Architectural Review Board which reviews all plans for all homes submitted to Brandermill and also provides a conference room for other business meetings.

— The conference room is glassed on one side and features a spectacular view of the lake and the 10th golf hole.

— The sales building is one large central room with displays and seats and three offices, the sales manager's, his secretary and the marketing manager. It has two bathrooms which serve both the reception and sales building.

— Its purpose is to provide a quiet area for clients to talk with their salesman as well as for sales and marketing administration to operate.

The Restaurant:

— The Windward Watch features heavy timber, exposed beam construction inside and is glassed in on three sides for a spectacular view of the lake.

— It seats 150 people on the first floor and approximately 30 on the second level which is a bar and small lounge. The second level overlooks the first level and provides another beautiful view of the lake.

— The interior is done in rustic Captain's tables and Windsor chairs with abundant plants and nautical artifacts. It contains an entrance desk for people to pay their bills and pick up menus as well as two bathrooms across from the greeting area.

— Outdoor dining is provided through a roof overhang just behind the restaurant overlooking the lake. Approximately 6 to 8 tables with 4 chairs

are placed outside for dining with nature.

— The restaurant was placed in the Sunday Park area for the purpose of exposing the general public to its recreation facilities as well as locating them just across the decks from the reception center where they can obtain information easily about Brandermill if they are interested. The restaurant provides Sunday Park with a tremendous amount of activity which generates a feeling of Brandermill being a "people place" to other visitors who may not be using the restaurant.

— The restaurant and reception center were designed to more or less complement each other, both generating activity through people. Just adjacent to the restaurant is a creative children's playground designed by Wayne Edwards. The cost was approximately \$40,000. It is sited just between the restaurant and pool so that parents may let their children play and be able to watch them through the windows while they have a drink at the restaurant or eat dinner.

Pool House:

— The pool house serves the function of providing dressing areas and showers for persons using the 25 meter, competition size pool with separate diving well. It has several showers, sinks and dressing areas for both men and women. It also contains the pumps and equipment for the pool.

In summary, Sunday Park is a 25

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Brandermill (continued)

acre, recreational activity center for Brandermill residents. It is constantly active at all seasons of the year because of the combination of buildings placed there, the reception center, the restaurant, the playground the tennis courts and the pool all generate people and activity throughout the year which gives visitors to Brandermill, the feeling that Brandermill is an active community NOW.

Heindl-Evans, Inc. of Mechanicsville was the general contractor for the four buildings.

Subcontractors

Lang Electric Co., Inc., Ashland, electrical work; M. R. Ellis & Sons, Richmond, plumbing; and Hertless Bros., Inc., Richmond, heating and ventilating.

SPEECH (From page 15)

dent Matich told those attending the conference. "Important decisions will be made by Congress this year. We are here to make a major impact on those decisions."

AGC did indeed make an impact. Many Congressmen and Senators now share the view of Federal Administrator Norbert T. Tiemann who told the group "we could stop building new highways and we would still need all the highway user funds we have today to rejuvenate existing highways." We are actively continuing our efforts to seek an extension of the Highway Trust Fund.

AGC's Executive Committee approved a recommendation of the AGC Collective Bargaining Committee to stay in the Plan for the Settlement of Jurisdictional Disputes for another year because of the "meaningful changes" which were made in the administration of the plan at our request.

I am also pleased to report that Secretary of Labor Dunlop notified me that he, and again I might add at our prodding, has increased the funding of the Davis-Bacon Wage Appeals Board as AGC requested in its resolution passed in Honolulu "to ensure the continued effective operation of the Wage Appeals Board until the Davis-Bacon Act is repealed."

With regard to membership, it has slipped a bit, down to a little over 8100 contracting firms. Just as the economy has bottomed out, I feel certain that membership has bottomed out also and we can look for an increase in membership throughout the coming year. Those chapters which have posted significant gains in membership this year include AGC of South Dakota with 17 new members; Louisiana Highway, Heavy, Municipal and Utilities Branch with 16; the AGC of Wyoming with 16; Utah Chapter with 11; and the Idaho Branch and the Wyoming Contractors Association with 11 new members. It is also significant to mention the gains in chapter associate/affiliate membership which has increased by more than 2500 in the past two years.

I must also report the death of two AGC national past presidents — Frank J. Rooney who served as president in 1956, and Saul Horowitz Jr. who served as your president until March of this year. I knew both of these men well. Their qualities of leadership and statesmanlike conduct are a legacy for the future. It grieves me deeply to report their passing.

A number of other significant industry developments and association achievements occurred since the AGC convention in Hawaii, among them:

- adoption of new "small business" size standards by the Small Business Administration which now defines a construction firm as a "small business" if its average annual receipts for the preceding three fiscal years do not exceed \$12 million. The previous limit was \$7.5 million.
- expansion of the scope of the Corps of Engineers' regulatory permit program from the traditional "navigable waters" to include all "waters of the U.S." The regulations will extend federal control over discharges of dredged or fill matter to many areas never before subject to

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federal regulations. AGC has voiced its strong opposition to the Chief of Engineers.

- elimination of the subcontractor listing requirement by the Department of Interior. AGC favored this cost saving move and will continue to seek elimination of the listing requirement by the General Services Administration, the only federal agency still using the requirement.

- defeat of the federal land use legislation when the House and Insular Affairs Committee voted not to report the bill to the House floor. AGC told the Committee that federal zoning laws were "unrealistic and unworkable."

- expansion of AGC's Zero Accident Audio/Visual Aids Programs to 20 with the addition of six new safety programs directed to the areas of highway, heavy and municipal-utilities safety.

- deletion of the EPA authority to implement indirect sources and parking management regulations from the Clean Air Act. AGC worked hard to bring this about.

- agreement by the Corps of Engineers on numerous AGC suggested revisions to the Corps' Equipment Cost Guide and Safety Manual including the Corps' acceptance of the 90 dba noise standard instead of the much more restrictive 85 dba previously proposed.

- selection of your Executive Vice President as chairman of the Subcommittee on Oil and Gas Regulation of the Federal Energy Administration's Construction Advisory Committee.

- development of a Cement Masonry Curriculum designed to provide an individual with enough knowledge to be employed to perform a specific task or tasks while the individual continues to learn. A commercial carpentry curriculum was developed last year by the AGC Manpower and Training Committee. Work has begun on a bricklayer's curriculum.

- continuation of the AGC participation in the National Construction Industry Council which was developed by AGC immediate past president Saul Horowitz Jr. to allow the industry to speak with a "single voice."

- development of a series of management conferences including the already-held and highly successful conference on Marketing Construction Services. Others to follow include: an AGC Mini-College, Oct. 22-24, St. Louis; Claims and Contracts, Nov. 11-13, Washington, D.C.; Construction Management, Dec. 3-5, Atlanta; and Financial Planning and Profits, Jan. 13-15, Phoenix.

- filing of an official protest against an EPA requirement for "extensive consideration" of secondary environmental effects of all EPA funded water and sewer projects. AGC has urged other groups to register their protests with EPA, and has requested the Office of Management and Budget to investigate the economic impact of the requirement.

- continuation of AGC's efforts for reform of the EPA's Construction Grants Program. AGC met with the Congressional Rural Caucus and told them that the lethargic pace of this program is costing our rural areas much needed employment, as well as water and sewer facilities. We are making progress in this area.

- establishment of a working relationship with officials of the FBI's National Crime Information

Center to assist in our efforts to reduce the theft of construction equipment.

- development of many new AGC publications, among them: "Guidelines for Management Members of Apprenticeship Committees"; "Guide to Owners Responsibility for Construction Projects"; "Preliminary Design-Build Agreement"; "Standard Form of Design Build Agreement Between Owner and Contractor"; and a booklet describing the organization and work of this association, the only national, association with headquarters in Washington, fully staffed and fully qualified to give the general contractor the service he needs and should have at the local, state and national levels.

With regard to the economy, once again it's the season for speculation based on guesstimates. There does seem to be general agreement among analysts that the worst is behind us; that we can look for a continued recovery through 1976 "at a leisurely pace."

Construction statistics seem to bear that out. Both residential and nonresidential construction are expected to post "much better than average gains" in 1976, and, according to at least one economist, "if this business upturn achieves only the average proportions of recoveries since World War II, business will continue to expand until June 1979." Here's hoping.



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A Sense of Twilight

(From page 6)

particular case, the major factor in their change was that the need, the sense of struggle, which had united them, had given way to comparative affluence. With this change, the units of the younger generations, feeling no need of a family center, joined wholeheartedly into consumer competitiveness. My father comprehended by his *feelings* the broader implications of what he had watched happening in one family.

This is not to offer the reasons for this one family's change as the explanation of the national loss of the extended family. This one illustration is, however, central to my belief that not only is the passing of the extended family determined by many factors but that this very passing is a part of the many-faceted shifts in the social forces which began in the 1920s, gathered momentum in the Depression and accelerated after World War II. Now the totality of shifts in the social forces during the past half-century have created a "civilization" (if that is the right word) which cannot be understood by comparing it with what existed before.

Some of the most obvious social changes that have fashioned a new American society are the decline of localism and of neighborhoods; weakening of the strength of traditions, along with the decrease in the practice of civility and decency, and a loss of the sense of security from harm in our cities; confusion in any order of a social hierarchy, as part of the moves toward a *condition* of "equality" for every one, along with loss of respect for authority; new attitudes among citizens (even of "citizenship") which arose with the people's loss of respect for their government and its politicians; and, perhaps running through all change, the intrusion of faceless government bureaucracies into all facets of community life, resulting from the people turning to the government for everything as an alternative to taking care of their own, or even of themselves.

Confronted with such change it is inevitable for those of the older generation, formed in the warmth and security

of the time of the extended family, to feel some regret for all that is gone. Yet, that some of the older generation (and the middle generation too) regard the present as the "twilight" of a civilization is not necessarily an accurate appraisal. The rising generations, those who never experienced the world that is passing, must properly judge the present — not in comparison with anything else, but in its own terms. In many areas, especially politics, the country could be well served by citizens uninfluenced by the way things used to be, including goals now obsolete which some Neanderthals in power seem determined to perpetuate.

However, I must say that many of us would feel less twilight-y if evaluations of the present society leaned more to matters of the spirit — in individuals, in communities, in the nation — rather than, say, to statistics of the % of under seventeens who have experienced sexual episodes and how many. Such statistics do not explain the kooks among us (although studies of California might help on that), and we might all feel a little better if more studies were made of and attention paid to the comparatively "normal" among the younger generations who are making honest efforts in one way or another to contribute to the health of the establishment.

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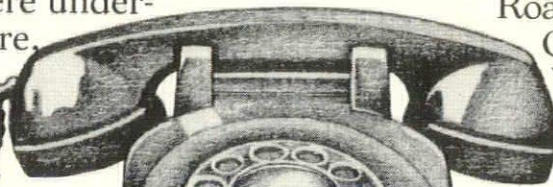
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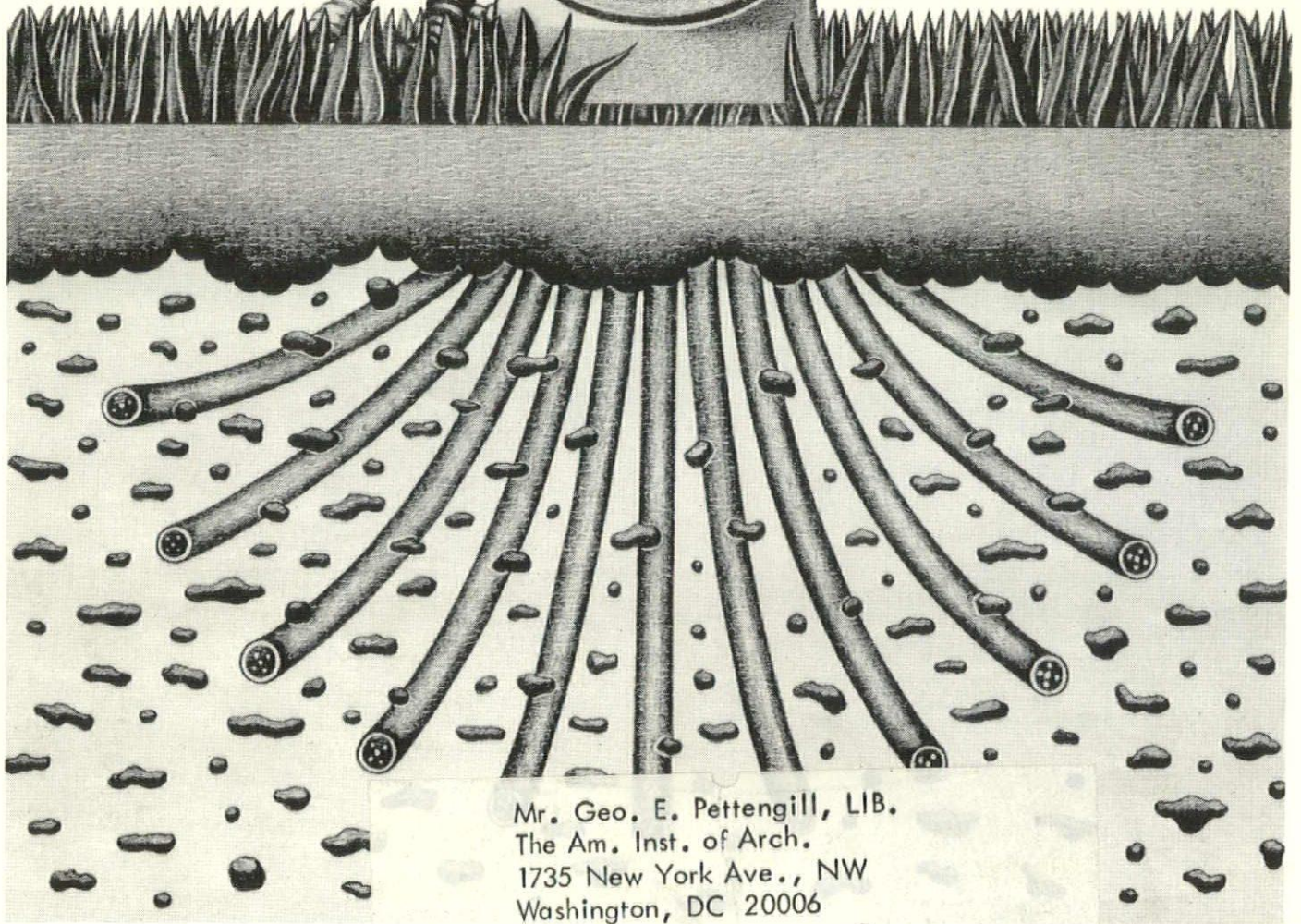
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