

MAY, 1968

NORTH CAROLINA
ARCHITECT



PUBLISHED BY THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS



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NORTH CAROLINA ARCHITECT



MAY 1968, VOL. 15, NO. 5

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NORTH CAROLINA'S TWO NEW FELLOWS

North Carolina's nominee for Director of the South Atlantic Region of The American Institute of Architects, S. Scott Ferebee, Jr., and Chief Design Consultant, Division of School Planning, Department of Public Instruction, Marvin R. A. Johnson, have been notified of their election to Fellow of The American Institute of Architects. Ferebee received the honor for his Service to the Profession and Johnson for Public Service.

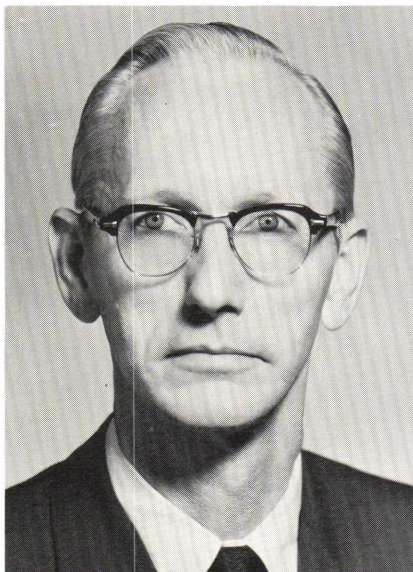
A nationally prominent jury of architects each year selects outstanding men from the profession to receive this honor. Of the 22,000 members of AIA, approximately four percent have been named as Fellows, the highest honor bestowed on AIA members. North Carolina's Fellows now number seventeen.

Investiture of the new Fellows will take place in special ceremonies during the AIA Annual Convention at Portland, Oregon, June 25.

It is with pleasure we announce this well-deserved honor. We congratulate Scott Ferebee and Marvin Johnson and wish them every success in the years to come.



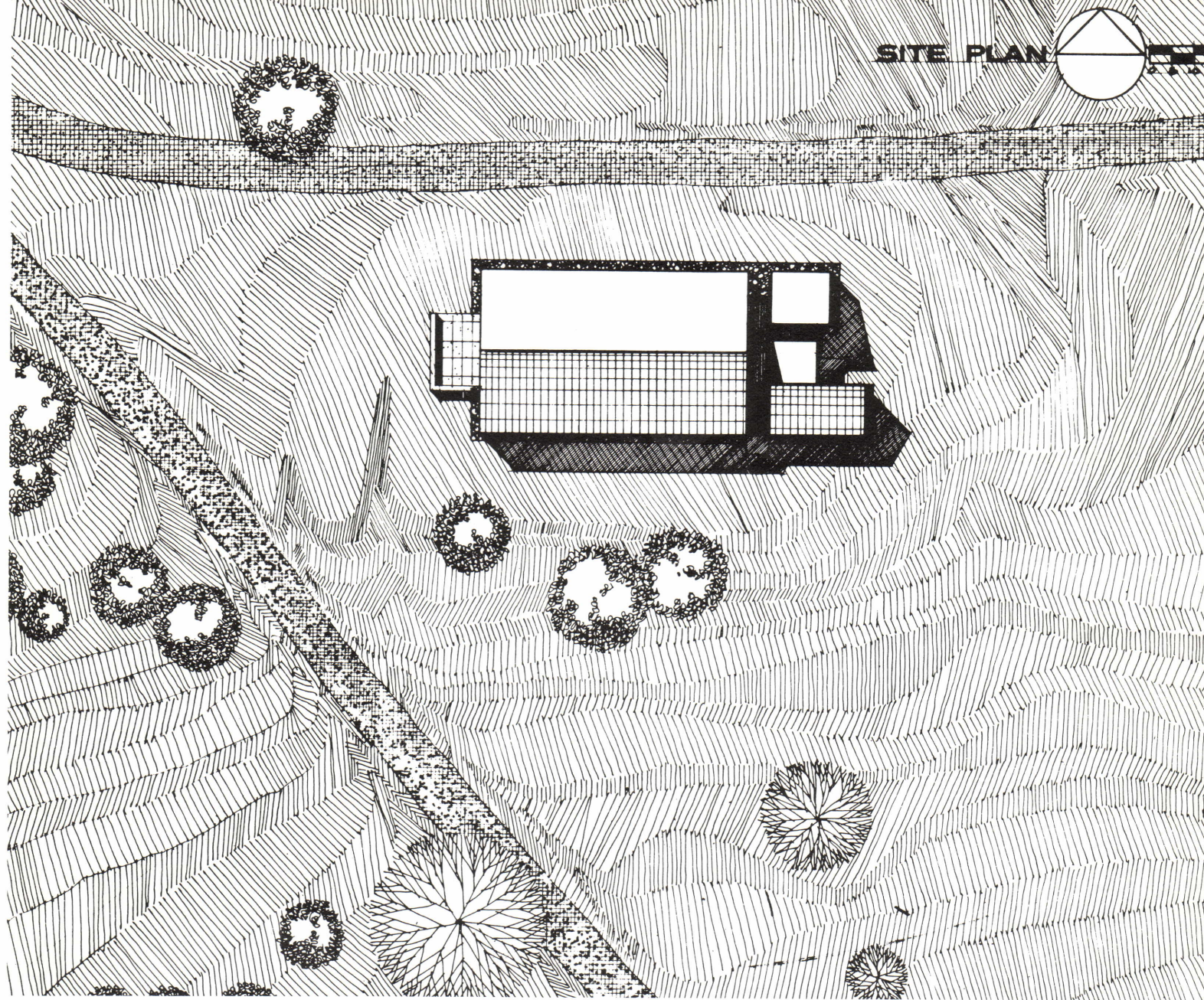
S. Scott Ferebee, Jr., a lifelong resident of North Carolina and a 1948 graduate in architecture from North Carolina State University, is a partner in the firm of Ferebee, Walters & Associates of Charlotte. His Fellowship was earned by his diligent endeavor in behalf of his profession, in giving unselfishly of his time and efforts toward the improvement of architectural design and the image of the architect in North Carolina. He was president in 1964 of the North Carolina Chapter AIA and has served on its Board of Directors for a number of years. His tenacity in completing any assignment was proven by his success as State Chairman of the Octagon Fund-Raising Campaign. Ferebee is also an active civic and church leader in his community. He has taught an adult Sunday School class at the St. Paul Methodist Church in Charlotte for a number of years, and has served on various local committees including the Beautification Committee, the Urban Redevelopment Committee and the Higher Education Committee. He has directed The Architects and Engineers Division of the Charlotte United Appeal for several years. Currently, he is President of the North Carolina Design Foundation and a Director of the North Carolina Architectural Foundation. Ferebee also serves as a Brigadier General in the U. S. Army Reserve, where he has held positions of Chief of Staff and Assistant Division Commander of the 108th Division. In July, Ferebee will become Director of the South Atlantic Region of The American Institute of Architects, and will serve as a Director of The Institute for the next three years.



Marvin R. A. Johnson, a graduate of Harvard University, M. Arch., Phi Beta Kappa, is a Chief Design Consultant, Division of School Planning, Department of Public Instruction. In this capacity, Johnson consults with each architect and superintendent involved in the planning and design of all school plants in North Carolina. He has served his profession nobly by showing the public what good planning can accomplish and he has placed architectural services in the very best light for the school superintendents. As a consultant, speaker, and writer, he has rendered an outstanding service to the state and nation in the field of public education far beyond the call of his duty as a State employee.

Johnson has served as a design consultant on special projects such as "Opportunity School", "School for Performing Arts", and to the Office of Education. He has presented papers to various state and national organizations and published numerous articles and booklets on school planning. His writings on the school library have received national recognition.

He is an active member of a number of professional organizations relating to the field of architecture, school planning and administration. He is a president of Raleigh Chamber Music Guild, a member of Board of Parish Education, Lutheran Church Missouri Synod, and contributing member to North Carolina Art Society.



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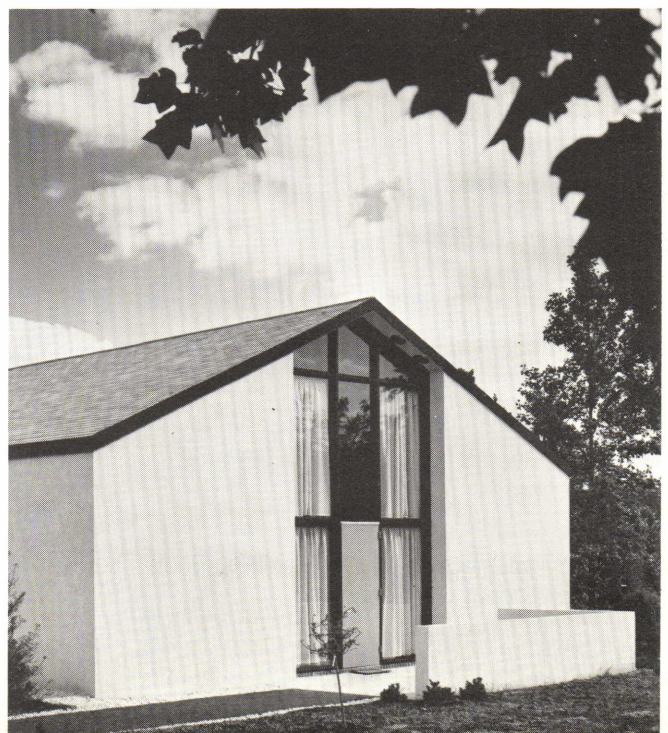
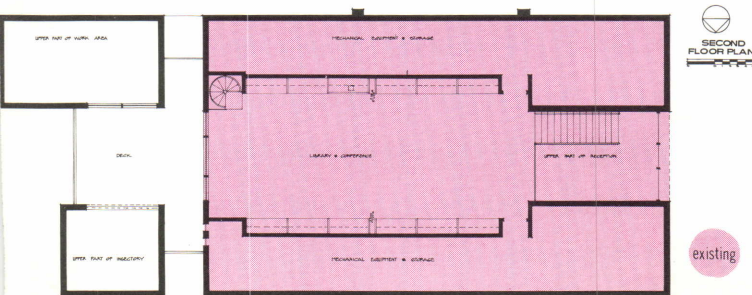
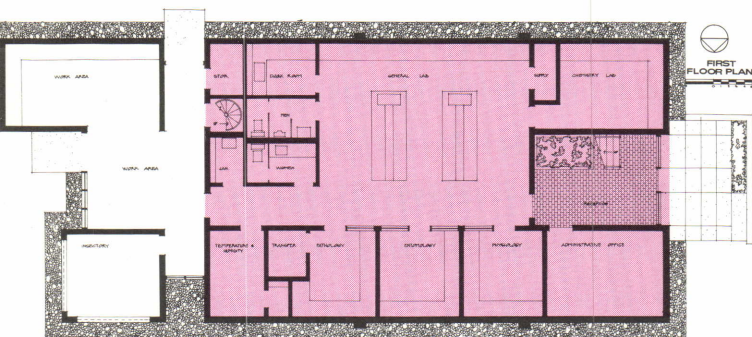
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concrete progress...

cement manufacturers work so many ways to make it happen

MATCHING CONCRETE'S TALENTS TO THE ARCHITECT'S CREATIVENESS

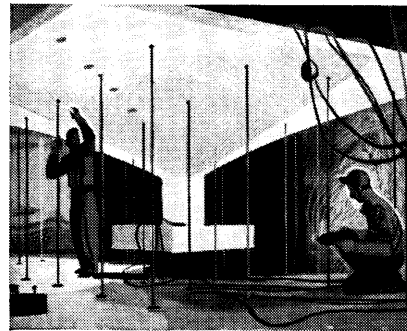
Today's unique concrete shell roofs evidence dramatically how concrete is capturing the imagination of architects—and for that matter, of professionals in every field of construction. □ Yet, the growing appeal of concrete is no mere happenstance. It has been developed by broadening the versatility of concrete, by enabling builders to exploit its limitless potential—by literally “making progress happen.” □ Major responsibility for this development was taken on years ago in the U.S. and Canada by the manufacturers of portland cement. While competing for sales, they cooperate for progress. Through their Portland Cement Association, they sponsor a development program beyond the resources of any of them individually. □ Research, basic and applied, conducted in a 10-million-dollar laboratory complex, has enabled concrete to meet the needs of a new era. □ In the continuously changing technology of construction in every field, concrete users

depend on the continuing flow of engineering and technical literature provided—as well as the services of a specialist staff, including 375 field engineers working out of 38 district offices. □ These services are among the many provided by cement manufacturers, without charge, to users of concrete. They benefit everyone in some way every day at work, at home, on the highway.

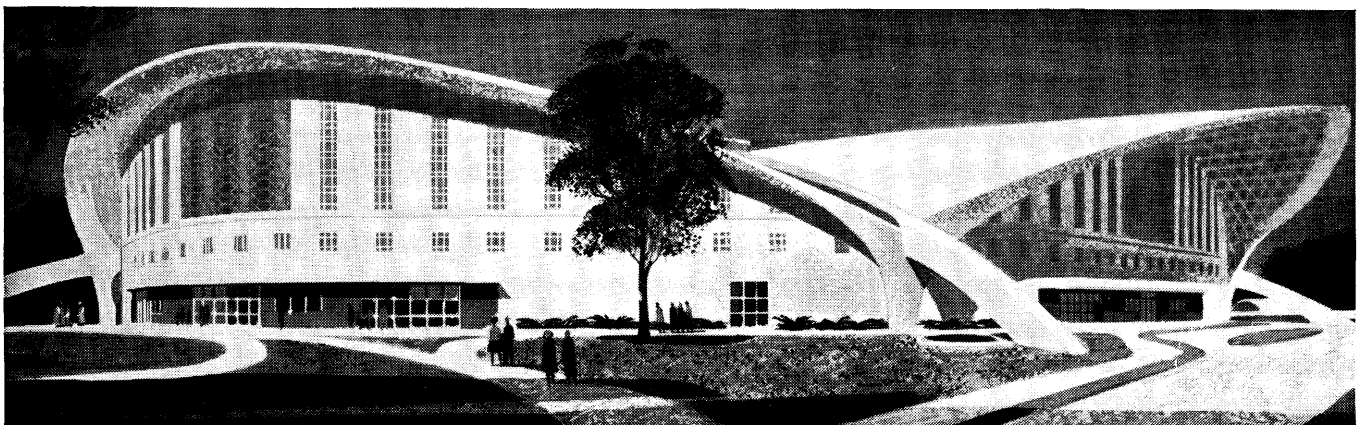
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FILM PROJECT THE PIEDMONT CRESCENT

R. S. Wurman

Under the initial auspices of the governor and the North Carolina State Film Board, a film project was initiated in 1963 to describe the Piedmont Crescent Counties (12 in number) located within the 32 county Piedmont area of the State of North Carolina. The film was not only to describe these counties but also set the informative stage for an evocative statement concerning the recognition and desirability of regional planning, in this case a concern for the space between the cities and the connection of city to city.

In order to handle the statistics graphically in a comparable and interrelated way, various experiments were begun concerned with notation in a concurrent geometry, as well as the expres-

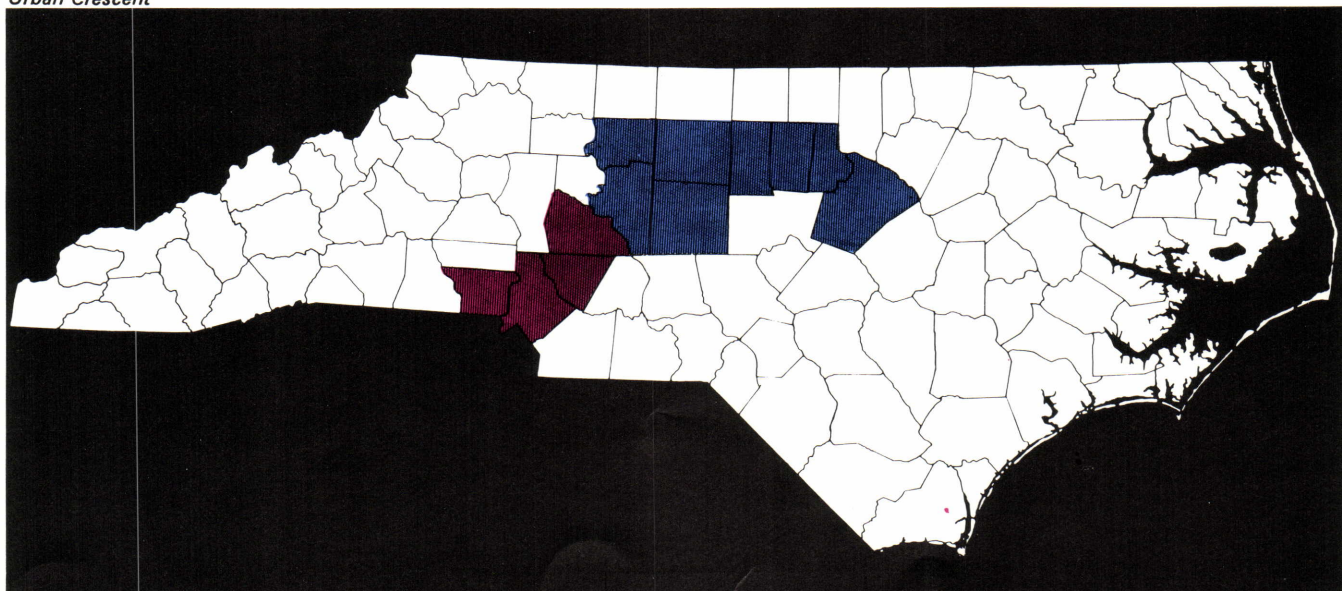
sion graphically of the particular visual characteristics of each category of information. Some of the categories that were to be described through time were as follows: trails, roads and highways; rail lines; population magnitude and urbanized areas; secondary schools; higher educational facilities and their magnitude; manufacturing dollar; wholesale dollar.

The film is largely animated and it shows by a systematic notation means these many elements of growth starting initially with a section which sets the Piedmont Crescent urbanized region relative to the five major urbanized regions in the United States and showing the growth of the population of the United States from

1607 to 1960. The film then describes through live footage the three major areas of the State, the Coastal Plain, the Mountain Region and the Piedmont. The next section deals with certain specific information concerning the 32 counties of the Piedmont. The natural densities that occur within 12 of these counties relate to the next logical sequence of a penetrating series of growth animation documentations from 1850 to 1960, of these the 12 densest counties are:

Gaston
Mecklenburg
Cabarrus
Rowan
Davidson
Forsyth
Randolph

Urban Crescent



Guilford
Alamance
Orange
Durham
Wake

And the corresponding major cities:

Gastonia
Charlotte
Concord
Kannapolis

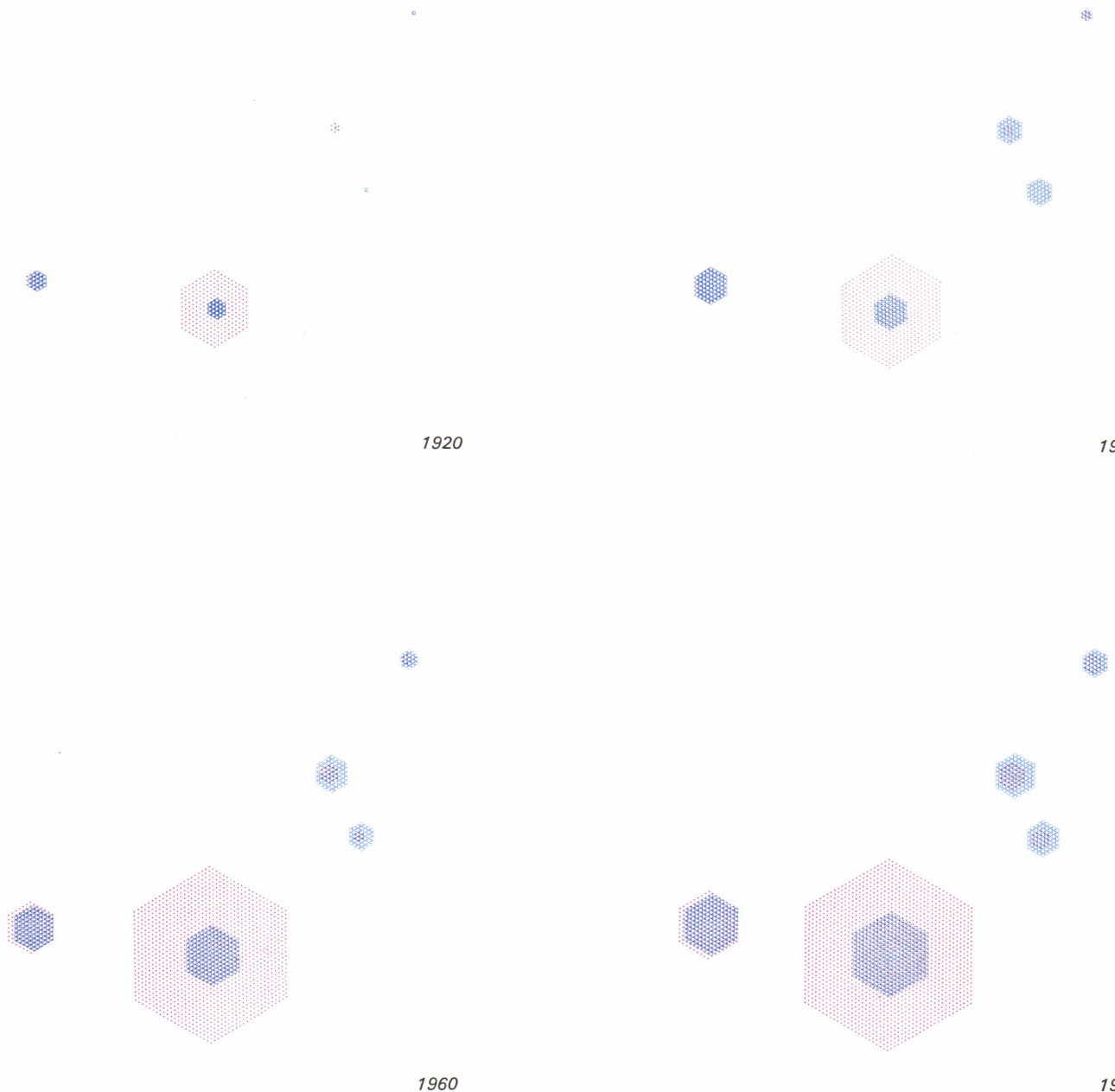
Salisbury
Thomasville
Lexington
Winston-Salem
Asheboro
Greensboro
Burlington
Chapel Hill
Durham
Raleigh

The following is a draft of the outline of the final section or the

prognostication which addresses itself to regional planning. So, what now? What next? Of course, growth is inevitable. Growth means increased prosperity, increased employment and investment, and a better total environment.

But—it could also mean the loss of space; of pleasant leisure; of comfort, convenience, and peace of mind. It could mean wasted

Wholesale Dollars
Manufacturing Dollars



investment, duplication of services, congestion,—the same fatal process that has blighted many an American metropolis.

The quality of growth depends largely on a process in which thousands of individual decisions add up to what we call "Development" or "Progress." Are these decisions effectively coordinated with one another? Are they carried out with clear

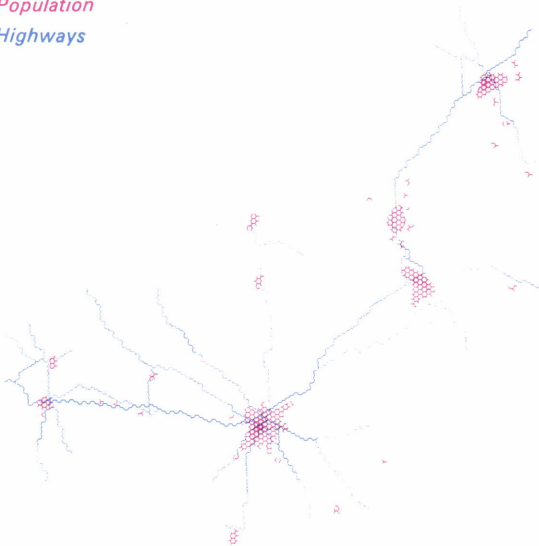
goals in mind?

It takes coordination, not only at the local level, but between city and county, county and county, local units and the state. This is the essence of what is called "Regional Planning" — effective coordination of decision-making. To identify regional objectives, and then achieve them.

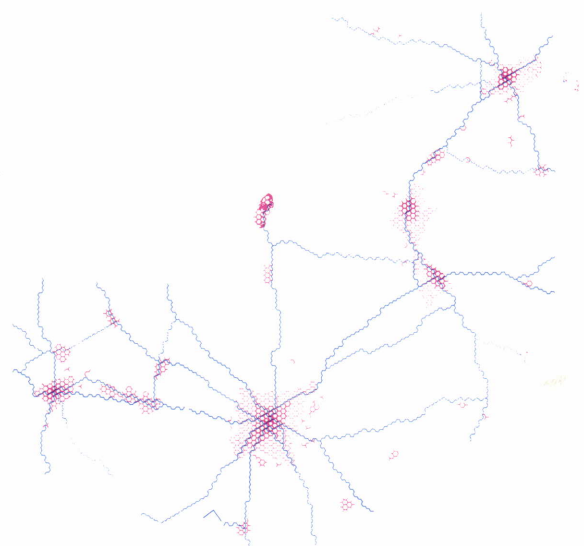
We still lack a modern, effective, region-wide institution to pull

critical development decisions in line with one another. We will have to develop a whole new approach, a comprehensive one, in which each regulation, each decision about policy or money for new facilities, is made within a framework of prior agreement about objectives. The impact of each local decision needs to coordinate with other local decisions.

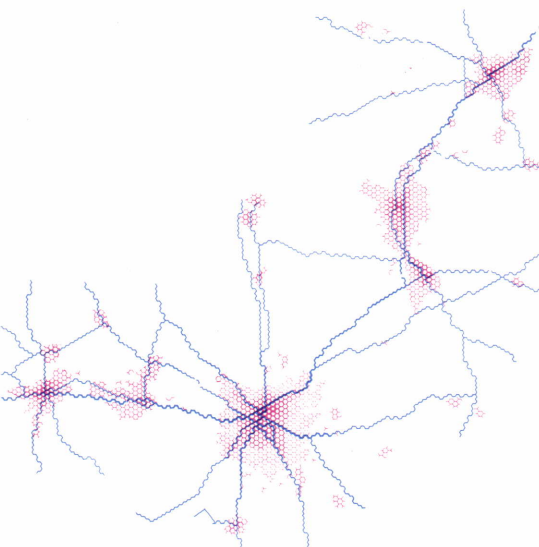
Population
Highways



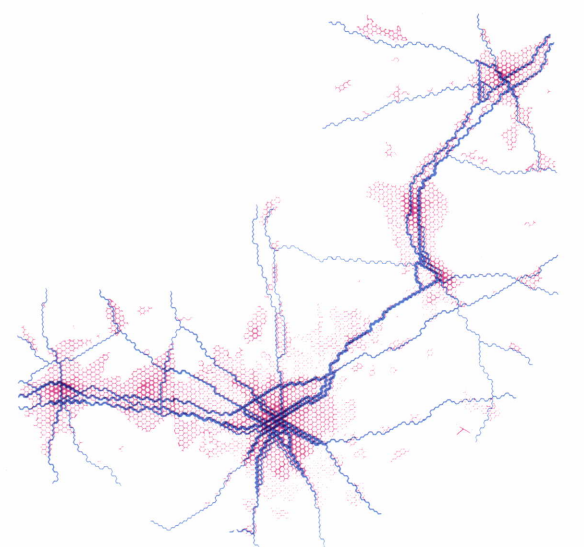
1890



1920



1950



1980

Most of our cities have learned the hard way that some internal coordination is necessary. The "where" and "when" of locating schools and public utilities, for example. We know that development problems spill over local boundaries; when one town "zones out" a noxious or unwelcome activity, the problem is simply pushed away, to become "somebody else's" problem.

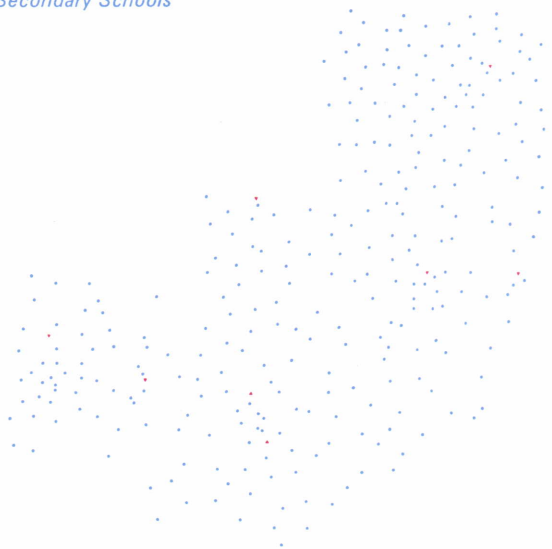
It needs a comprehensive, coordinated approach in any region, just as it does for individual cities and counties within it.

Another point about development; when small, individual units work together with larger objectives in mind, all sorts of things are possible. Facilities beyond the reach of any one unit may well be possible on a

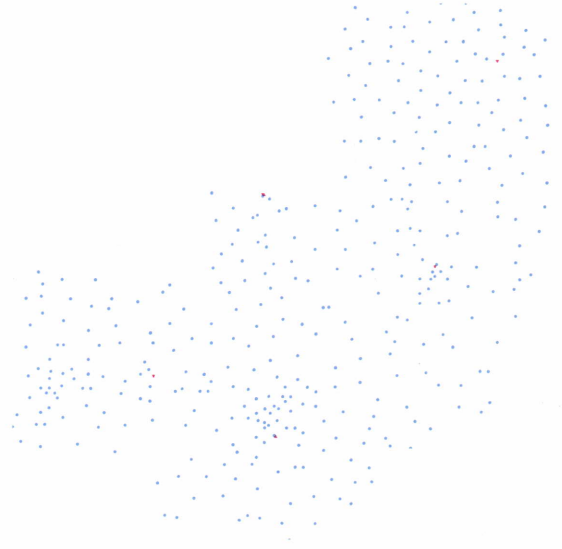
regional basis. This is true of education systems, symphony orchestras, or transportation systems to serve a whole region.

Some of the things we have to do can only be approached through regional action. For example, some planners say we must start now to think about a high-speed, inter-city ground transportation system; that we

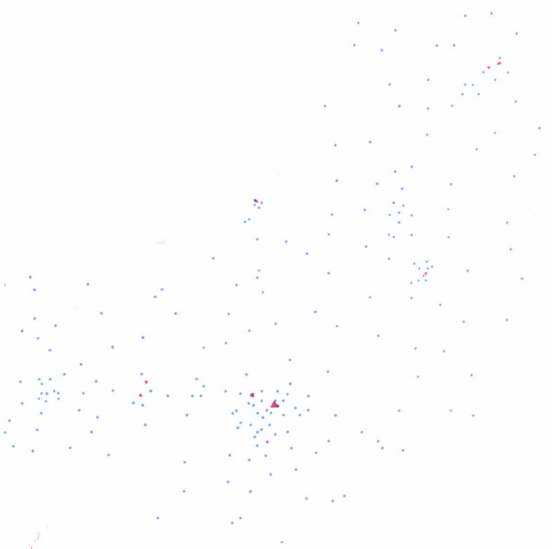
Higher Education
Secondary Schools



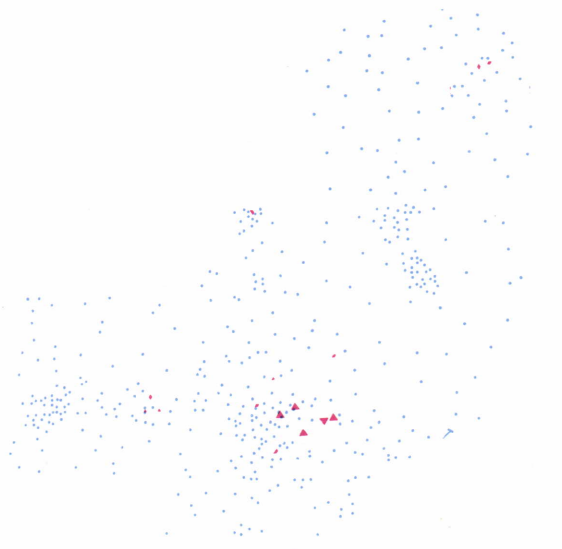
1890



1920



1940



1960

must start now, to provide open green spaces between our cities, to keep them from running into each other. Yet no one city, county or state agency can do this kind of planning by itself.

These are tough problems, especially in a democracy, and they are getting even tougher. Changes in technology; increasing mobility of people; — and there's no kind of government machinery to help identify our objectives or make plans to achieve them, or get the needed action under way.

We know some things that have to be done.

See that the total transportation system in the Piedmont Crescent keeps pace with the movement of freight and people. Make sure that the hundreds of schools, colleges and research centers keep abreast of population growth, and pay attention to the special interests of the region. See about public measures to care for the shrinking spaces between cities in order to protect our lovely countryside and our precious gift of outdoor living.

Some planning is being done. But much too much, is left to blind chance.

How are we going to do these things?

For one thing, local governments in the Piedmont will have to enlarge their horizons a bit, and submerge their own identities a bit. That's so we can achieve an effective, region-wide planning agency. Such an agency would pinpoint regional needs and opportunities. Make plans for co-operative action by local governments, private citizens, industries, the state and the federal governments.

And the plans will have to include not just the physical shell of the Piedmont, but less tangible things as well—recreation, employment, schooling, and the look and character of the countryside. And most important, our regional planning agency will have to follow through in every possible way, to see that plans are carried out. We are going to have to adapt some of our traditional legal tools to meet these new conditions, to provide new kinds of incentives and restraints, to channel the new growth in logical and fruitful ways.

When they work together, the local governments will find they have plenty of muscle, political and economic, to guide the growth of the whole Piedmont Crescent. Even to influence federal and state government activities within it.

A regional plan will provide the support for those hard, "self-denying" decisions which local officials sometimes have to make in the interest of the region as a whole.

With foresight, Piedmont towns and cities can protect their future. They can reap the benefits of growth without being stifled and imprisoned in the process.

By acting now, they can guarantee a sound and wholesome life in North Carolina, for the generations still to come.

Note should be taken of the following additional prints concerning some of the graphic systems employed:

1. The two economic types of information are shown growing relative to each other and independent of the exact urbanized area that they emanate from.

2. The increment of road future growth is based on the understandable unit in North Carolina, which is the four-lane limited access highway and its capacity.
3. Population is shown as a characteristic and qualification of total urbanized development.
4. Secondary schools are shown by position and incidence and not by magnitude.

The film is currently in production and has a release date soon after its completion at the end of June, 1968.

Richard Saul Wurman, AIA, Project Director, NCFB, Eugene Messick, Associate to Project Director, James Beveridge, Director, NCFB.

THE ARCHITECT IN THE COMMUNITY



CHARLES H. BONEY, AIA, a partner in charge of design and site planning, in the firm of Leslie N. Boney, Architect, is an extremely active member in civic and professional work. Among his many activities as a member of NCAIA, North Carolina Design Foundation, NCAIA Schools and Education Facilities Committee, Historic Wilmington Foundation, he also is a chairman of the Board of Architectural Review and the Cultural Affairs Committee, Chamber of Commerce, in Wilmington. He is shown here standing in front of Cooperative Savings & Loan Association building designed by his firm with a stainless steel sculpture by Roy Gussow.



BEEMER C. HARRELL, AIA, a graduate of Georgia Tech, is a partner in the firm of Harrell-Clark and Associates who are currently retained by both the Hickory Housing Authority and the Hickory Redevelopment Commission. Harrell served on a committee that drafted a course outline for Architectural Methods and Materials Course for Community Colleges. He is a Vice-President of NCAIA, Chamber of Commerce, and 2nd Vice-Pres. of the Downtown Development Association; Secretary of Salvation Army Advisory Board; member of Hickory Arts Council, Rotary Club, Airplane Owners and Pilots Association, Northminster Presbyterian Church and when the time permits he tries to enjoy the Lake Hickory Country Club.



ROBERT P. BURNS, JR., AIA, head of the Department of Architecture, is one of the youngest men ever to direct a department at the North Carolina State University. He is a chairman of the School of Design Graduate Program Committee which devised a new six year two-degree curriculum which will be implemented in September, 1968. It is considered to be one of the truly bold, innovative programs in architectural education in the nation. In addition to the busy schedule of being a department head, Bob is a member of University Courses and Curricula Committee, Administrative Board of Graduate School and National Institution for Architectural Education. He is also a partner in a firm of Harris and Burns, Architects.



W. B. "BILLY" GRIFFIN, AIA, is one of two architects in North Carolina who has gotten into city government. Griffin decided to run for an Alderman "because I did not like what's happening in my city—and I just had to do something about it." His main interest lies in preventing the unsightly hodge-podge urban sprawl, which is taking place in most American cities, spread in his city. Even though his daily schedule is quite hectic he finds time to be an active member in numerous professional and civic organizations.



ROBERT W. SAWYER, AIA, a partner in the firm of Ballard, McKim and Sawyer, is primarily concerned with expanding and improving the architectural services rendered by his firm, but has found time to serve his community as Councilman and mayor pro-tem of Wrightsville Beach. This is his first experience in public office which began by appointment to fill a term of unexpired office. Bob found that his experience and knowledge as an architect was of real value to the town and became a candidate in the municipal elections of 1967. He was elected and is now serving a four year term. Sawyer feels that architects have much to offer in municipal government especially in areas where rapid growth and development demand vision and planning. He is quite active in numerous civic and professional activities. Bob says his most painless civic activity has been to serve as the Azalea Queen escort in 1966 and 1967. He says this was "good duty".

THE INSTITUTE HONORS FOR 1968

The Chairman of the Committee on Institute Honors, John Rex, invites all members, all state and all chapter organizations of the Institute to present candidates for AIA medals or citations in the categories described below.

In the interest of getting adequate response and representation from all parts of the country, The Institute urges all chapter presidents to appoint committees immediately in order that there be sufficient time for candidate selection and for compilation of the brochure material. All entries must be received by October 11, and will be judged by the Committee on Institute Honors at the Octagon on October 18, 1968. The Institute Honors will be given national publicity and can be the source of good local publicity.

The categories are as follows: Architectural Firm Award, Fine Arts Medal, Allied Professions Medal, Craftsmanship Medal, Industrial Arts Medal, Architectural Photography Medal, Collaborative Achievement in Architecture Medal, Citation of an Organization and The Henry Bacon Medal for Memorial Architecture.

Nominations must be accompanied by exhibits, photographs and information supporting the nominations, all to be presented in uniform binders which may be obtained by writing to Mrs. Marie Murray at the Octagon.

ALL AMERICA CITIES

Hickory and Laurinburg have been selected by "LOOK" Magazine as among ten All-America cities. In a several-page story with photographs, the editors of "Look" cited these two cities for a variety of accomplishments, particularly in race relations and industrial development.

Hickory, the article pointed out, had built a \$6,000,000 hospital, made sewer improvements, offered a wide range of vocational training opportunities, provided job placement services for unemployed Negroes, had developed a community theater and ballet, and had maintained good relationships between whites and Negroes.

Laurinburg was commended for refusing to let its rural people be forced from the community by the slow-down in farming, but rather finding industry that could give employment to these people. In addition, the city was cited for the progress being made in race relations and for the community cooperation that brought St. Andrews College to Laurinburg.

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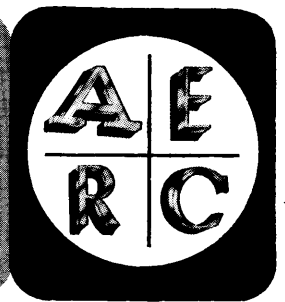
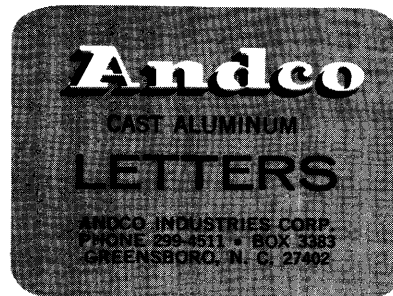
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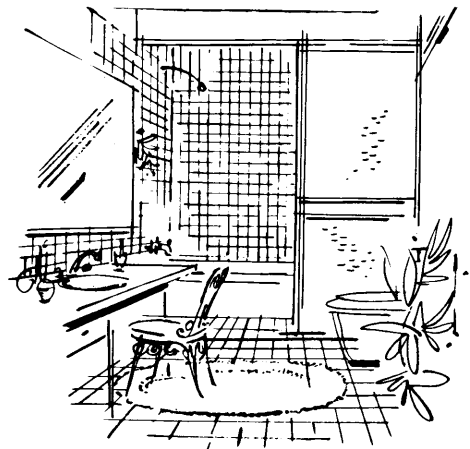
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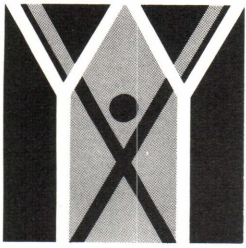
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1968 AIA Convention



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

On June 25, Miss Barbara Ward, internationally known author, editor and economic interpreter, will present the Purves Memorial Lecture with an address titled "Home for an Urbanizing World".

Highlighting the "NATURE" session will be Mrs. Lyndon B. Johnson who will present the first of the B. Y. Morrison Memorial lectures, sponsored by the Agricultural Research Service of the U. S. Department of Agriculture in honor of the first director of the National Arboretum.

Speaking with Mrs. Johnson will be a distinguished panel headed by Orville L. Freeman, Secretary of the U. S. Department of Agriculture; Dr. M. Gordon Wolman, a member of the AIA Potomac Planning Task Force and Chairman of the Department of Geography at Johns Hopkins University; and Marvin B. Durning, a Seattle attorney, who was named "National Conservationist of the Year", in 1965, by President Johnson.

**NORTH CAROLINA CHAPTER AIA
SUMMER MEETING
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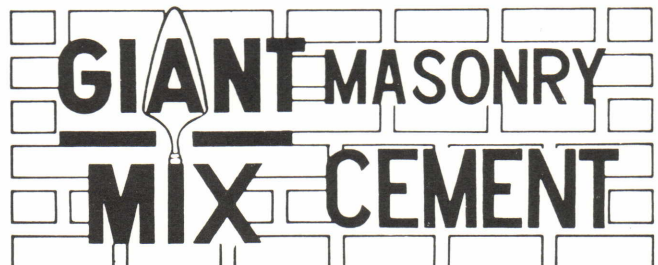
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NATIONAL AIA BOARD MEETS IN ASHEVILLE

For the first time in history, the Board of Directors of The American Institute of Architects held a regular meeting in North Carolina at the Grove Park Inn, Asheville, on April 22-24. Although it was a three-day working session for officers, directors and staff of The Institute, the distaff side enjoyed the lovely spring weather, a tour of Hadley Mills and excellent golfing facilities. The entire group toured Biltmore Estate and dined at the Asheville Country Club.

On Monday, April 22, the Board of the North Carolina Chapter AIA held a regular meeting at the Grove Park and joined the National Board for an evening of fun and relaxation.

Members of the National Board represented all areas of the United States. Robert L. Durham, FAIA, of Seattle, Washington, is currently serving as President.



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ANNUAL COMPETITION FOR OVERSEAS STUDY

The Institute of International Education officially opened its competition for 1969-70 United Government and foreign graduate grants for academic study or research abroad, and for professional training in the creative and performing arts.

Two types of grants will be available through I.I.E. under the Fulbright-Hays Act: U. S. Government Full Grants, and U. S. Government Travel Grants. A full award will provide a grantee with tuition, maintenance for one academic year in one country, round-trip transportation, health and accident insurance and an incidental allowance.

Candidates who wish to apply for an award must be U. S. citizens at the time of application, have a bachelor's degree or its equivalent before the beginning date of the grant. Selections will be made on the basis of academic and/or professional record. For all grants, preference is given to applicants between the ages of 20 and 35.

More than 950 American graduate students will have an opportunity to study in any one of 50 countries. The purpose of the grants is to increase mutual understanding between the people of the U. S. and other countries through the exchange of persons, knowledge and skills.

Further information and application forms may be secured from the Information and Reference Services Division of the Institute of International Education, 809 United Nations Plaza, New York, N. Y. 10017. Students now enrolled in a college or university should consult their campus Fulbright Program Advisers. All requests for application forms must be postmarked by October 15.

IN MEMORIAM

Mrs. Eugenia Marshburn Stockard, wife of H. J. Stockard, died at Rex Hospital, Raleigh, May 13. Services were held at White Memorial Presbyterian Church with burial in Oakwood Cemetery. She is survived by her husband, a son and a daughter, her parents and one sister. Mr. Stockard was Executive Secretary of the North Carolina Chapter AIA for a number of years.

SUMMER JOB PROGRAM

Governor Dan Moore announced an ambitious summer job program for high school and college students. "In cooperation with private business and industry, we are seeking to find meaningful employment for 100,000 young North Carolinians. It is a major undertaking, but certainly it is possible with the help of your organization and other groups representing business and industry."

"Many young people must have summer jobs to remain in school for another year. We have found in State Government that young people are good, productive workers and earn their salaries. Participation in this program will be good business for your members and it will benefit not only those individuals hired but also the State of North Carolina."

"I would emphasize that this is a major undertaking which can be successful only with the full participation of private industry and business. Every employer can contribute regardless of the size or type of his operation. Government can help, but it cannot do the job alone. Your support is essential and time is urgent. Jobs must be found for our young people before the schools close. I hope you will help in this project."

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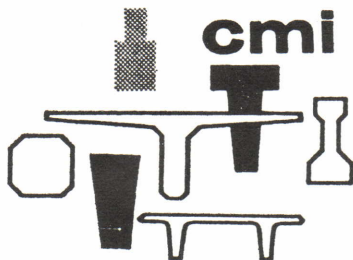
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Raleigh Council Holds Awards Banquet

The Raleigh Council of Architects honored the firm of Holloway-Reeves, Architects and Brian Shawcroft, AIA, ARIBA, for their winning design of the Davie Hall Addition at the University of North Carolina at Chapel Hill. Award of Merit Certificates from the 1968 Honor Awards Program of the N. C. Chapter AIA were presented to the owner, architects and general contractor by NCAIA President J. Hyatt Hammond of Asheville. The Ceremonies took place at the Statler Hilton Inn on May 1st. The Honorable Terry Sanford, former Governor of North Carolina, was the guest speaker. Approximately sixty Raleigh architects and their wives attended the dinner meeting.



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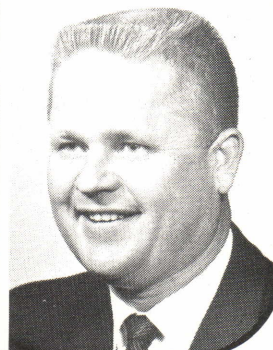
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Calendar of Events

- June 4: Durham Council of Architects, Jack Tar Hotel, 12:30 P.M., Wm. B. Keener, AIA, President.
- June 5: Charlotte Section, N. C. Chapter, AIA, Charlottetown Mall Community Hall, 12:30 P.M., Roy F. Kendrick, AIA, President.
- June 6: Raleigh Council of Architects, YMCA, Hillsborough Street, 12:15 P.M., George M. Smart, AIA, President.
- June 18: Winston-Salem Council of Architects, 12:15 P.M., Twin-City Club, L. Ray Troxell, AIA, President.
- June 20: Greensboro Registered Architects, Cellar Antoine's, 12:30 P.M., R. E. L. Peterson, AIA, President.
- June 23-29: National AIA Meeting, Portland, Oregon and Honolulu, Hawaii.
- Aug. 1, 2 & 3: N. C. Chapter AIA Summer Meeting, Grove Park Inn, Asheville.
- Oct. 9-13: South Atlantic Regional AIA Convention, Atlanta, Georgia.

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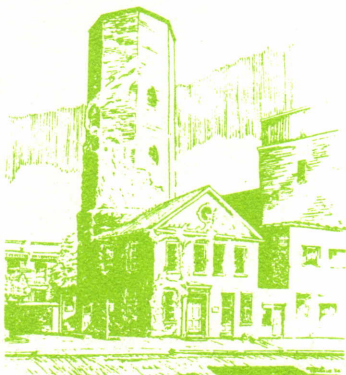
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