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Southern Architect

Volume 4

September 1957

Number 9

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COVER

The new N. C. Building Code Council

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THE SEPTEMBER 1957 SOUTHERN ARCHITECT

PRESIDENT'S MESSAGE

A Department of Products Design has been authorized as a new department of the School of Design at State College by the last North Carolina Legislature. This can be an important cultural ad-



JAMES

can be an important cultural advance for this area, as the need for good design is not limited to the fine arts, but extends to most of the products we use in our daily lives. The members of the North Carolina Chapter of The American Institute of Architects offer their congratulations to the School of Design for its new opportunity to extend its services into new fields and further to enrich the lives of our citizens.

An important part of the School of Design is "The North Carolina Architectural Foundation," which was organized by the North Carolina Chapter of The American Institute of Architects with the purpose of providing financial help to enable the school to obtain and maintain the highest possible standards. This is absolutely necessary if the best talent is to be secured to teach the future architects and designers of North Carolina. Most of the architectural firms in the Chapter donate each year an amount based on the size of its office personnel. Also, very important contributions are being made by representatives of related industries. In spite of this support more money is needed, and a campaign is now under way to broaden the base of contributors. The various Councils of Architects throughout the state are spreading the story of the School of Design to general contractors, sub-contractors, material suppliers and others, with the purpose of securing their financial support. The response so far has been excellent and our profession owes a debt of gratitude to all of the members of the Building Industry for their wonderful cooperation.

The new Department of Products Design will need similar help, and we should take every opportunity to extend our efforts in its behalf.

> W. R. James, Jr., President N. C. Chapter A.I.A.

New Federal law requires that from now on postal zone numbers must appear on mailings (except first class). Your mail from us will be returned if it is not correctly listed. Please advise us by return mail of any corrections on your mailing plate as used on the cover envelope, particularly of your zone number if one is used in your community.

The Editor







N. C.'s NEW BUILDING CODE COUNCIL

One of the acts of our last Legislature was the creation of a new nine man Building Code Council. On August 27 the group was sworn in at a ceremony in the hall of the Senate of the Capitol in Raleigh. Pictured above, from left to right, are Richard F. Booth of Raleigh, Verne Moser of Asheville, Warren Saunders of Wilmington, Harley B. Foster of Greensboro, John Smith, Jr. of Leaksville, Thomas C. Cooke of Durham, A. N. Jeffress of Kinston, A. G. Odell, Jr. of Charlotte and R. E. Vick of Raleigh. The length of terms of the members were staggered. To serve until 1959 are Booth, representing electrical engineers, Moser, representing plumbing and heating contractors, and Saunders, representing building inspectors. To serve until 1961 are Cooke, representing mechanical engineers, Smith, representing general contractors, and Foster, representing structural engineers. With terms until 1963 are Vick, representing state agencies, Jeffress, representing the general public, and Odell, representing the architects. Smith and Moser are holdover members from the former council. At the organizational meeting Odell was elected Chairman and Cooke vice chairman. The next meeting will be held in the Insurance Commissioners office on October 29 for the purpose of adopting a building code.



HOUSE

RALEIGH, NORTH CAROLINA

CONTRACTOR

ARCHITECTS | PAGE & SMITH, AIA CONTRACTOR | INLAND CONSTRUCTION CO. OWNER W. H. CHAMBLEE

> This home with Architect Owen F. Smith as partner in charge is located on a wooded corner lot which slopes 19 feet from boundary to the street. A retaining wall allowed the floor eleva-tion to be set at a desirable level in relation to the streets. The basement entrance is at natural grade. Privacy was obtained by locating the first floor 14 feet above the level of the facing street. The owners desired easy circulation between living area, porch, terrace and multiple purpose area.





HOUSE BY PAGE & SMITH, AIA (CONT.)

The owners desired the kitchen to be a part of the multi-purpose space so as not to be separated from the family or guests during the preparation of meals or refreshments. The kitchen window is toward the drive to provide a view of guests as they arrive. A pass window from the kitchen allows for convenient serving to the porch, which is screened. The owner's foremost hobby is the growing of flowers, and the view from the porch, terrace and many windows was planned to enjoy them. His other hobby is boating, and space is provided in the basement for maintenance work on his boat.

Exterior walls are vertical boards and battens with some areas veneered with local stone, and these are sheltered by 4 foot wide roof overhangs. Eaves and overhangs are painted a soft yellow and boards and battens are finished in a soft yellow green. The built up roof is covered with pink granite chips and is supported by painted exposed wood beams which are parallel to the ridges. Wood ceilings are painted bright colors to contrast with the beams. All interior first floor walls, except in baths, toilet and laundry, are covered with vertical V joint cherry paneling. Bathroom walls are ceramic tile from floor to ceiling. Cork floors are used in living areas, asphalt tile in bedrooms, and terrazzo in baths. Floor construction is concrete, supported by steel joists over basement and by earth fill at other areas. Air conditioning is provided through air diffusers located in the floors.





HOUSE

WILMINGTON, NORTH CAROLINA

ARCHITECT | LESLIE N. BONEY, AIA CONTRACTOR | MILLER BUILDING CORP. OWNER | DAVID W. WILSON



This home, completed for owner David W. Wilson in 1952, has 3500 square feet of area including its terrace. It is located on a corner lot 200×150 feet among beautiful pine trees. The main criteria set forth by the owners was an open house to their lot with privacy towards the streets. Predominant exterior materials of the building are stained douglas fir and deep red face brick with aluminum windows and a white asbestos shingle roof.



HOUSE BY LESLIE N. BONEY, AIA (CONT.)

Three bedrooms were required, with a small den and shop area. These areas were to be integrated so that the entire family could spend their evenings together in a relatively small unit of the house. In the final plan the owners can be close to the sleeping children and are still separated by a sound barrier of closets and the main corridor to the bedrooms. Seasonal storage for clothes is located in the attic and a large storage closet within the bedroom area. The guest room was to be isolated from the other bedrooms for use for a long period of time by a relative. The bath is a powder room for party guests. The dining room and living room walls of glass are open to the terrace, gardens and reflecting pool. The kitchen was designed with informal dining in mind and has stainless steel equipment. The pantry with its pass-through window serves as a buffet as well as a bar. A small pool and interior planting area was requested and was installed as a divider for the dining-living area to allow for working in the winter on the rare plants. Among Mr. Wilson's many hobbies is his Hi-Fidelity sound system. The entertaining area of the house and terraces is wired to a central turn table in the shop area. Low voltage wiring is used throughout the house. The warm air heating system is located in the shop area. The total cost of the house was \$45,000.





ГV STUDIOS

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ARCHITECTS CONTRACTOR OWNER

5 SMALL & BOAZ, AIA R A. E. RACKLEY CONSTRUCTION CO R G. L. & N. CORPORATION

This project is on a five and a half acre site located on Western Boulevard south of North Carolina State College. It is dominated by the 340 foot relay tower with the two main buildings, administration on the left and studio on the right, connected by an elevated covered passage. The grounds, for which the landscape architects are Godwin and Bell, will provide additional planting to compliment the trees on the well-wooded site, a large amphitheater, and parking for more than 200 cars.

The administration building, a 40 ft. x 140 ft. structure to be built by the recently developed "lift-slab" method will house the executive and sales offices and offices for several department managers and directors. Near the front of this building, a spacious reception lounge located as a sheltering cover over the entry drive will overlook the approaches to the station. A lunch room, garage, storage area and mechanical equipment room are planned for the lower floor. The studio building is under construction with the administration building, now in the working drawing stage, to follow it. The passage from the reception lounge will terminate strategically at a point at mid-height between the two operational levels of the 140 ft. x 140 ft. structure. In this building the main level will be occupied by three large studios, one of which will seat an audience of 270, with the shops, control rooms, and dressing rooms that will serve them.

From the upper level, client and public viewing rooms will look down into the studios. A basement level will provide space for air-conditioning equipment and for the complex service wiring and equipment for the extensive electronic installation on the main level. This studio building, for which Bolt, Beranek and Newman of Boston are the Acoustical Consultants, will be of massive sound-isolating construction faced on the exterior with a unique dark (almost black) brick.



This month the American Institute of Architects issued its long awaited "Log Book" for the Architects-In-Training program. The need for such a program has been recognized for some time and was emphasized by the 1950 AIA Commission for the Survey of Registration and Education. This Commission's report was published in 1954 and was accepted by AIA's Board of Directors. The Commission recommended that the AIA cooperate with the Association of Collegiate Schools of Architecture, the National Council of Architectural Registration Boards, and the National Architectural Accrediting Board to develop and establish an "AIA Candidate Training Program." All three organizations have endorsed the program and are in accord in the belief that practical experience is necessary as a supplement to collegiate training and as a prerequisite to the registration or licensing of architects. The Commision recommended that the program include the following provisions: "(a) A minimum period of 3 years of experience in the office or offices of registered architects who maintain practices of acceptable quality. (b) Participation by the candidate in all phases of professional service in several project cycles of varying types. (c) Recording in detail by the candidate in a Logbook of Experience of all phases of his training. (d) Periodic advisement of the candidate by an adviser, who may be the candidate's employer or another architect. (e) Periodic advisement of the candidate and review of his Logbook by an appropriate committee of an AIA chapter. (f) Admission to candidacy and the issuing of the Logbook by The AIA, on the basis of graduation from an accredited school of architecture, or

AIA ANNOUNCES TRAINING PROGRAM

AIA OFFERS FOUR JOURNALISM PRIZES

The American Institute of Architects 5th Annual Journalism Awards Program will offer four cash prizes totaling \$1,500 for the best news or feature stories published during 1957 on an architectural subject or personality. This includes the national and local AIA Centennial Celebrations. Entries may be submitted by either the writer or any daily newspaper or magazine which is made available to the general public, and whose circulation is not limited to a specific membership group or organization. Professional architectural magazines are not eligible.

The Awards are broken down to a \$500 cash

Architect in training Program

FIFTH ANNUAL

Journalism

Awards



upon certification by a Chapter Advisement Committee that the candidate has achieved a level of attainment equivalent to such graduation. (g) Maintenance of candidate status by evidence of acceptable progress, and termination of such status at registration, or upon evidence of lack of progress. (h) Regular reports by the advising chapter committee of The AIA regarding the status of candidates in its care."

The endorsing organizations issued the following statement: "(a) It is the proper function and objective of the accredited school of architecture to provide a broad educational background of general culture and technical subjects leading to a degree in architecture: to examine and evaluate the candidate in these courses, to provide an atmosphere conducive to the development of a professional attitude, and a realization of the need for the experience of the architect-in-training program as preparation for full professional practice. (b) It is the proper function, responsibility, and duty of the profession to provide a program of guided apprenticeship, take cognizance of the candidate program and make available to him opportunities for experience in all areas of practice. (c) It is the proper function and objective of the State examining board to evaluate the experience, knowledge, and judgment gained under the Architect-In-Training program and extent of the exam to the application of his and extent o f the exam to the application of his education to the professional pattern of practice with the objective of determining his professional judgment, competence to serve his client, the public and his profession."

The program is not mandatory and the state licensing or registration of candidates is not dependent upon it. The American Institute of Architects sponsorship in no way should be construed to mean that membership in or affiliation with the American Institute of Architects is necessary for participation. AIA sponsorship and administration is a service to the profession at large. Candidates may apply for enrollment as a Junior Associate in the AIA chapters.

A loose leaf Log Book contains records for the recording of actual work by weekly, guarterly and annual summaries. It also contains valuable reference lists for self education in the profession and the building industry, including: a list of American Institute of Architects documents, the American Standard Association story, information about the American Society for Testing Materials, the U.S. Chamber of Commerce publications lists, Construction Industry Advistory Council membership list, the U.S. Department of Commerce's National Bureau of Standards selected bibliography on Building Construction and Maintenance, an AIA list of National Trade Associations and Professional Societies of the Construction and Building Materials Industries, an AIA list of Trade Papers and Periodicals on the Construction and Building Materials Industries, the Producers Council membership list, Underwriters' Laboratories, Inc. publication "Test-ing for Public Safety" and a reprint of "The Five Fundamentals of Modern Drafting."

Applications are made with the \$3.00 fee to The AIA office, 1735 New York Avenue, N.W., Washington 6, D. C.

award to the writer of the best news story or feature published in a United States newspaper during 1957; a \$250 award to the writer of the news story or feature chosen as second best; a \$500 cash award to the writer of the best article on an architectural subject or personality published by a United States magazine during 1957; and a \$250 award to the writer of the article chosen as second best. Presentations of the cash awards and certificates of merit will be made by the AIA Chapter in the communities of the winners.

Entries must have been published between January 1, 1957 and December 31, 1957. Entries will

be judged by a jury of professional writers and architects, and the awards will be announced not later than March 1, 1958. Each writer and/or publication may enter a maximum of 4 stories for consideration. A tear sheet of the published story or article should be submitted with a notation as to whether the entry is submitted in the newspaper or magazine class. Entries should be postmarked not later than January 30, 1958 in envelopes marked Architectural Journalism Awards, mailed to the Assistant to the Executive Director at AIA headquarters, 1735 New York Avenue, N.W., Washington 6, D. C.



NORTH CAROLINA'S FELLOWS OF THE AMERICAN INSTITUTE OF ARCHITECTS

ANTHONY LORD

This is the second in a series of sketches and selected works of the six architects in N. C. who have been elevated by the American Institute of Architects to Fellowship.

> Anthony Lord was born February 17, 1900 in Asheville, where he still lives and practices. He is the son of one of the N. C. Chapter's most famous members. The late William H. Lord became the first Fellow of the Chapter in 1926, our first Regional Director from 1927-1930, and was the second President of the National Council of Architectural Registration Boards. His son "Tony," as he is known to many, graduated from the Georgia School of Technology in 1922 with a BS in ME, and from Yale University in 1927 in Architecture. In 1927 and 1928 he studied in Europe and North Africa. Parts of his early years were spent as a draftsman in the office of his father, who took him into the firm in 1929. In 1941 he became one of the principals in the firm Six Associates, Inc. of Asheville.

> Lord became a member of NCAIA in 1931. In 1938 he served the Chapter as its Vice-President, and in 1940 and 1951 as President. This past year he has served as Chapter Chairman for the active Centennial Observance Committee.

> He has served his city in many capacities, such as for the last several years as Vice-Chairman of the Pack Memorial Public Library Board of Trustees. He is a member of the Civitan Club, the Mountain City Club, the Biltmore Forest Country Club and the Pen and Plate Club, the latter for which he is now preparing a paper on regional planning.

> Among his early endeavors was heading an ornamental iron firm, during which time he became a competent enough blacksmith for some of his work to be used on the National Cathedral in Washington. This talent has been carried over into hobbies which today include cabinet making, water color painting, as well as photography and as a flutist in a local music organization.

> His fellowship was bestowed at the 1957 Centennial Meeting of the American Institute of Architects.



SELECTED WORKS OF ANTHONY LORD, FAIA



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NORTH CAROLINA PERSONALITY OF THE MONTH



This is the second of a series of articles giving a sketch of the *l*-aders of various organizations and fields of business with which members of NCAIA are connected.

MISS ROSALIE ANDREWS

During the convention of the North Carolina Education Association in March in Wilmington, an attractive lady from Piedmont, North Carolina became their President without opposition. Miss Rosalie Andrews was born in Greensboro in 1911. She graduated from High Point College in 1930, did graduate study at Temple University in 1934, and also at Teachers College of Columbia University, and received her Masters Degree in Education from the University of North Carolina in 1955. She is a teacher in the Shamrock Gardens School in Charlotte, and has also taught in High Point and Winston-Salem.

For four years from 1946 to 1950 she served as Field Secretary for the N. C. Education Association. When she left to teach she was elected to their Board of Directors from 1952 until 1955, during which time she served as Chairman of the Constitution Revision Committee and as a member of the State Advisory Council on Teacher Education. Last year she served as Vice-President of NCEA. She has also served as President of the Charlotte Classroom Teachers Association and as President of the Charlotte Branch and the Winston-Salem Branch of the Association For Childhood Education. Miss Andrews is a Methodist, a member of the Delta Kappa Gamma Sorority, and is a Life Member of the National Education Association.

AREY IS U.S. REPRESENTATIVE TO GERMAN MEETING



Mr. and Mrs. Robert F. Arey flew to Berlin August 17 where Mr. Arey attended the Bundes Duetsches Architekten Convention for five days. Mr. Arey is the only American member of the BDA and was appointed official representative from American Institute of Architects to the German Architects. He also carried official greetings from the President of the North Carolina Chapter of the AIA, and also official greetings from the Winston-Salem Council of Architects. During the meeting Arey presented the President of the BDA with the AIA's special Centennial Medal and the United States stamp commemorating AIA's Centennial. While abroad Mr. Arey discussed se-

curing the employment of a young prom-

ising architect in Stuttgart whom he met when he was in Germany several years ago. If satisfactory arrangements can be made, Mr. Arey will sponsor this young architect for the necessary year as an employee of his firm, Stinson-Arey-Hall, Architects and Engineers of Winston-Salem. After several days in Stuttgart, Mr. and Mrs. Arey flew to Copenhagen for several days, thence to Paris for a Drama Festival, then returned home. Mr. Arey stated, "I consider this the

Mr. Arey stated, "I consider this the chance of a lifetime to extend my architectural knowledge."

A report on the meeting which will include some slides Mr. Arey made is scheduled during NCAIA's meeting next January 16-18 in Winston-Salem.



NCAIA PAST PRESIDENT REPLIES TO EDITORIAL

A two year battle over the design of the Chapel at the Air Force Academy in Colorado was concluded in August in the last weeks of Congress when the House changed its mind and voted the necessary \$3,000,000 for construction. The Chapel is in reality three separate chapels in one building. Enclosed within a series of fin-like arches, made up of connecting tetrahedrons, are a 900 seat Pro-testant chapel and at a lower level, a 500 seat Catholic chapel and a 100 seat Jewish chapel. The 19 tetrahedrons are 125 feet high and on the exterior consist of insulated aluminum panels perforated on the interior for sound damping. The panels will be supported on pipe sections. The building is 280 feet long and 84 feet wide between abutments. The design by Skidmore, Owings, & Merrill had the approval of religious leaders but met opposition from some politicians and newspapers. A. G. Odell,

Jr., NCAIA's past president, in rebuttal to an editorial which appeared in the Charlotte Observer said in a letter which they published "The architects of the Air Force Academy are endeavoring to construct a symphony in three dimensions that will aesthetically and functionally express the technological development of our nation and the higher aspiration of our civilization.—Many of the greatest architects, painters, philosophers and musicians died penniless and unappreciated, but their works now delight the universal sense of beauty of generation after generation.—We should be grateful for the aesthetic leadership of the architects and the administrators of our Air Force Academy who reach imaginatively upward to contribute to a creative architecture which can be the rich heritage of our people, as has the best architecture of nations and civilizations of ages past."



AIA ELECTS SEVEN NEW MEMBERS

On September 6th The American Institute of Architects selected seven North Carolina Architects into membership. They are:

Walter Lee Bost P. O. Box 1433 Kannapolis, N. C.

Walter Carstarphen Burgess P. O. Box 9295 Raleigh, N. C.

Beverly Lafayette Freeman 3949 Fairfax Dr. Charlotte 7, N. C.

William Clayton Mays, Jr. 329 North Wrenn Street High Point, N. C.

Robert Griffin Parks 329 North Wrenn Street High Point, N. C.

John Norman Peterson 2008 Grace Avenue New Bern, N. C.

James Roland Pittman, Jr. 115 West Morgan Street Raleigh, N. C.

These new members will be inducted into the North Carolina Chapter January 17th at the Annual Meeting in Winston-Salem. Southern Architect extends to them congratulations.

RALEIGH COUNCIL ELECTS OFFICERS

On September 19th at a meeting of the Raleigh Council of Architects, Marvin R. A. Johnson was installed as the new president. Johnson, on the left, succeeds Guy E. Crampton in the post. J. Stanley Fishel, center, was elected vice-president and Joseph N. Boaz, right, secretarytreasurer.



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IT'S THE PACKAGE AS WELL AS THE CONTENTS



New addition to Belk's Department Store, Charlotte, N. C. Architect: A. G. O'Dell, Contractor: McDevitt and Street.

One look at the building above tells you Belk's, in Charlotte, knows how to put superior merchandise in a smart package.

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ARCHITECTS AND BUILDERS IN THE NEWS Charlotte Hears Goodyear

The speaker at the Charlotte Council of Architects meeting September 4 was Mr. George Goodyear, President of the National Home Builders Association, of Charlotte. Mr. Goodyear discussed some differences between the home builder and the average commercial builder, and between the architect and the home builder. He appealed for greater understanding between these groups.

Rice Has Son

Richard L. Rice, AIA of Raleigh, Chairman of NCAIA's Publication Committee, became the proud father of a son in August.

New U.S. Plywood Plant

B. C. Bowker, Director of Public Relations for the U. S. Plywood Corporation, has invited architects to visit their new hardwood finishing plant at Orangeburg, S. C., or to attend the opening ceremonies October 8 at 9:30 A.M.

Forum Speaker

Carter Williams, AIA of Raleigh, is to be on the program of the 3rd annual Clay Plant Operators Forum, to be held October 7-9 at N. C. State College.

Simplied Drafting

N. C. State College's Industrial Experimental Program staff has recently completed a rough draft of a bulletin on simplified drafting room procedures. They are trying to design a publication that will be helpful to firms in the state who must train their own draftsmen. Before they go to press, however, they would like to hear from firms that may have problems, suggestions or other specific interests in this area of operation.

Address On College Attendance

Edward W. R. Waugh, AIA of Raleigh, addressed the Jaycees of that city on the problems confronting colleges in this state and nation in the years ahead. He said that compared to the 3 million in colleges today we can expect 6 million in 1967. He cited population increases and higher percentages of high school graduates attending colleges as major factors, and expressed concern over teaching staffs as well as physical plants. He expressed the belief that the major increases would have to come at state supported institutions which will cause tax requests study, possible night classes and 12 month courses, and possible revised entrance and teaching requirements.

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Architects are invited and urged to submit their projects for publication in Southern Architect. All material should be addressed to Southern Architect, P. O. Box 408, Raleigh, North Carolina.

In submitting projects, all material should be in the publication office by the 25th day of the month prior to publication. Ink renderings or glossy prints may be submitted and all such work will be returned to the architect after publication.

In preparing material for publication, it is suggested that the material include exterior renderings or photographs, elevations, floor plans, plot plans, interior photographs if the building has been completed, and name and address of general contractor if the job has been let.

It is essential that the following information be furnished:

Name and address of architect.

Title of structure.

Name and address of owner.

Location of project.

It is very desirable that additional information be provided, including an analysis of the problems faced by the architect in preparing his design and his solution of those problems. Below is a sample form which may be followed in submitting material for publication.

Name of architect John H. Jones, AIA Address of architect Charlotte, N. C. Title of structure John Smith Elementary School Name of owner Charlotte City School Board Address of owner Charlotte, N. C. Location of project 100 Street, Charlotte Name of Contractor Day Construction Co. Address of Contractor Charlotte, N. C. Renderings, dates or photographs submitted: **Special foundations** Floor plans Elevations Roof Plot plan Interior photographs Wall finishes **Exterior photographs** Landscaping Problems (State problems faced in preparation of design briefly, but completely.)

Comments

(State solution to problems briefly, but completely.)

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ARCHITECTURAL CALENDAR

- OCT. 1, 15: Winston-Salem Council of Architects. Y.M.C.A., Winston-Salem.
- OCT. 2: Charlotte Council of Architects. Chez Montet, Charlotte.
- OCT. 2, 9, 16, 23, 30: Architects Guild of High Point, High Point.
- OCT. 10-12: Virginia Chapter AIA, Hotel Roanoke, Roanoke, Va. (Joint meeting with Va. Society of Professional Engineers).
- OCT. 11: Western Council of Architects, Chuck House, Statesville.
- OCT. 17: Raleigh Council of Architects, S.&W. Cafeteria, Raleigh.
- OCT. 29: N. C. Building Code Council Meeting, Insurance Department, Raleigh.
- NOV. 10-12: Associated General Contractors of America Carolinas Branch, The Homestead, Hot Springs, Va.
- JAN. 16-18: N. C. Chapter American Institute of Architects Annual Meeting, Robert E. Lee Hotel, Winston-Salem.

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