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THE OCTOBER 1957 SOUTHERN ARCHITECT
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Southern Architect

Volume 4  October, 1957  Number 10

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THE OCTOBER 1957 SOUTHERN ARCHITECT
PRESIDENT'S MESSAGE

As most of you know, our Winter Meeting this year will be held in Winston-Salem, and the Winston-Salem Council of Architects seem determined to make it a memorable event both for the architects and their wives and guests. Bob Arey has been named Chairman of the Council Committee which has many interesting events in planning and under consideration. There will be tours of Salem and other points of interest, a gallery talk on painting, a painting exhibit, flower arrangement and hair styling demonstrations for our wives, a drama presentation, musical presentations, etc. As a part of our regular program Bob Arey will make an illustrated talk on his recent trip to a meeting of the Bundest Duetsches Architeken in Berlin. He will also discuss the famous Interbau redevelopment in Berlin which is receiving international recognition as one of the most significant architectural achievements of the century.

Bob Etheredge has plans for our Honor Awards program well under way and I urge all of you to enter submissions of your work. Bob has secured a very distinguished jury headed by Paul Rudolph.

I just got back from a meeting of the North Carolina Concrete Masonry Association which was held in Asheville at the Grove Park Inn, and was very much impressed by this fine organization and its emphasis on new and improved products for the building industry. Incidentally, Arbie and I had a wonderful time.

The Carolinas Branch of the Associated General Contractors of America will hold their Convention this year at the Homestead, Hot Springs, Virginia November 10-12. It will be a pleasure to represent the architects of North Carolina at this meeting and help to further the good relations between the members of our respective organizations.

In closing, just a word about professional and other group organizations. The purpose of most of them is concerted action, not just to further their own interests, but to help guide their members to take their place in our society and economy and to render better service for the development and well being of our country. Let all of us direct our efforts to this end.

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

PUBLICATION HONORED

For the second time in this AIA Centennial year a publication of the N. C. Chapter has been selected by The American Institute of Architects as a "Document of the Month". The publication "Office Techniques", which the Office Practices Committee under Chairman Luther Lashmit of Winston-Salem has worked on for the past couple of years, and which was released this past month, was chosen as the Document for November. The NCAIA publication contains twenty-two forms to "aid the orderly handling of office routine."

Arthur B. Holmes, Staff Executive for AIA working with the Committee on Chapter Affairs, said in his letter announcing the decision "A number of us on the Institutes staff have taken great pleasure in reviewing the very excellent document on 'Office Techniques' recently published by the N. C. Chapter and consider it eminently qualified as a Document of the Month. The AIA Committee on Office Practice has been making a similar study to the one which you have conducted but they are not quite as far along as your committee, having, to date, produced only seven documents in preliminary state." For comparison they are being included with their mailing of our document to the two-hundred-twenty chapters, officers and committeemen throughout the United States.

In the covering letter to be mailed with the publication AIA Committee on Chapter Affairs Chairman Paul R. Hunter said "After several years of study the Office Practices Committee of the N. C. Chapter has recently published the attached document on Office Techniques, which has been selected by the AIA Committee on Chapter Affairs as Document of the Month for November. It contains twenty-two form covering practically every phase of job administration records. The Chapter Affairs Committee Awards its "Oscar" this month to the North Carolina Chapter, not only for the conception in completeness of this document but also for its excellent typographical format. It is a notable achievement."
CORRELL JOINS ADMINISTRATION DEPT.

On October 28, William C. Correll, AIA member, recently of Roanoke, will join the N. C. Department of Administration's Property Control and Construction Division as an architect in the Architecture and Engineering Section.

Correll was born January 10, 1920 in Concord, N. C. He received a B.S. degree in Architectural Engineering from N. C. State College in 1940. He worked as an examiner for F.H.A. before four years of military service in the Army Engineers and Air Force, in which he attained the rank of Major, and again with F.H.A. until September 1947. He then worked with AIA members Jesse Page and Owen Smith until May 1955 and more recently has been associated with the firm of Hayes, Seay, Mattern and Mattern of Roanoke, Virginia. He joined AIA in 1951.

According to the Department's report, the Division is "responsible for advance planning of physical plans of state institutions, for estimating cost prior to construction, reviewing plans and specifications for construction projects, and for receiving of bids and awarding of contracts." The Administration and Engineering Section also has primary responsibility for development of a long-range building program for all state agencies, although the entire Property Control and Construction Division will be involved in that work.

DEPARTMENT OF ADMINISTRATION ISSUES REPORT

Paul A. Johnston, Director of N. C.'s Department of Administration, has submitted a report to Governor Hodges on the organization and activities of the Department during the first quarter of this year. In his letter attached to the report he said "The filing of a quarterly report by state agencies is not a standard practice and the filing of this report is not intended to establish a precedent along these lines. It is felt, however, that inasmuch as the Department of Administration is a new agency in our state government, it may be helpful to all concerned to set out, in writing, a statement of our organization and to indicate the kinds of activities in which the Department is engaged."

The report included descriptions of the three Divisions of the Department. In that on the Division of Property Control and Construction it was broken down for the two sections. Under the Architecture and Engineering Section the following concerning the program authorized by the 1957 General Assembly was listed: "58 design contracts placed with 24 architectural firms. Value $18,101,750. Ten design contracts placed with 6 engineering firms. Value $4,353,550. There remains in the program forty-two projects having a value of $11,510,900."

The report also included information concerning population in charitable and correctional institutions and enrollment at the state's institutions of higher learning. This included information on population during the quarter compared with that budgeted for 1957-58 and the actual population during 1956-57. The seven mental hospitals and training schools have 11,998 inmates, which is 1,732 fewer than are provided for in a 1957-58 budget, but 77 more than the average for 1956-57. The five correctional institutions have 929 inmates, 11 fewer than budgeted and approximately 10 fewer than last years average. The four tuberculosis sanatoria are operating with 297 fewer patients than budgeted and 77 less than last year in their 1,423 total. The approximate 180 patients at the orthopedic and cerebral palsy hospitals are about average and budgeted. The thirteen state-supported institutions of higher education have 26,989 students this fall. However, according to the report, this is "definitely below enrollment forecasts. It had been expected that the increase in enrollments this fall would exceed that of last Fall by more than 1,000 students. However, the enrollments on September 30th of this year are only 614 students more than were enrolled on September 30, 1956. The budget anticipated an increase of 3.8% in college enrollment, but it now appears that the increase will only approximate 2.3%."
AIA ELECTS SIX NEW N. C. MEMBERS
The American Institute of Architects announced that effective October 23rd six architects practicing in North Carolina would be elevated to Corporate Membership and assigned to the North Carolina Chapter. They are:

- Edmund James Austin
- Ridge Street Extension
- Southern Pines, N. C.
- Ryland Patterson Edwards
- 1409 Western Avenue
- Rocky Mount, N. C.
- Alvis Owen George, Jr.
- 2510 Colton Place
- Raleigh, N. C.
- William F. Nahory
- 1201 Elizabeth Avenue
- Charlotte 4, N. C.
- Donald Eugene Stewart
- 201 East Rosemary St.
- Chapel Hill, N. C.
- Bias Franklin Tew
- 510 Fairfield Rd.
- Durham, N. C.

GRANTS ANNOUNCED FOR GRADUATE STUDY
Thirty-seven institutions in twelve countries abroad have been listed as having architectural courses affiliated with the U. S. Government grants for graduate study under the Fulbright Act and the Buenos Aires Convention. Awards in these programs are a part of the International Educational Exchange program of the Department of State. The architectural schools are located in Australia, Austria, Chile, Denmark, England, Finland, France, Germany, Italy, Japan, Netherlands and Norway. The recipients of these awards will be looked upon abroad as representatives of the United States and American higher education.

The program under the Fulbright Act is supervised by the Board of Foreign Scholarships, composed of ten leading American educators appointed by the President of the United States. The Institute of International Education has been designated as the agency for screening applicants, with the Board selecting grantees. The Institute has also been asked to make preliminary recommendations of candidates under the Buenos Aires Convention. The applicants must be citizens of the United States, hold a college degree or its equivalent before the beginning date of the grant, and have a knowledge of the language of the country to which they are applying to go. Awards cover transportation, expenses of a language refresher or orientation course, tuition, books, maintenance for one academic year based on living cost in the host country, and sometimes incidental expenses provided by the host government. Veterans may receive educational benefits to which they are entitled concurrently with their Fulbright stipends.

Forms may be obtained from the Institute of International Education’s office at 1 East 67th Street, New York 21, New York. For the 1958-59 academic year entries should be submitted by November 1, 1957.

NCAIA'S HONOR AWARDS PROGRAM
Last month N.C.A.I.A.'s Committee on Exhibitions and Awards announced plans for the Fourth Annual program of Honor Awards in Architecture. The awards will be presented January 18, 1958 during the Chapter’s Annual Meeting in Winston-Salem. The program is to “encourage the appreciation of excellence in architecture and to afford recognition of exceptional merit in recently completed buildings.”

Entries must be of buildings completed in the past ten years in North Carolina designed by Corporate members of the AIA or buildings designed by registered architects practicing professionally in North Carolina who are members of the N. C. Chapter. Projects will not be judged in competition with other entries, but on the basis of solution of the problems presented and its worthiness for an award for excellence in architecture. The jury, which will be announced at a later date, shall select for an Award of Merit in Architecture as many exhibits as they deem deserving. Certificates will be presented to the architects and owners of all buildings receiving awards. Entries must be received by January 15, 1958. Robert W. Etheredge, Jr. of Raleigh is chairman of the committee.
One of the busiest offices in North Carolina recently has been that of Geodesics, Inc. on Hillsboro Street in Raleigh, headed by James W. Fitzgibbon, AIA. However, their work is perhaps the least understood and appreciated locally in that their jobs are all over the country and world except in North Carolina. Their designs have resulted from the work of R. Buckminster Fuller, born in Milton, Massachusetts in 1895, who in 1927 began the thinking which led to his Dymaxion theory of an architectural law under which the exterior surface, or "skin", of a building also constitutes its structural element.

By using this new "geodesic principle" structures which are basically shells may be built with almost any kind of material. A restaurant in Massachusetts has a dome of cedar struts covered with mylar which withstood damage by Hurricane Carol. The Ford Motor Company Rotunda dome in Michigan is 93 feet in diameter and is made of aircraft aluminum struts with a polyester fiber glass end. A popular 33 foot model dome is made of 2 x 4' firs and 1/4" waterproof plywood, fastened together with 1/2" bolts. The U. S. Marine Corps has approved a mobile shelter unit made of magnesium tubing or corrugated paper with a plastic covering and has described it as "The first major basic improvement in mobile military shelters in the past 2,600 years."

The U. S. Commerce Department has chosen the structures for the U. S. buildings at trade fairs in which we are participating throughout the world. The first, a hundred foot dome put up in two days in Afghanistan in July 1955, was described by officials there as "unquestionably the most dramatic structure" ever displayed in Southeast Asia. A 36 foot dome made of die-scored heavy craft paper, covered with a krene plastic skin, and held together with tape and staples, won international honors at a fair in Milan, Italy.

The Defense Department has chosen units stressed to stand winds up to 150 miles per hour as a solution to maintaining the DEW (Distant Early Warning) line that forms an electronic guard across the northern flank of the western hemisphere in upper Canada and Alaska. They are made of plastic which does not interfere with the radar beams emanating from the equipment which they house.

There are no structural limitations to size. One currently being built in Louisiana has a diameter of more than 400 feet, and Walter O'Malley, President of the former Brooklyn Dodgers baseball team, had expressed hope that when their new stadium was built that it would be enclosed by one of their domes. Is it the model home of the future? The designers answer "Yes"!
WORKS OF

1. Casablanca, Morocco International Trade Fair
2. Swimming Pool—Aspen, Col.
3. Naju Leper Colony Chapel—Korea
4. Milan, Italy Exhibition Building of U.S.A.
5. Dew Line Radome—Alaska

EODESICS
CAPEHART FAMILY HOUSING
MARINE CORPS AIR STATION, CHERRY POINT, N. C.

Edwards, McKimmon & Etheredge, A. I. A.
Raleigh, N. C.

This project to be contructed in 1958, calls for 859 individual dwelling units to be located on three sites. There are 8 basic plans all of which are of dry wall construction, frame and brick veneer, concrete slab on grade, metal sliding windows, built up roof, and with warm air heat in the perimeter system. The enlisted personnel three bedroom quarters have a minimum of 1,000 square feet and a maximum of 1,080 square feet, the enlisted mens unit with four bedrooms have a minimum of 1,060 square feet and a maximum of 1,080 square feet; the Lieutenants and Captains three bedroom units have a minimum of 1,080 square feet and a maximum of 1,250 square feet, the Lieutenants and Captains four bedroom units have a minimum of 1,220 and a maximum of 1,250; the Majors and Lieutenant Colonels three bedroom units have a minimum of 1,185 square feet and a maximum of 1,400, the Majors and Lieutenant Colonels four bedroom units have a minimum of 1,305 square feet and a maximum of 1,400 square feet; the Colonels four bedroom units have a minimum of 1,500 square feet and a maximum of 1,670 square feet and the Generals four bedroom units have a minimum of 1,800 square feet and a maximum of 2,100 square feet. Pictured on the following pages are examples of each of the types to be built.
CAPEHART HOUSING (cont'd)

Generals Unit

4 Bedroom Lieutenant and Captain's Unit
CHERRY POINT, N. C.

4 Bedroom Colonel’s Unit

3 Bedroom Lieutenant and Captain’s Unit
DUNBAR HIGH SCHOOL
EAST SPENCER, N. C.

Leslie N. Boney, AIA
Wilmington, N. C.

Barger Construction Co.—General Contractors
Mooresville, N. C.

Construction has begun on the new 58,700 square foot Dunbar High School at East Spencer located on North Long Street adjacent to the existing Dunbar school on land recently acquired by the Board of Education. Class rooms for language, social studies, mathematics, art, and lecture programs are provided in a one story "U" shaped wing. Within this area also are the administration and commercial department. The building contains a library and study hall centrally located convenient to all student traffic to stimulate use of this most important part of the educational program.

Class rooms, laboratories, library and student activities areas are grouped around a centrally located terrace and court, allowing for controlled outdoor study groups and projects. Class rooms will be partly top lighted using plastic skylights. Science and home making departments are provided and allowance has been made for ready expansion of the science program. The lunch room seating 300 with its modern kitchen doubles as a social area for group dinner meetings for the community. Provisions have been made for student publication offices and club work. The gymnasium will be of a size to accommodate 1000 spectators, and has locker rooms and showers. Ticket offices for public performances are located at the main entrance and lobby area. The music instruction, choral and band activities are housed in an area apart from the academic section, and convenient to the playing field and service area for ready access to busses and practice fields. Pageants, concerts and choral groups and other musical programs can use these areas interchangeably. Dressing areas and instrument storage are provided. Shop facilities for an industrial arts program have also been provided.

Red brick, aluminum and pre-cast stone will be the predominant materials used on the exterior of the school. Areas are provided for parking of faculty and student cars on the campus. A covered platform is located at the main entrance of the building for bus and car loading in inclement weather. The building will have a central steam heating system. Special equipment includes a sound and paging system and program clock and bell system. Education by television is anticipated for the school, and strategic areas have outlets for connection of individual television sets to the master antenna. Radio and TV broadcasting may be readily accommodated in the band room and assembly spaces.
Arthur Gould Odell, Jr., was born November 22, 1913 in Concord, N. C. He attended Staunton Military Academy, then Duke University in 1930-31, and received his Bachelor of Architecture degree at Cornell University in 1935. The following year he studied at the Ecole des Beaux-Arts in Paris. The beginning of what has become an illustrious career for him was as an architectural designer in 1936. In 1940 he organized his present firm A. G. Odell, Jr. & Associates in Charlotte. Shortly thereafter the war called, and he served in the Corps of Engineers of the U. S. Army from 1941 until 1945 when he retired with the rank of Lieutenant Colonel.

The honors which have been bestowed upon his firm are many. His Double Oaks School in Charlotte received the School Executives Magazine Award in 1953, an Award of Merit by the AIA in 1954 and by NCAIA in 1955; his Wilson Junior High School in Charlotte was given a Citation by "Progressive Architecture" in 1955, an Award of Merit by NCAIA in 1956, an Award of Merit with Special Commendation by the South Atlantic District AIA in 1956, and an Award of Merit by the AIA in 1957; NCAIA has given him Awards of Merit in 1955 for his Addison Office Building and for the Bell residence, in 1956 for the Charlotte Auditorium and Coliseum, and in 1957 for the Charlotte Public Library. This summer The Charlotte Observer saluted him with the lead page of their feature section titled "Meet Architect A. G. Odell, Jr. He's Changing Our Skyline". In May of this year "Progressive Architecture" had a sixteen page documentary of his work.

"Gouldie", as he is known to friends, has traveled in thirteen foreign countries in furtherance of his training, and in 1953 was one of eight members of AIA as guests of the German Federal Republic. In 1955 and 1956 he served as Visiting Critic at the College of Architecture at Cornell University. He is a Kiwanian, former Chairman of the Board of Membership at Myers Park Methodist Church, former President of the Charlotte Community Concert Association, and currently Trustee of the Charlotte Mint Museum of Art.

He became a member of AIA in 1946. He has served the N. C. Chapter in many capacities including Treasurer in 1950, as President in 1953 and 1954, as Chairman of the Chapter Publications Committee in 1955, as Chairman of the Committee on Public Relations in 1956 and as Chairman of the Committee on Interprofessional Relations in 1957. He has been a member of the AIA Committee on School Buildings since 1955.

His Fellowship was bestowed at the 1957 Centennial Meeting The American Institute of Architects.
SELECTED WORKS OF
A. G. ODELL, JR., FAIA

WBTV Transmitter Station—Charlotte

Stairway—Charlotte Auditorium

Side Entrance—Charlotte Public Library

Pump House—Carpenter Residence—Charlotte
He can't remember the year exactly, but he was about seven or eight-years-old when he made his debut in the construction industry. Now at 41 F. J. (Jack) Blythe, Jr., is president of the sprawling Blythe Brothers Company of Charlotte and holds the top post in Carolinas Branch, the Associated General Contractors of America.

"My father always believed that too much idleness is not good for a youngster," the stocky, genial general contractor recalled as he outlined his construction background that has made him one of the top figures in the nation's largest industry. Last month he was named a National AGC director.

His father, the late N. C. State Senator F. J. Blythe, Sr., who guided the company's activities as chairman of the board, introduced young Jack to the industry by taking him around on job inspection trips. It was on such a jaunt that Jack decided, "I want a job." Young Blythe was in his teens when his father began in earnest to practice his philosophy on "idleness." He recalls that he progressed from water boy to timekeeper to labor foreman by the time he entered college. "Even then when most of the boys were spending their summers at the beach, I was learning to build everything from buildings to roads to heavy construction."

With such a backlog of experience, Jack Blythe took the reins of the company quite naturally when his father died early this year. The members of Carolinas Branch, AGC, also found an easy choice last December at the Annual Convention in Boca Raton, Fla., when they picked him as president.

One of the most important functions of Carolinas Branch is to maintain a good working relationship between general contractors and architects and engineers in North and South Carolina. AGC recognizes the architect-engineer-contractor teamwork as vital to the public and the industry and for that reason has supported the AIA-AGC Joint Committees to the fullest extent. Jack Blythe understands after 20 years of active construction work the problems of the architect and engineers and has taken an active interest this year in AGC activities along this line. AGC members have found his leadership to be a definite asset in blending together the efforts of building contractors and the highway and heavy contractors who make up AGC. He has taken a leading part in promoting the interests of the State and the general contractors now engaged in the huge federal highway construction program in the two Carolinas.

Mr. Blythe was born in Kinston, N. C., on Jan. 8, 1916. He is a graduate of The McCallie School in Chattanooga, Tenn., and holds an A.B. degree from the University of North Carolina. He was a superintendent on a Blythe Brothers project at the Jacksonville (Fla.) Naval Air Station when World War II broke. He later moved to another project at Camp Lejeune, N. C., where the Marine Corps caught his fancy and he joined up. He became Capt. Blythe and immediately found himself with a Marine Engineering Battalion destined for 35 months duty at Guadalcanal, Tinian and Okinawa.

In those days it was difficult to keep up with Jack Blythe. The situation hasn't changed much. Blythe Brothers Co. owns outright six subsidiary companies including The Blythe Company of Puerto Rico, Inc., at San Juan and has substantial interest in seven others. It is now engaged in current ventures including huge air base projects that have been in progress for five years in North Africa. These frequently require him to board his company's airplane for trips. In between, he finds time to fulfill his duties as a Mason and Shriner and as a member of the Myers Park Presbyterian Church and the YMCA in Charlotte. Once in a while he puts in an appearance at the Charlotte Country Club or the Charlotte City Club.

Most of the time, listen for the whir of heavy equipment and look for a modest white sign with Blythe Brothers Company lettered in Old English and you will find Jack. He's not only on the job but he's in it, around it, and running it.
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Handmade
Tapestry
Common
Special Shapes

---SIZES---
Standard
Modular
Oversize
Roman
Norman
Jumbo

WESTERN COUNCIL ELECTS RIVIERE AS PRESIDENT

At their October meeting the Western Council of the N. C. Chapter The American Institute of Architects in Statesville the following officers for 1958 were elected: President, Jack P. Riviere of Shelby; Vice-Pres., John M. Franklin of Elkin; Secy-Treas., Edward E. Aldrich of Asheville; and Directors, Andrew L. Pendleton of Statesville, and Anthony Lord of Asheville, Beemer C. Harrell of Hickory is President this year, and will become a director next year. They will be installed at the January meeting which will be held in Shelby.

Featured speaker at the meeting was N.C.A.I.A.'s Attorney R. Mayne Albright of Raleigh. His subject was "Laws Pertaining To the Practice of Architecture". Also speaking on the program were officers of the N. C. State College Architectural Foundation, who were accompanied by Dean Henry Kamphoefner of the College, Luther Lashmit of Winston-Salem and W. H. Deitrick of Raleigh. Guests at the meeting included several building inspectors and city engineers.

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ARCHITECTS AND BUILDERS IN THE NEWS

P. A. Juror

Henry L. Kamphoefner, FAIA of Raleigh, was one of five architects composing the jury for the "Progressive Architecture". Fifth Annual Design Awards Program.

James Judges

N.C.A.I.A. President W. R. James, Jr., AIA of Winston-Salem, served as a judge at the Apprentice Brick-Laying Contest at this year's N. C. State Fair in Raleigh October 18.

Study Committeeman

Cecil D. Elliott, AIA of Raleigh, has been appointed by N. C. State College's Chancellor Bostian to a faculty steering committee to study all phases of the growth of the college. Bostian described the committee as "The most important committee that has ever been organized at State College", pointing out there will be many changes at the college between now and 1970.

Atlanta Opening

Georgia Chapter AIA President Cecil Alexander notified N. C.-A.I.A. of the opening October 14th of the Architects and Engineers Institute, a non-profit educational enterprise. It contains products, exhibits, an office for the use of visiting architects, lounges and meeting rooms. The building is located in Atlanta at the corner of Harris and Spring Streets, and N. C. Chapter members are invited to visit the Institute when in that city.

Scholarships Available

The International Association of Blue Print and Allied Industries have made a gift to the American Architectural Foundation enabling the establishment of scholarships to aid students in their study of architecture. They are for students in their final year of training. Applications should be made to the Committee on Awards and Scholarships by April 15, 1958.

Matsumoto Honored

George Matsumoto, AIA of Raleigh, was chosen as "Heel of the Week" by the "News and Observer" on September 8. The newspaper's article complimented him on both buildings he has designed and the influence his teaching has had on others.

Marriage Announced

In the mail we received notice of the marriage of Joseph Speed Williams, a representative for F. Graham Williams Company, and Miss Kay M. Pleasants of Raleigh on October 26 in the First Presbyterian Church in Raleigh. After a honeymoon in Nassau the couple will reside in Rocky Mount.

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ARCHITECTURAL CALENDAR

NOV. 1 through 26: Exhibit "Architecture in Venezuela" N. C. State College School of Design, Raleigh.


NOV. 5: Charlotte Council of Architects. Chez Montet, Charlotte.

NOV. 6, 13, 20, 27: Architects Guild of High Point, High Point.

NOV. 10-12: Associated General Contractors of America Carolinas Branch, The Homestead, Hot Springs, Virginia.


DEC. 16, 17, 18, 19: State Board of Architectural Examination and Registration Exams, School of Design, N. C. State College.

JAN. 9-11: Professional Engineers of N. C., Robert E. Lee Hotel, Winston-Salem.

JAN. 14: Western Council of Architects, Shelby.


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