In the Alice Drive Junior High School, the use of Solite Lightweight Masonry Units economically fulfilled the most important school building requirements. Solite's lightweight allowed quicker, more economical building. Its thousands of "dead air" cells absorb 50% of room noise... give the natural insulation that keeps heating costs low... maintain the even climate so important to schools. Even more important to schools, Solite provides the natural fire resistance for extra safety. All this—plus easy upkeep, even textured beauty.

Solite has a natural talent for meeting diverse objectives in specific applications. Whatever your building problems, chances are that Solite can help you solve them.

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**concrete folded plate roof achieves large, unobstructed floor area**

One of the basic requirements here was to achieve unobstructed floor space with economy. Architects Weed, Russell, Johnson & Associates found the answer by using a concrete shell in the form of a folded plate. This construction made it possible to span the entire floor area with only one interior row of columns... and suspend the second floor from the roof. The result: 163,715 square feet of *fully flexible* floor space, so important to any retail selling operation.

Folded plate design is, in itself, unique and interesting. And only concrete can give the added boldness of the wide, cantilevered overhang.

It's one more example of the way new uses of concrete are bringing big economies and added vitality to both conventional and modern architecture.

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COVER

Charlotte’s Hotel Barringer—where NCAIA’s 45th Annual Meeting will be held January 22-24.

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SOUTHERN REGION
AIA '59 CONFERENCE
TO BE A CRUISE

South Atlantic Region AIA members will hold a 1959 Cruise-ship Conference, May 22-27, aboard the Arosa Sun, sailing from Charleston, South Carolina, for a five-day cruise to Nassau. The South Carolina Chapter of the AIA is hosting the conference which will draw an expected 350 members from four southeastern states—North and South Carolina, Georgia, and Florida.

All convention sessions will be held while the ship is cruising the Gulf Stream, according to Greenville Architect Ralph McPherson, who has been named as Conference Chairman. This is so that the two days and one night in Nassau can be devoted to independent activities. The ship will serve as hotel for the conference members while in port. A Directors’ Reception will be held on sailing day, May 22, and the Annual Banquet will be a feature of Tuesday, May 26, the night before docking in Charleston on the return trip.

Members are being informed that they may bring their families and invite guests. Complete information as to planning and registration will be given to interested members writing Mr. McPherson, The McPherson Company, Greenville, South Carolina, or to the Chairman of the Subcommittee for Registration, J. Harold Townes, 9 Hermitage Road, Greenville, South Carolina.

Assisting Mr. McPherson as chairmen of sub-committees for the conference are: Secretary, W. E. Freeman, Jr., Greenville, South Carolina; Treasurer, A. H. Chapman, Jr., Spartanburg, South Carolina; Registration, Mr. Townes; Architectural Exhibits, John M. Lambert, Jr., Anderson, South Carolina; Building Products Exhibits Co-Chairmen, T. J. Bissett, Columbia, South Carolina, and C. T. Cummins, Charleston, South Carolina; Speakers, Louis M. Wolff, Columbia, South Carolina; Hospitality and Ladies, G. Thomas Harman, III, Columbia, South Carolina; Printed Programs, Avery W. Wood, Jr., Greenville, South Carolina; Publicity, Homer D. Blackwell, Columbia, South Carolina; and Student Activities, Harlan E. McClure, Dean, School of Architecture, Clemson College, Clemson, South Carolina.

EASTERN COUNCIL ELECTS BALLARD

The Eastern Council of Architects, in its final meeting of the year held December 5th in New Bern, elected Frank I. Ballard, AIA of Wilmington as President for 1959. Also elected were Harry McGee of Smithfield as Vice-President and George Jernigan of Wrightsville Beach as Secretary-Treasurer. Their next meeting will be held February 27th in Kinston.

PRESIDENT'S MESSAGE

It has been a rewarding experience to serve the Chapter during the past two years. Our problems have been many and varied, not the least of which has been the impact of our change to a new and expanded system of dues, which has enabled us to employ an executive secretary and to expand our activities in many directions.

The acceptance of this new system and the wonderful cooperation of our members is most appreciated and will, I believe, lead to many advances in the future. The idea was first presented by A. G. Odell, Jr., FAIA about four years ago and was enacted into chapter policy during the term of office of our immediate past president F. Carter Williams AIA. We are all indebted to these men for their dedication to the advancement of our profession.

As my term of office draws to a close I wish to express my deep appreciation for the help and cooperation of the officers, directors, committee chairmen and members, and to all of the members of the chapter who have done so much to make the past two years successful. Let’s go on into the future with confidence and with the determination to expand and make better our professional service to the public.

W. R. JAMES, JR., President
N. C. Chapter AIA

CHAPTER REVISES DOCUMENT

The North Carolina Chapter A.I.A. has reprinted its folder “Standards of Architectural Service.” The Chapter’s Office Practices Committee, Chairmanship by Luther S. Lashmit, AIA of Winston-Salem, spent considerable time in revising the content and format of the recently out-of-print Standard. The original document was adopted in 1945, and was amended in 1953 and 1955 before the amendments approved in 1958. One of the changes was the deletion of the section “Recommended Minimum Percentage Fees” and the publication of it as a separate but similar piece. The sets may be purchased in packages of 100 each from the Chapter’s office, Post Office Box 408 in Raleigh, for $6.00, or in broken lots of less than 100 in any quantity for 12 cents each. The revised twin documents have been submitted to the American Institute of Architects Committee on Chapter Publications for consideration as a Document-of-the-Month, which would provide distribution of the Standard to all AIA Chapters throughout the country.

S.C. AIA BEGINS MAGAZINE

The N. C. Chapter A.I.A. wishes to congratulate the South Carolina Chapter A.I.A. on the event of the publication of “Architecture - South Carolina.” Volume I Issue 1 of that chapter’s “Official Publication” was dated Fall 1958. Editor for the quarterly is the faculty of the School of Architecture of Clemson College. Publisher is L. C. Brooker, Jr. of West Columbia.
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GREENSBORO, N. C.

Edward Loewenstein, AIA, Robert Atkinson, AIA
Greensboro, N. C.

Superior Construction Co., General Contractors
Greensboro, N. C.

This home was built for Eugene B. Gulledge, President of the Construction company which built it. The plan was an outgrowth of Architect Loewenstein's classes during the past year of students of the Department of Art and the Home Economics Departments of the University of North Carolina's Women's College. The project at the school was well received, with the number of students increasing to 50 this year from the 22 that worked on this project, and it was dedicated as their "Commencement House" by Mrs. Luther Hodges on May 29. The all-electric kitchen received a Gold Medallion from the Duke Power Company.
DORMITORY
GREENSBORO, N. C.

McMinn, Norfleet & Wicker, AIA
Greensboro, N. C.

H. L. Coble Construction Co., General Contractor
Greensboro, N. C.

This men’s dormitory for The Negro Agricultural and Technical College was completed in 1955. The building provides space for 404 students, and additional space for the manager and three guest rooms. The building was designed in a contemporary style of architecture, and has four wings projecting in a North, East, South and West direction from the center. The central area contains the front entrance, office, mechanical equipment area, elevator and main stairway. There are four stories and a partial basement, which opens on grade level at the West wing of the building. The basement contains the recreation room, lounge and storage facilities. On the East, South and West elevations concrete sun shades are above the windows. The construction is a concrete frame with monolithic concrete floor slabs, and brick cavity walls. The building, of fire proof construction with a four hour fire rating, has 76,824 square feet in total area with the total cost amounting to $677,825.
ELEMENTARY SCHOOL
WAKE COUNTY, N. C.

F. Carter Williams, AIA
Raleigh, N. C.

Dickerson, Inc., General Contractor
Monroe, N. C.

This school in Millbrook is for approximately 360 students with future expansion provisions. Within the area of 28,654 square feet is provided offices, Health and Teacher Rooms, Library, Multi-purpose, Kitchen and twelve classrooms. The location on a corner makes separation of bus traffic and cars convenient and safer.

The structure is reinforced, pre-cast concrete framing throughout, with brick and block walls. Boiler Room with coal storage facilities at grade delivery are on low side of building. Ramps are provided for change of levels on the sloping site.

T. C. Brown, of Raleigh, was engineer.
FORTY - FIFTH ANNUAL MEETING
NORTH CAROLINA CHAPTER
AMERICAN INSTITUTE OF ARCHITECTS

JANUARY 22-24, 1959
BARRINGER HOTEL
CHARLOTTE, NORTH CAROLINA

OFFICIAL PROGRAM

Guests and Public Invited to Events Marked *

THURSDAY, JANUARY 22

1:30 P.M. Registration Begins—Lobby, Barringer Hotel
2:30 P.M. Executive Committee Meeting—Colony Room
3:30 P.M. Committee Meetings—as called
6:00 P.M. Dinner Meeting—Chapter and Councils Officers—Town Room

FRIDAY, JANUARY 23

8:00 A.M. N. C. State College Architectural Foundation Breakfast—Town Room
9:00 A.M. Registration Continues—Landing, Charlotte Library
9:30 A.M. Opening Meeting—Charlotte Library
                 William R. James, Jr., AIA, Presiding

             Committee Reports

Conventions
Archie R. Davis, AIA, Chairman
Charles H. Reed, AIA

Treasurers Report
Arthur C. Jenkins, Jr., AIA

Office Practice
Luther S. Lashmit, AIA, Chairman
James A. Stenhouse, Jr., AIA
Fred W. Butner, Jr., AIA

Building Codes
Eccles D. Everhart, AIA, Chairman

Institute Fellowship
Anthony Lord, FAIA, Chairman

School Buildings
Leslie N. Boney, Jr., AIA, Chairman

Legal Affairs
Albert L. Haskins, Jr., AIA, Chairman

Exhibitions
Alvis O. George, Jr., AIA, Chairman

*11:00 A.M. Talk—"Urban Development"
Grady Clay, Louisville, Ky.

* 2:00 P.M. Displays, Exhibits, Awards—Mint Museum

* 3:30 P.M. Talk—"The New Architecture of North Carolina"
Henry L. Kamphoefner, FAIA, Raleigh

* 4:30 P.M. Film—"The New Age of Architecture"

THE JANUARY 1959 SOUTHERN ARCHITECT
SATURDAY, JANUARY 24

9:00 A.M.  Registration Continues—Landing, Charlotte Library

9:15 A.M.  Business Meeting—Charlotte Library
            William R. James, Jr., AIA, Presiding

Preservation of Historic Buildings
            James A. Stenhouse, Jr., AIA, Chm.

Hospitals and Public Health
            Walter W. Hook, FAIA, Chairman

AIA-Producers Council Relations
            David M. Mackintosh, Jr., AIA, Chm.

Chapter Manual (and By-Laws)
            Cyril H. Pfohl, AIA, Chairman

Community Development
            James M. Webb, AIA, Chairman

Public Relations
            Robert F. Arey, AIA, Chairman

"10:00 A.M.  Talk—"Urban Development and the Architect"
            Cecil A. Alexander, AIA, Atlanta, Ga.

"11:30 A.M.  Talk—"New Products"
            Walter Taylor, AIA, Washington, D. C.

2:30 P.M.  Final Business Meeting—Charlotte Library
            William R. James, Jr., AIA, Presiding

             Time & Place
            Archie R. Davis, AIA, Chairman

Construction Industry Relations
            Walter D. Toy, AIA, Chairman

Education
            Edward Loewenstein, AIA, Chairman

Collaboration of Design Professions
            Arthur G. Odell, Jr., FAIA, Chairman

Government Relations
            William H. Deitrick, FAIA, Chairman

Home Building Industry
            Leif Valand, AIA, Chairman

Publications
            Richard L. Rice, AIA, Chairman

Research
            J. Norman Pease, Jr., AIA, Chairman

Membership
            Charles H. Wheatley, AIA, Chairman

Induction of New Members

Corporate Membership:
            Jack Baber of Asheville
            Aldo B. Cardelli of New Bern
            Robert W. Conner of High Point
            Frank A. DePasquale of Durham
            Clyde Henry Dorsett of Burlington
            Harold W. Hartley of Lenoir
            Thomas Howard Kahn of Raleigh
            John Robertson McClurd of Shelby
            Raymond Cecil Sawyer of Raleigh
            Edward Kelly Sheppard of Charlotte

Associate Membership:
            Wrenn Miller Creel of Greensboro
            William P. Reinhardt of Hickory

Election of Officers and Directors

ACTIVITIES

THURSDAY, JANUARY 22

5:00 P.M.  Cocktails—F. Graham Williams Co., Host
            Terrace Room

8:00 P.M.  Hockey Game—Tickets Courtesy Brick & Tile
            Service, Inc. at Registration Desk

FRIDAY, JANUARY 23

10:00 A.M.  (Ladies) Coffee and Tour—Chadbourn-Gotham
            Hosiery Co., Charlotte Council of Architects, Host

12:30 P.M.  Luncheon (Ladies Included)—Producers Council,
            Host, Terrace Room

6:30 P.M.  Cocktails—Arnold Stone Company, Host
            Town and Terrace Rooms

8:00 P.M.  Dinner—Delph Hardware Company, Host
            Town and Terrace Rooms

SATURDAY, JANUARY 24

8:00 A.M.  Coffee & Doughnuts—The Mable-Bell Com-
            pany, Host, The Hornets Nest

12:45 P.M.  Luncheon (Ladies Included)—Wachovia Bank
            & Trust Co. Cafeteria, Wachovia Bank & Trust
            Co., Host

2:30 P.M.  (Ladies) Opera "Diefledermaus"—Ovens
            Auditorium, Tickets for sale at registration desk

6:30 P.M.  Cocktails—Carolina Solite Corp., Host
            Town and Terrace Rooms

8:00 P.M.  Dinner—Town and Terrace Rooms

9:00 P.M.  Dance—Town and Terrace Rooms
J. W. ROY NORTON

John William Roy Norton was born in Scotland County on July 11, 1898. For the last ten years he has served as N. C. State Health Director, as well as in numerous capacities with various health agencies and organizations, many civic and governmental groups and as an author.

Roy, as is known to friends, received his A.B. in 1920 from Trinity College, continued on in the law school there until 1923, went to the University of North Carolina Medical School from 1924 to 1926, Vanderbilt University Medical School 1926 to 1928 where he received his M.D., and the Harvard School of Public Health where he received his M.P.H. in 1936. Interspersed in these years was service in the Field Artillery in 1918, principal and athletic coach at Lumberton and later at Sneeds Grove, where he went to high school, work in Detroit at the Henry Ford Hospital, as Chief of the Medical Department at a Clinic in Fort Smith, Arkansas, and as City Health Superintendent in Rocky Mount. He was Assistant Division Director with the State Board of Health from 1936 to 1938, Professor of Public Health Administration at the University of N. C. from 1938 to 1940, spent the next five years in military service rising to Colonel in the Medical Corps with two battle stars and a Citation in the European Theatre, then followed two years as Chief Health Officer of the TVA until he became State Director in July 1948.

His affiliations and activities are far too many to complete, but among them are memberships in the Wake County, Sixth District, North Carolina, Southern and American Medical Associations, in the N. C., Southern Branch and American Public Health Associations, N. C. Academy and American College of Preventive Medicine—in most all of which he has served in varying positions often including the presidency. He is a Fellow in the American College of Physicians, a Fellow in the N. C. Academy of Preventive Medicine, an Honorary Member in the N. C. Dental Society, was the U. S. delegate to the Eighth World Health Assembly in 1955, and is a member of several Governor's Advisory Committees and Councils.

Dr. Norton has served as President of the Duke Wake County and Harvard N. C. Alumni Associations, as Commander of the local Legion Post, as Area Commissioner in Junior Baseball, has received several Honorary awards, is a Rotarian, Mason, Woodman of the World, and is listed in Who's Who In America. In 1928 he married Juanita Ferguson of Mississippi and they have three children. A Methodist, he has served as Steward in churches in Rocky Mount and Raleigh.
Y OU AND THE AIA
by JOHN NOBLE RICHARDS
President of The American Institute of Architects

(Condensed from an address before the Seventh Regional Conference, Western Mountain District, A.I.A., and reprinted by permission.)

What is the meaning of AIA—for us, its members, for the architects of this country; for our society?

One drastic way to answer this question is to imagine the status of our profession and its practitioners without our professional organization and its accomplishments. To be sure, there would be no dues to pay. But there would also, most likely, be very little pay due.

As architectural students we would have to collect scraps of vital knowledge like hens scratching for food. Because it was the AIA which largely inaugurated and still assists in the guidance of our architectural schools.

As young practitioners we would have to fight our way to decent living and decent accomplishments. Our prospects speak of a massive 600 billion dollars worth of buildings for the next ten years. That, gentlemen, is more than the present value of all existing private structures in the nation.

Due to our population increase alone, the annual rate of factory building will be more than 70 per cent higher than it is today. Commercial construction is expected to increase by 40 per cent. Residential housing is likely to be 45 per cent greater in volume.

If our profession is equipped, well equipped, to meet successfully both the intellectual and the material aspects of this challenge, it is largely due to the AIA—your AIA.

Our highest aim is, to quote from the AIA’s bylaws, ‘‘to insure the advancement of the living standards of our people through their improved environment and to make the profession of ever-increasing service to society.’’

We are pursuing this aim not just in meetings, speeches and high-minded resolutions, but in dogged, day-to-day, detailed devotion to a variety of projects and endeavors many of which require considerable sacrifice on the part of a large number of our members.

There is, for instance, the work of our committees. Our Committee on School Buildings, together with its various sub-committees, is working hard on numerous tangible contributions to better school building design and thus to American education. Since the participation of John MacLeod in the International Congress on School Buildings, the work of this committee now exerts world-wide influence.

An AIA committee is at work—hard at work—in almost every conceivable phase of the architect’s job. And that encompasses pretty nearly every human endeavor, for nearly every human activity requires shelter of one kind or another.

Through the AIA’s Community Planning Committees, the architects of this country are being effectively mobilized in the war against ugliness and chaos in our cities. Our esthetic standard must at last catch up with our living standard. It is not enough for us to know that in America the greatest number of people enjoy the highest material standard of living. Our people are also entitled to the highest esthetic standards in their daily life. We cannot sit back and praise American civilization as long as American culture is blighted by slums and ugliness and billboards and misplaced parking lots, atrociously designed appliances and gadgets, and jarring, crude advertising.

A large part of the Octagon’s public relations work is providing you—the regional, state and local organizations of AIA, as well as individual architects—with the tools and aids to do a more effective job of public relations in your communities. To this end a variety of new literature and a number of short films have been produced for your use. They are your ammunition. But, you have to fire it. No one else can do it for you.

In fact, when we come right down to it, you—the individual architect—are essentially the best and most effective public relations man for yourself, your work, the AIA and architecture.

What is that “public’’ we mean when we talk about public relations? That public on which we depend for our livelihood, for appreciation, for cooperation, for esteem and understanding?

Why is it your neighbor to the left and your neighbor to the right—and the one across the street. It’s the people who work for you in your office. It’s your clients and the people who work with them and who are their friends. It’s your builders and suppliers and the salesmen who call on you.

All of these people you come into contact with judge architecture and the architectural profession largely, if not exclusively, by the way they judge you.

This means, among other things, that we should speak the language of the people. Even when we talk about our work. If architecture is to be fully enjoyed by all, it must be understood by all. And that means that we architects must learn to communicate simply and understandably about it.

It takes time and energy, I grant you, to serve on boards, to attend business and service club meetings, to participate in civic campaigns and Parent-Teacher Association efforts. But every minute spent in such activities is not only good public relations for our profession. It is also time spent in the direct service of architecture.

And good service to architecture and good public relations, it seems to me, are one and the same thing. Both are essentially a matter of human relations.

The by-laws of the AIA state that the objects of The American Institute of Architects ‘‘shall be to organize and unite in fellowship the architects of the United States of America.’’

(continued next page)
"URBAN DEVELOPMENT" THEME OF CHAPTER MEETING

The 45th Annual Meeting of the N. C. Chapter The American Institute of Architects will have as its theme "Urban Development and the Architect." The meeting is to be held in Charlotte January 22-24 with the Charlotte Council of Architects acting as host. Business meetings will be held in the Charlotte Library and the Mint Museum, with social activities principally planned in the Hotel Barringer.

The principal speaker will be Mr. Grady Clay of Louisville, Kentucky, on "Urban Development." Mr. Clay is considered as one of the foremost authorities on the subject in the country. He is Real Estate and Building Editor of the Courier-Journal of Louisville, and has a syndicated column which appears in papers throughout the country. Many mayors and planning officials of North Carolina communities have been invited to hear his address, which will be on Friday morning's session.

PLANNING COMMITTEE MEMBERS TOY, JAMES, REED.

YOU AND THE AIA

(continued from page 21)

This means more than merry conventions and congenial good times at official gatherings such as this. It means intensive personal contact—good human relations—among all the members of our profession. Our chapter meetings, for instance, should not be mere business affairs, attended by the majority of the members only when there is free food and drink. They should be devoted to frank discussion of our professional problems and work which no member will want to miss. They should offer a means to exchange professional experience and help the younger members of our profession.

The AIA is not a private club. We are organized to combine our efforts. We only do harm to our professional and even our economic interests, if we discriminate in any way in the manner in which we admit duly qualified architects to our ranks. On the contrary, a youthful dynamic organization—and that is what we are and must be—requires young blood; fresh thinking, the active and interested participation of the younger men in our profession.

Let us then quicken the pulse of our professional organization by good human relations and the warmth of genuine comradeship.

When we travel through a city and see a new building we like let us find out who the architect is and drop him a note of praise. If we are to raise the standard of architecture it is, I believe, vital that we take an interest in each other's work, that we study and discuss it with its creator.

All this is not just a matter of doing the other fellow a favor. By learning about the problems another man had to run up against and solve, we often learn much that we can use later ourselves. It is always beneficial to share one's experiences.

That is why I firmly believe that architects should show greater interest in each other. They should write more—the AIA Journal and your own state and chapter publications will be happy to consider your manuscripts. We should read more. We should hold more seminars and workshops to discuss design and structural problems as well as organizational matters.

Therefore, I take the Institute's objective of uniting us in fellowship to mean that we apply our best efforts not only to our profession, but also to the people in it.

I believe that to practice architecture means to devote loving care not just to buildings but also to people; not just to community planning, but also to our communities. I believe that the practice of architecture means to practice good citizenship in the broadest and most enlightened and most constructive sense.

There are some to whom the AIA means little more than three letters after their names. Letters which symbolize a little additional prestige and standing purchased for their monthly dues. But for you and me and the vast majority of our growing organization—for all those who actively participate in the work of AIA—these letters stand for a world of inspiration and strength, for a sweeping movement in the service of mankind.

As Edmund Burke has said, "All that is necessary for the triumph of evil is that good men do nothing."

Conversely, if we are active and alert, if we speak up and participate, if we advance our best architectural ambitions together in our professional organization, there is no telling what we can do to create a better environment for man.

We have made great strides in these hundred and one years. With your help The American Institute of Architects will accomplish even more in the years to come.

It is up to you. For you are the AIA.
SPOTTLIGHTING OUR NEW MEMBERS

The following 10 N. C. Architects will be inducted into the Chapter January 24 at the Annual Meeting:

Jack Baber
Asheville, North Carolina
Born: February 1, 1919, Shelby, N. C.
Education: Brevard College
University of North Carolina
Professional Training: U. S. Naval Const. Battalion
Lindsay M. gudger, AIA, Asheville
Professional Practice: Gudger, Baber & Wood, Architects, Asheville

Harold William Hartley
Lenoir, North Carolina
Born: April 8, 1923, Hudson, N. C.
Education: Completed correspondence course in architecture with International Correspondence Schools. (Completed December 20, 1956).
Professional Training: Coffey & Olsen, Architects, Lenoir
Professional Practice: Coffey & Olsen, Architects, Lenoir

Aldo Bruno Cordelli
New Bern, North Carolina
Born: June 16, 1913, Italy
Education: University of Rome, Italy
Postgraduate in Architecture
University of Pennsylvania
Master of Architecture
Professional Training: Micklewright and Mountford, Trenton, N. J.
Professional Practice: Assistant Professor in Architecture at University of Rome 1941-1947
Practicing Architect in Italy 1941-1947
Practicing Architect in North Carolina 1958

Charles Howard Kahn
Raleigh, North Carolina
Born: February 10, 1926, Birmingham, Ala.
Education: University of N. C., Ab Degree
N. C. State College
BCE Degree, Bachelor of Architecture
Massachusetts Institute of Technology
MS Degree
Professional Training: N. C. Highway Department, Raleigh, N. C.
J. N. Peas & Company, Charlotte, N. C.
Robert and Company, Atlanta, Georgia
Fredrick Snare Corp., New York
F. Carter Williams, AIA, Raleigh, N. C.
Harold Spitznagel, Sioux Falls, South Dakota
Professional Practice: N. C. State College, Raleigh

Robert W. Conner
High Point, North Carolina
Born: September 8, 1918, Wilkes-Barre, Pa.
Education: Utica Free Academy, Utica, N. Y.
Duke University
N. C. State College
Professional Training: C. L. Carter Lumber Co., Henderson
Pittsburgh Plate Glass Co., High Point
Voorhis & Everhart, Architects, High Point
Professional Practice: Robert W. Conner, Architect, High Point

John Robertson McClurcd
Shelby, North Carolina
Born: August 19, 1916, Shelby, N. C.
Education: Wofford College
N. C. State College
Professional Training: R. E. Carpenter & Co., Engineers
V. W. Brose & Assoc.
J. L. Beam, Jr., AIA
Professional Practice: James L. Beam, Jr., AIA, Cherryville

Frank Albert DePasquale
Durham, North Carolina
Born: March 20, 1925, Roselle Park, N. J.
Education: North Carolina State College
Professional Training: Platt & Davis, Engineers, Durham
John D. Latimer, AIA, Durham
Thomas T. Haynes, Jr., AIA, Southern Pines
George Watts Carr, AIA, Durham
Professional Practice: North Carolina

Raymond Cecil Sawyer
Raleigh, North Carolina
Born: December 3, 1925, Elizabeth City, N. C.
Education: North Carolina State College
Owen F. Smith, AIA, Raleigh
James W. Webb, AIA, Chapel Hill
Edward W. Wough, AIA, Raleigh
Professional Practice: Wough and Sawyer, Raleigh

Clive Henry Darnett
Burlington, North Carolina
Born: January 25, 1925, Alamance County, N. C.
Education: Elon College
N. C. State College
Professional Training: Louis E. Jallade, Architects & Engineers, New York
Division of State Parks, State of N. C., Raleigh
John J. Croft, Jr., AIA, Asheboro
Lyles, Bissell, Carlisle & Wolff, Columbia, S. C.
John E. Ramsey, AIA, Salisbury
Demmer & Horton, AIA, Hickory
Professional Practice: Croft & Hammond, AIA, Asheboro
J. Hyatt Hammond, AIA, Asheboro

Edward K. Shappard
Charlotte 2, North Carolina
Born: July 11, 1912, Franklin, N. C.
Education: Gardner-Webb
NNS & DD College, Newport News, Va.
University of Richmond
William & Mary Ext., University of Virginia Extension
Professional Training: Dow River Mills, R. W. Thompson, Architect
Biberstein & Bowles, Charlotte
Taught (Materials Methods and Blue Print reading) Danville, Gastonia, Charlotte College
Center 2 nights a week 1945-1956
Professional Practice: Practicing Architect North Carolina

THE JANUARY 1959 SOUTHERN ARCHITECT 23
SPOTTING THE COUNCILS

During 1958 the number of architect councils throughout the state increased to six with the formation in June of the Durham Council. These members have worked in a fine manner in carrying out the objectives and projects of the Institute and Chapter, as well as offering various services local-

Raleigh Council of Architects
1958
Marvin R. A. Johnson, AIA, President
J. Stanley Fishel, AIA, Vice-President
Joseph N. Boaz, AIA, Secretary-Treasurer

1959
Turner G. Williams, AIA, President
A. Louis Poller, AIA, Vice-President
Alvis O. George, Jr., AIA, Secretary
Raymond C. Sawyer, AIA, Treasurer

Eastern Council of Architects
1958
Raymond Fuson, President
James N. Simpson, AIA, Vice-President
Byron Franklin, AIA, Secretary-Treasurer

1959
Frank I. Ballard, AIA, President
Harry McGee, Vice-President
George J. Jernigan, Secretary-Treasurer

Charlotte Council of Architects
1958
Walter D. Toy, AIA, President
R. Emory Holroyd, Jr., AIA, Vice-
President
S. Scott Ferbee, Jr., AIA, Secretary-
Treasurer

1959
James A. Stenhouse, AIA, President
Roy F. Kendrick, AIA, Vice-President
Malcom W. Sloan, AIA, Secretary-
Treasurer

Winston-Salem Council of Architects
1958
Fred W. Butner, Jr., AIA, President
Nils F. Larson, AIA, Vice-President
Ralph W. Crump, AIA, Secretary-
Treasurer

1959
Nils F. Larson, AIA, President
Ralph W. Crump, AIA, Vice-President
William R. Wallace, AIA, Secretary-
Treasurer

Western Council of Architects
1958
Jack L. Riviere, AIA, President
James M. Franklin, AIA, Vice-President
Edward E. Aldrich, AIA, Secretary-
Treasurer

1959
John M. Franklin, AIA, President
James E. Biggs, Jr., Vice-President
William J. G. Lewis, AIA, Secretary-
Treasurer

Durham Council of Architects
1958
George F. Hackney, AIA, President
George C. Pyne, Jr., AIA, Vice-President
Kenneth M. Scott, AIA, Secretary-
Treasurer

1959
George C. Pyne, Jr., AIA, President
Marion A. Ham, AIA, Vice-President
John D. Latimer, AIA, Secretary-
Treasurer

In addition to the six councils there was created this year the Architectural Guild of High Point.
Officers are W. F. Freeman, Jr., President, (no Vice-President) and Robert G. Parks, AIA, Secretary-Treas.
THE ARCHITECT IN CIVIC AFFAIRS

by DAVID H. MORGAN, Architect
Past President, Philadelphia Chapter American Institute of Architects
Reprinted by permission from the November 1958 issue of DELAWARE VALLEY ANNOUNCER

Does an Architect have any responsibility to his community?

Yes! Says a recent manual for use by chapters and state societies of The American Institute of Architects in the guidance of young architects.

Do what successful architects do, the manual says, plunge into your community life. Speak when you can. Serve.

The whys and wherefores are obvious.

The architect's job is not just to design houses or individual buildings. His houses and buildings create the environment for just about every human activity. The homes, schools, office buildings, factories, churches, theaters, hospitals, stores, shopping centers, railroad stations and air terminals and other structures the architect creates on his drawing boards are not just an expression of our culture and civilization. They also help determine the way we act and live. They make up our communities.

No wonder the architect must be particularly and vitally interested in the proper functioning of the community. His responsibility towards it transcends even the obvious edicts of good citizenship.

Consider the school architect, for instance. To design a functional school building which provides the best possible environment for learning, he studies not only the side and construction technique but every aspect of the activities that are to go on in the building. He talks not only to the school board and the principal, but to all the various specialists on teaching reading, writing and 'rithmetic—physical education, music, science, art, and what have you. He gets deeply immersed in the educational process. He wants the community to provide the best possible education for its children commensurate with sound financing.

No wonder he feels drawn far beyond the call of his immediate duty into active participation in his communities' school affairs.

An architect in Jackson, Mississippi, Robert W. Naef, FAIA, served on his city's school board for some twenty years. Naturally, he disqualified himself from accepting any school work. But he was of inestimable service to the citizens of his community by applying his professional knowledge to the review of school building plans and drawings, setting up criteria for the selection of other architects, and offering other advice on the all-important school plant.

There are literally thousands of other such examples of architectural service in civic and governmental activities.

Take city and community planning.

The architect's first duty is to his client, of course. But he also has his client in mind when he thinks beyond the client's building.

The individual building in the community does not stand by itself. Its physical and human environment is vital. Its purpose is to serve people who require light, clean air, green space for recreation, properly balanced traffic flow, playgrounds for their children, convenient services, and the myriad other things which come under the general heading of planning.

The job, it's true, must start on the drawing boards. But that is only a small part of the battle. To improve our cities and communities, to plan the revitalized cities and communities of tomorrow requires citizen action of all kinds. Architects are in the vanguard of that action.

You find them talking about a better human environment in the service clubs and civic organizations, on citizens' committees and government boards... wherever people join together to work for the common good.

In Baltimore, Maryland, for example, no less than seven members of the local chapter of The American Institute of Architects hold important municipal and civic posts:

The AIA chapter president is vice chairman of the Baltimore County Planning Board; the chapter vice president is a member of the Planning Council of the Greater Baltimore Committee. Other active AIA members serve on the City Zoning Committee, the City Art Commission, the Planning Council of the Greater Baltimore Committee and the Urban Renewal Committee. Another architect is the director of the Urban Renewal and Housing Agency.

In at least four of our cities—Louisville, Ky.; Kansas City, Mo.; Little Rock, Ark.; and Nashville, Tenn.—architects have joined in a voluntary effort to work out plans for proper city planning and urban renewal. They are devoting their talents and thousands of manhours to the public interest.

Elsewhere architects, like most professions, organize to protect their professional status and continually strive within the AIA for ever higher ethical and professional standards.

In California, architects lent a new dimension to a governmental campaign. To win the understanding and support of the State Legislature, they have mapped out a program to tell their story to the harassed and busy Legislators on a continuing basis, particularly when the Legislature is not in session.

They organized hometown meetings with Legislators at civic and AIA chapter affairs. Individual AIA members were urged to make it a point to know the Assemblyman and State Senator from his District and either support him or support someone who can do a better job. Even the wives of Legislators receive special attention at chapter events, tours of new buildings, or special luncheons.

A similar intensive program in Montana has put the architects and their professional society on the map in that state. Until a year or so ago, the profession was practically unknown to the public, in conflict with engineers, and penalized by the State Legislature. Today, all three of these problems have been largely solved. The interim was a busy period in which every architect in the state personally plugged the chapter's legislative program in numerous ways.

And, modestly, Philadelphia architects, for example, deserve a bouquet for untiring and time-consuming efforts in spearheading and finally resolving—after five years—the controversial problem of curtain wall construction into law as an amendment to the Building Code. This achievement now places our city in competitive position with all other (continued page 29)

THE JANUARY 1959 SOUTHERN ARCHITECT
COMMON PROBLEMS OF ARCHITECTS AND SUB-CONTRACTORS
by J. ROY MARTIN, JR.

We have invited representatives of several groups of sub-contractors to tell us some of their problems that might not have filtered through the general contractor to the architect. This article is the second in the series by and about sub-contractor groups that work with members of NRAIA. The author is Chairman of the Associate member division of the Carolinas Branch Associated General Contractors of America and President of the Carolinas Roofing & Sheet Metal Contractors Association.

The problems of a roofing and sheet metal contractor on any project are many and varied and certainly there is no easy solution to all of them. However, there are few which could not be easily solved if there were a complete understanding on the part of the Architect and the General Contractor, and if they gave these problems their full consideration. It is true that the roof is usually a very minor part of any structure, and in some cases, is even considered as only a necessary evil, so, therefore, it receives only the minimum attention. It should be remembered, however, that the entire building and its contents depend for their protection from the elements upon a good roof structure properly designed and correctly installed. A faulty specification or installation can do more damage to a building as a whole probably than any other one single component. Therefore, the roof and flashings should be of prime concern to the Architect.

Probably the most widely misunderstood and abused phase of the roofing today is the matter of bonds and guarantees. Because of some bad experiences with roof failures and with incompetent roofing contractors, some specification writers have sought to require guarantees of the roofing contractor which are extremely unfair to him and of dubious value to the building owner. In certain instances they have gone to the extreme of requiring the roofing contractor to guarantee the complete roof structure for a period of 20 years against all defects and of making him responsible for any damage done to the building or its contents as a result of these defects. In the first place, it is impossible for a roofing contractor to secure such a bond from a reputable commercial bonding company, and the value of a guarantee from the roofer himself for such a period of time is certainly questionable. The troubles which have prompted specification writers to go to these extremes can usually be traced to inexperienced roofing contractors, to the use of an incorrect specification, or to the failure of the roof deck itself. The roofing contractors and manufacturers have already provided, through the standard 20 year bond on built-up roofs, by far more protection than any other segment of the construction industry. To expect them to go further than this without adequate compensation is manifestly an injustice.

The standard 20 year bond itself is a source of a great deal of confusion and misunderstanding. It seems to be the general opinion that these bonds cover every part of the roof structure against all defects and that it is only necessary to specify that a bond be furnished to insure the owner of complete protection. This could not be further from the truth.
**ARCHITECTS AND BUILDERS IN THE NEWS**

**ACPA Director Dies**

Chester C. Kelsey died on Saturday, December 13 at his New Canaan, Connecticut home. Mr. Kelsey was one of the leading authorities in the building industry. After college he entered the lumber industry and spent 25 years in the manufacturing and wholesaling of that material. In 1946 he became Executive Vice President of the National Association of Wholesalers and for the past ten years was Director of the Asbestos-Cement Products Association. He also was a former president of the American Society of Association Executives.

**Clay Institute Elects New Leaders**

WASHINGTON, D. C.—The officers of the Structural Clay Products Institute, national association of brick and structural tile manufacturers, have been re-elected for the 1958-59 year. Serving his second term as President is Kenneth W. Dunwody, President of the Cherokee Brick & Tile Co., Macon, Georgia. The newly-elected 40-member Board of Directors for the 1958-59 year has representatives from 19 states, including from North Carolina: Orten A. Boren, Boren Clay Products Co., Pleasant Garden, and John H. Isenhour, Isenhour Brick & Tile Co., Salisbury.

**Fresh as a Daisy After 35 Years**

Charlotte’s Broadway Theatre was built in 1923 with “Structural Steel by Southern”. This picture, taken in November 1958, when the building was demolished to make way for a new skyscraper office building, shows Southern’s main girders—good as new and good for another 100 years, and so firmly constructed that Southern’s own crews had to be called upon to dismantle the structural steel framework.

It stands to reason that structural steel is far superior to other types of construction which can be more easily demolished. Structural steel is built to endure—proven over hundreds of years to be safer, permanent, and completely dependable under all conditions. So when you plan, always specify “Structural Steel by Southern”.

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**New Field Handbook**

The first book ever written on inspecting, testing and supervising the construction of buildings, FIELD INSPECTION OF BUILDING CONSTRUCTION, by Thomas H. McKaig, has just been published by F. W. Dodge Corporation for sale at $9.35. McKaig is both an architect and an engineer, has for 35 years headed his own consulting firm in Buffalo, and is Chairman of the New York State Board of Examiners for Professional Engineers and Land Surveyors. As an author he is known to architects and engineers through his book APPLIED STRUCTURAL DESIGN OF BUILDINGS. The material presented in this new book is of a practical nature, and designed for day-to-day use by architects, engineers, contractors and field inspectors. It is not a textbook, and does not delve into theory. Its 337 pages closely follow the sequence of work as it is normally met in building jobs, and is of value in defining the responsibilities of each party in the complicated owner-architect-engineer-contractor-subcontractor relationship.

**Receives Plaque**

Barrus Construction Company of Kinston, has received an engraved bronze plaque from Carolinas Branch, the Associated General Contractors of America, in recognition of its outstanding accident prevention record in highway and heavy construction during the past five years. The presentation of the first place award was made to William H. Cobb by Hubbard L. Sullivan, Safety Director, Carolinas Branch, AGC, Charlotte. M. R. Cowper, Vice-President of Barrus Construction Company, was present. He is a past president of Carolinas Branch, AGC.
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large metropolitan centers in the use of modern wall construction by industry and commerce. Also, we would be remiss if we did not add architects are serving as chairmen of the Art Commission, City Planning Commission, and in official capacities in numerous civic organizations.

There is no way to measure how much of his working day the architect devotes to non-paying civic and governmental activities. Young men whose practice is just building up and retired architects with some time on their hands obviously can give more in terms of time than men at the peak of a busy architectural practice. But all architects alike give some time and plenty of enthusiasm to betterment of their communities.

They know it pays off—not just in new contracts which may lead to commissions or improved public relations for themselves and their profession, but in the better communities, the improved human environment which the architect envisions as providing, for his fellow man, better places in which to live, raise families, and have more enjoyable leisure hours.

For architecture is not just a profession—it's a mission.

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**Common Problems — Architects**

(continued from page 26)

The design of details for the treatment of eaves, flashing, roof intersections, etc. are probably the chief area in which close cooperation between competent roofing contractors and Architects is desirable. Modern architecture and the use of many new materials and types of construction have brought about many situations which are completely new, both to Architects and to contractors. Close cooperation in the design and proper treatment of these details is certainly the best way to achieve the maximum results. In almost every area there are competent contractors who take pride in their work who would be very willing to cooperate with Architects in designing such details if requested to do so.

It is certainly true that in this field, as in most others, there are a great many people who are interested only in how much money can be made on a project and care very little for anything else. However, in the past few years the general level of technical proficiency of roofing contractors has improved immeasurably and is continuing to improve. If Architects and specification writers will avail themselves of the opportunity to consult with the acknowledged leaders in the Industry, then certainly better results can be expected.

**NEW AIA DIRECTOR**

George Clinton Gamble of Fort Lauderdale, Florida was elected by the American Institute of Architects Board of Directors to fill the term of the late Sanford W. Goin as South Atlantic Regional Director. Goin, A.I.A. of Gainesville, Florida, died suddenly September 12. His term of office would not have been completed until the Annual convention in the summer of 1960 (April 18-23) in San Francisco.

Gamble was born March 15, 1910 in Newark, New Jersey. He received his Bachelor of Architecture degree from the University of Miami in 1931. Since 1949 he has been a partner in the firm Gamble, Pownell & Gilroy. In 1949 he was President of the Broward (Florida) Chapter, in 1955 was President of the Florida Association of Architects, and for the last three years has served as Chairman of the AIA Committee on Hurricane Resistance. He will attend the N.C.A.I.A. Annual Meeting in Charlotte January 22-24 in one of his first official capacities.
NEW WALL DEVELOPED IN N. C.

The brick industry has come up with a new way of using this age-old building material. The new idea is a 100% Tar Heel research development shared in by Brick & Tile Service Inc. (the Greensboro association of North Carolina brick manufacturers) and experts in N. C. State College’s Department of Engineering Research. The new development, say its sponsors, is not a mechanical or chemical gimmick, nor does it affect the customary techniques of the skilled bricklayer. Rather, it is simply a new pattern of creating a brick wall, utilizing a comparatively new size of brick which is about twice the size of regular brick. But while larger, the new unit maintains the same brick proportions of height to length. Known as the “Utility” brick, it measures 3 1/2" x 3 1/2" x 11 1/2", contrasted to the standard 2 1/4" x 3 3/4" x 8".

The new “Utility Wall” is said to have many advantages over ordinary masonry. It is especially suited for almost any type of building from one to three stories in height. Tests at the College put sections of the Utility Wall thru the paces of Hurricane Hazel for 13 1/2 hours of wind and rain without a sign of moisture penetration. And in another experiment the scientist in effect packed into four hours the amount of rain which normally falls in 7 1/2 months in North Carolina (based on the State’s annual average), and threw it at the Utility Wall with the force of 100 mile-per-hour winds without causing a single leak. The new wall design has several other advantageous properties such as top fire rating of four hours, for safer structures; extremely high sound insulation value, for quieter buildings; and thermal insulation qualities which save on heating and air conditioning costs. Best of all, say the brick men, this superior performance is available in the Utility Wall at less cost than the very cheapest brick-faced walls of the same thickness.

Technical literature is being distributed to architects and engineers over the state by the brick manufacturers’ association, and it is expected that this product of Tar Heel research will soon be evident in the construction of North Carolina schools, churches, factories, etc.

NEW AIA FILM

A new full-color, semi-annimated film on church architecture is now available from AIA. A “Place To Worship” is the latest in the series of films produced as public relations tools for Chapters, and is designed to explain to lay groups the architects role in the design and execution of religious structures. The 16mm sound film runs 13 1/2 minutes making it suitable not only for programs before church and civic groups but for TV programming.

NEW COMPETITION RULES

AIA has recently announced new regulations for the Annual $25,000 R. S. Reynolds Memorial Award. Under the new regulations an architect may be nominated for the award by anyone—including himself or his firm. Nomination forms can be obtained from AIA and will be accepted until February 2, 1959. The new rules increase the emphasis on the creative and architectural value of the aluminum structure selected.

BETTER LIVING AWARDS

This year the Homes For Better Living Awards will be selected from homes built in the South since January 1956. This is the 4th Awards Program, which is sponsored by the Institute in cooperation with House and Home, thirteen national organizations in the home building industry and this year McCall’s magazine. The purpose of the awards program is to encourage and give special recognition to good design and sound construction in home building. The first three programs dealt with houses in the East, West Coast and Middle West. Announcement of the awards and an exhibit will be at the AIA Convention in New Orleans June 22-26. Awards will be made in two major categories, house designed for an individual owner and for a merchant builder and sold speculatively, with each divided into three classes according to size or sales price. Each entry will be judged on its own merits. Notice of entries must be received by March 31st, accompanied by a $10 check to Homes For Better Living Awards, c/o AIA, 1735 New York Avenue, N.W., Washington 6, D. C. Entries then will receive submission instructions and must complete their submission by May 1.

HANDBOOK

A completely revised edition of the “Handbook of Architectural Practice” has been published by The American Institute of Architects. Edited by Clinton H. Cowgill, FAIA, this 420-page standard work includes comprehensive coverage of building and architecture, legal problems, owner-architect agreements, office procedures, and project procedures. The appendix includes all pertinent AIA documents. Bound in cloth and printed in a new, attractive format, the 8 1/2” x 11” work is available at $8.00 from the Institute (1735 New York Avenue, N.W., Washington 6, D. C.).

AMERICAS’ ARCHITECTURE DEBATE

Over the first intercontinental radio-telephone hookup to carry such an exchange, internationally distinguished architects will confer January 29 between Bogota, Colombia, and Toledo, Ohio, on similarities, differences and trends in architecture of the Americas. John Noble Richards, president of The American Institute of Architects, will moderate the symposium, which is being organized by Owens-Corning Fiberglas Corporation. Henry F. Holland, former Assistant Secretary of State for Inter-American Affairs in the present administration, will keynote the proceedings with an address.

In Toledo the conference will be Alvare Ortego, Visiting Professor of Architecture at the Harvard Graduate School of Design; I. M. Pei, of New York, designer of the unique Mile High Center in Denver, Colorado, and Carl Koch, prominent U. S. architect of Cambridge, Mass. Symposium participants in the Bogota panel of three, include Marcel Breuer, Pablo Lanzetta, Dean of the School of Architecture, National University, Bogota, Colombia, and Julio C. Volante, Argentine-born architect now practicing in Caracas, Venezuela.

Advisor to the Symposium in organization of the meeting is Leon J. Currie, A.I.A., head of the School of Architecture of Virginia Polytechnic Institute. From 1952 to 1956 Currie was Director of the Inter-American Housing and Planning Center in Bogota.
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An expression of heavenly inspiration is achieved in this design with a progressively towering roof line from its lovely inception at the back to its lofty and dramatic facade at the entrance. The architects obtained this effect by using laminated "tepee" frames, 16' on center of variable spans, 37' to 98', with variable pitches of 70' to 20'. Individually designed and fabricated laminated wood is custom made to fulfill the spirit of the design as conceived by the architect. Durable 4"x6" Southern Pine Unit Deck is applied directly over the "tepee" frames, providing a sheltering tapering overhang at the entrance.

Concordia Evangelical Lutheran Church
Conover, North Carolina
Arch't: A. G. Odell, Jr. & Assoc.
Charlotte, North Carolina

For factual data and planning assistance call or write:

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