Better walls start with better mortar. To be sure of top quality, specify mortar made with masonry cement. This cement is a blend of materials that gives a good balance of the desirable properties in mortar. Except for sand and water, everything is delivered in one bag. Mixing calls for no special skills . . . when workability is right, water content is right. It makes a “fat” mortar that promotes better workmanship. Tighter joints, uniform color and dependable strength are assured. For the best in wall performance with any masonry unit—concrete, brick, tile, stone or glass—architects everywhere specify masonry cement. Write for free literature. (U.S. and Canada only.)
CONTENTS

President's Message ........................................... 4

School of Design, N. C. State College
  Dept. of Architecture ....................................... 6 & 7
  Dept. of Landscape Architecture ......................... 8 & 9
  Dept. of Product Design .................................. 10 & 11
  Design Foundation ........................................ 12

NCAIA 1962 Honor Awards .................................... 13 & 14

NCAIA 1962 Press Awards .................................... 15

NCAIA Elects New Officers .................................. 16

Southeastern Flower & Garden Show ....................... 17

Architects in the News ...................................... 18

Directory of Salesman's Products ......................... 19

Calendar of Events .......................................... 22
Stay in touch — keep up the contact — keep the line open — continue communications — it's a must.

A month or so ago a million dollar dredge was swept down the St. Lawrence River and out to sea with seven men aboard because the tow line separated and communications were severed. The men were later saved but upon leaving the dredge abandoned, the vessel and all equipment aboard was lost to the owners to later be claimed by others as salvage. If a line of communication could have just been kept men and vessel could have both been saved. When the seas get heavy and the going gets tough that line of contact must be strong, and must be securely anchored at both ends.

It is most important that lines of communications be kept open between the design professions, the design professions and government, the design professions and industry, and the design professions and the educators of our State.

Conventions are a means of communications, and a great one too. Much has been said recently in our papers as to the convention going of our State officials. Some conventions are solely for the enjoyment of getting together, and often the distances involved do not justify the expenditure. I do not intend to get into this debate even though I am sure that many of those conventions were an aid to those attending and indirectly brought much benefit to our State. In what better way can those of similar vocations or professions discuss in open forum or individually their ideas of progress, their difficulties, and their concerted efforts in planning together ways of accomplishing their ideals. Similar conditions exist in all parts of our State and in many parts of our nation, and it is through the freedom of expression by the spoken or the written word that we keep the lines of communication open for progress and the freedom of the individual.

We of the North Carolina Chapter of AIA have just returned from a most successful convention at Southern Pines where the thinking of those attending was stimulated regarding “Color and Illumination.” Our speakers were men of prominence, well qualified, and of national and international reputations and we are indebted to each. We were assisted in the program by the Tarheel Chapter of the Illuminating Engineering Society, and we wish to express here our gratitude for their help. May I also take this opportunity to thank in behalf of the Chapter, Mayor John Ruggles of Southern Pines for their hospitality, those of the construction industry who gave of their support, the chairmen and the members of the committees responsible for the success of the convention, to our most capable executive secretary, Mrs. Betty Silver, and last but by no means least, the administration and staff of the Mid Pines Club who so cheerfully and willingly served us. However, it was not the program that counted so much as it was in being with other architects, men of like experiences and difficulties, not competitors, but men working and striving together to find a better way of solving the same problem, that of making our surroundings more pleasant, adequate for the emergency, more efficient for learning and for the production of the material necessities and luxuries of our present day civilization. It was not only being with those of our own profession, but those of the engineering profession and the manufacturers representatives, those men with whom we work continuously as a part of the design team. It's keeping the lines of communication open. The architect is captain of a most versatile and diversified group of technically and commercially qualified professionals. It is only through joint experiences, continual collaboration and personal communication that we build confidence in each member of the team and are better able to coordinate the efforts of the engineering and the architectural professions which are both served by the many representatives of the manufacturers of varied construction materials and equipment, and the general, mechanical and electrical contractors of the industry. Break these connections, these lines of communications, and the final, complete and ultimate design of the structure is impossible.

It is through greed, self aggrandizement, selfishness and lack of consideration for another’s welfare and happiness that communications are severed. It is not only on an individual basis that understanding and consideration are necessary through communication, but in industry, religion, education, commerce, State government, interstate relations, and small and large nations of the world. May we continue to negotiate, to sit at the same table together, to trade ideas, to communicate with one another, to try and understand and appreciate the other person’s, the other nations interests and concern. And in so doing, may we help to create an environment for a fuller and more meaningful life for men and women, boys and girls everywhere, regardless of race, creed or color.

[Signature]
SCHOOL OF DESIGN
NORTH CAROLINA STATE COLLEGE
DEPARTMENT OF ARCHITECTURE

Architecture demands a fusion of the artist's decision with competent technical judgments. If it is good architecture, the design must be the product of creative insight into the meaning of the building as an object defining spaces, and must also embody an artistic declaration of the buildings meaning to men and to their advancement. At the same time architecture must be technologically feasible and economically sound, and the form and spirit of the design must survive and be strengthened by the lengthy and complicated methods by which it is transformed into a building.

Good architecture does not acknowledge that the conception of a design and its execution are opposed to each other. Instead, it joins the two so that they are realized in a single act, and subjective and conceptual choices are based on a clear and complete understanding of reality.

The training of architects must stir in them the realization that technical skill is meaningless without a guiding purpose and that practical problems they face need not be inimical to their dreams and ambitions.

In arts and letters the students must learn and value the purpose of architecture; in science and engineering he must learn the principles that challenge or limit him; and in his study of architecture he must learn the fusion of science and art in buildings.

Four parallel programs (architecture, art, humanities and social sciences, and science and engineering) occupy the student throughout his program of study. After its completion the student is not merely ready for the apprenticeship that precedes his becoming a qualified architect. He is prepared to ponder and evaluate the things he learns during his apprenticeship and the things he learns as his self-education continues. Thus, he can combine the practical requirements of the working profession of architecture with the even more practical desire to realize the full meaning of his profession.
DEPARTMENT OF LANDSCAPE ARCHITECTURE

Landscape Architecture, beginning in ancient times and continuously developing to the present, is now defined as the design of outdoor space for the benefit, protection, use, and enjoyment of people. Never before have the challenges to this profession been so great, diverse, and complex. It is to their solutions that this department is directed.

One such challenge is the design of landscapes with architectural character, scale, and size, such as those associated with the city, town, park, and garden. Another challenge is the designed development of the earth's resources in landscapes of varying character, from coast to mountain, from desert to pasture. Such land areas, large in scale and size, must be designed indigenously and ecologically. Unlike many art forms time is an essence of the design, and long periods are often necessary before it has grown to completion. Architectural and engineering materials are used together with those materials that have life, the plants and trees. These latter materials have a continuous cycle of growth and movement, closely coupled with the forces of nature. The profession is both an art and a science, depending concomitantly upon logic and technology.

A student in the department is in continual and intimate association with allied fields, such as architecture, engineering, painting, sculpture, horticulture, botany, geology, and ecology. In spite of the necessity for assimilation of such specialized requirements, he must possess a background from which to design. For this reason he is given a sound and thorough analysis of the past through the study of historical examples. With the rapid growth of the world's population and the increasingly intensive use of land, it is imperative that the student have both ability and clarity of purpose if he is to develop and design landscape solutions that are beautiful, useful, productive, and of continuing value.
A new Department of Product Design, dedicated to bringing fresh, creative, and original thinking to the product problems of industry, was initiated in the Fall Semester of 1958.

Product Design (or Industrial Design) has most often been associated with the appearance value and other sensory attributes of mass-produced products of every description. It is relatively new as a profession, dating back to the early thirties, when early attempts at "styling" helped to sell consumer goods in a depressed market. Now recognized as a mature industry, the designer's influence has spread to almost every object we buy or use in daily life, from transportation and farm machinery to household appliances, furniture, office equipment, hardware, and toys. It embraces the manifold skills of the arts and sciences, and its finest examples reflect a perfect marriage of aesthetics and sound engineering practice, resulting in increased sales, lower cost, and a better product.

North Carolina State College is adding a new dimension to the profession with a program designed to stimulate innovation in product development. Students will be constantly searching for new ways to solve product problems, questioning prosaic solutions at every turn, and employing their understanding of materials and techniques at a high level of creative activity. New products and functional improvements are developed in the design laboratory, and described in models, sketches, and engineering drawings. The student includes a summary of production requirements, cost estimates, distribution methods, packaging ideas and other pertinent information required to make his reports inclusive of all the skills developed at the School, in simulation of the product problem.

The profession requires exceptional creative ability, coupled with sound judgment for the responsibilities implicit in design for large scale consumption. There are few areas more rewarding economically, or in the personal satisfaction of design for human need.

This program leads to a Bachelor of Product Design Degree after five years of study. Graduates will be qualified to work as staff designers with large manufacturing companies, with product design consultants, or as independent designers. They will be prepared to supervise and coordinate long-range product planning programs, as well as personally implement the design function.
DESIGN FOUNDATION

The North Carolina State College Architectural Foundation was organized at a meeting of the North Carolina Chapter of the American Institute of Architects in the summer of 1948. The Foundation was organized for the purpose of supplementing State salary funds for the faculty of the School of Design. More than half of the architectural firms of the State have now made contributions. Since 1948 increasing amounts have been placed in the hands of the administration of the school for selected supplements to the salaries of several members of the faculty. Money from this Foundation has also been used in special cases for travel where State funds would not have been available for the purpose. Early in the spring of 1959, the name of the Architectural Foundation was changed to DESIGN FOUNDATION, since the new name was considered by the Foundation directors as more descriptive of the purpose and philosophy of the profession in promoting the best in design for all related endeavors within the School of Design at North Carolina State College. Appropriately, the scope of Foundation activities has been enlarged in the school to create a more meaningful liaison between it and professional activity and industry. This program can be implemented by donations of equipment and materials, as well as by monetary subscription. The procurement and encouragement of outstanding faculty members can be materially aided by annual contributions to the Foundation by persons interested in the School and its work. Inquiries with regard to the Foundation may be made by writing to the secretary of the Foundation in care of the College.
NCAIA HONOR AWARDS 1962

Following is a list of the Owners, Architects, General Contractors and other affiliated artists concerned with each Award Winning Project of the 1962 NCAIA Honor Awards Program:

HONOR AWARD —

Name: ARCHITECT’S OFFICE BUILDING
Owner: Jesse M. and Margaret E. Page
Architect: Jesse M. Page & Associates, AIA
Landscape Architect: Godwin & Bell
Richard C. Bell, Partner-in-Charge
Artist for Gates: Duncan R. Stuart

HONOR AWARD —

Name: MECKLENBURG COUNTY OFFICE BUILDING
Owner: Board of County Commissioners
Architect: Sloan & Wheatley, AIA
C. H. Wheatley, Partner-in-Charge
General Contractor: McDevitt & Street Co.
Affiliated Artists: George Bireline (Mural)

AWARD OF MERIT —

Name: SOUTHERN PINES SAVINGS & LOAN ASSOCIATION
Owner: Southern Pines Savings & Loan Association
Architect: Hayes-Howell and Associates, AIA
General Contractor: A. G. Carter
Landscape Architect: Lewis Clarke

AWARD OF MERIT —

Name: MEN’S DORMITORY
Owner: Atlantic Christian College
Architect: Small & Boaz
Joseph N. Boaz, AIA, Partner-in-Charge
General Contractor: Jones Bros. and Co.
AWARD OF MERIT —
Name: THE LUTHERAN CHURCH OF THE HOLY COMFORTER
Owner: The Lutheran Church of the Holy Comforter
       Belmont, N. C.
Architect: A. G. Odell, Jr. & Associates, AIA
          Charlotte, N. C.
General
Contractor: Laxton Construction Co., Inc.
          Charlotte, N. C.

AWARD OF MERIT —
Name: NORTHERN BANK
       Hickory, N. C.
Architect: James N. Sherrill, AIA
          Hickory, N. C.
General
Contractor: Hickory Construction Co.
          Hickory, N. C.

AWARD OF MERIT —
Name: LINCOLN HEIGHTS ELEMENTARY SCHOOL
Owner: Charlotte-Mecklenburg Board of Education
       Charlotte, N. C.
Architect: Higgins & Ferebee, AIA
          Charlotte, N. C.
General
          Statesville, N. C.

AWARD OF MERIT —
Name: RESIDENCE
Owner: Dr. and Mrs. Robert W. Work
       Chapel Hill, N. C.
Architect: Charles Howard Kahn, AIA, & Associates
          Raleigh, N. C.
          Robert P. Burns, Assoc.
          Brian Shawcroft, Assoc.
General
Contractor: Triangle Home Builders, Inc.
          Durham, N. C.

AWARD OF MERIT —
Name: RESIDENCE
Owner: Mr. and Mrs. Philip L. Rothstein
       Raleigh, N. C.
Architect: Small and Boaz
          Raleigh, N. C.
          G. Milton Small, AIA, Designer and Partner-in-Charge
General
Contractor: Frank Walser
          Raleigh, N. C.
FAYETTEVILLE — Fayetteville’s Beth Israel Congregation will soon move into a stunning new synagogue. The sanctuary will seat approximately 500 persons and is scheduled for occupancy about January 1.

In their design, the architects, Loewenstein-Atkinson of Greensboro, have taken full advantage of the steep slope and tall pine trees on the synagogue’s site in northwest Fayetteville. The angular character of the structure, the use of Norman-size brick (dull red flecked with off-white) harmonize with the land and trees.

Tall, vertical translucent white panels give an open effect to the interior yet maintain privacy. Horizontal panels spanning the roof are set at an oblique angle, thus permitting time and weather moods to play an important role in the atmosphere of the interior.

The screens adjacent to the altar are copper-stained wood and the wall on which the Ark is located is wood stained to a silvery sepia. This color reflects the colors used in the all-wool carpet which covers the entire sanctuary floor — a mixture of black, a warm, purplish blue and a cool azure tone.

The pews are oak in a faded wheat color, with upholstery closely related to the copper tones of the wood finishes.

The synagogue is being constructed at a cost of approximately $12 per square foot. H. S. Lewis of Fairmont is contractor.
NCAIA ELECTS NEW OFFICERS

At the forty-eighth annual meeting of the North Carolina Chapter of The American Institute of Architects held at Southern Pines January 25, 26 and 27, the following were elected as officers of the Chapter:

President — Arthur C. Jenkins, Jr., Fayetteville
Vice-President — S. Scott Ferebee, Jr., Charlotte
Secretary — Elizabeth B. Lee, Lumberton
Treasurer — Macon S. Smith, Raleigh
Directors — Albert L. Haskins, Jr., Raleigh
           — Archie R. Davis, Durham
           — Robert L. Clemmer, Hickory

The new officers will assume their duties at the conclusion of the summer meeting of the Chapter, to be held at the Biltmore Motor Hotel, Morehead City, N. C., June 14, 15 and 16.
SOUTHEASTERN FLOWER AND GARDEN SHOW

The second annual Southeastern Flower and Garden Show is being held in the State Fair Arena, Raleigh, from February 23 through February 27. Completely redesigned from last year, the show features ten large garden areas and five small ones. All types of gardens will be represented and many architectural elements, such as terraces, seat walls, pools, cabanas, screen walls and fences will be constructed and combined with specimen plant materials so the various effects and combinations may be studied.

Materials used in the gardens include, brick, stone, ceramic tile, flagstone, concrete block, steel, canvas, bamboo and wood, to name a few.

Garden types include Japanese garden, swimming pool garden, sculpture garden, urban patio garden, Florida room garden, children’s play area garden, kinetic garden and Charleston garden.

Pictured above is a mountain garden which will be one of the features of the show. Each evening at 8 P.M. a fashion show will be given in this garden. The Southeastern show is the only show of its nature held south of Washington, D. C. and was largely attended in 1961.
NCAIA — NEW ASSOCIATE MEMBERS

Pictured below are two new associate members of the Chapter who were inducted at the winter meeting at Southern Pines in January.

DON EARNEST ABERNATHY
charlotte

GEORGE WILLIAM COLVIN, JR.
charlotte

NOMINATED FOR REGIONAL DIRECTOR

At a meeting of the South Atlantic Regional Council of AIA in Columbia, S. C, on February 3, William E. (Jack) Freeman, Jr., AIA, of Greenville, South Carolina was nominated as Director of the South Atlantic District.

Mr. Freeman was graduated from Clemson College School of Architecture in 1934 and has practiced independently in Greenville since 1940; his practice covering schools, churches, commercial and public buildings, institutional and residential. He is a past Secretary-Treasurer, President and Director of the South Carolina Chapter of AIA and has served on many Chapter committees, both as Chairman and as a working member. Mr. Freeman is a member of several professional and civic organizations. He is a Deacon of the Earle Street Baptist Church of Greenville.

It was during the administration of Jack Freeman as President of the South Carolina Chapter that the Department of Architecture, Clemson College, was reorganized, the Clemson Architectural Foundation was established and accreditation of the School of Architecture was brought about.

The North Carolina Chapter of the AIA pledges its support to Jack Freeman as nominee for Director of the Institute.
ACOUSTICAL CONTRACTORS
Boet Building Equipment Company
(See our ad on page 18)
Floor and Acoustical Contractors
P. O. Box 4053, Charlotte 4

ARCHITECTURAL METALS
J. D. Wilkins Company
(See our ad on page 18)

ARCHITECTURAL RENDERINGS
Ralph Johnson, Raleigh, N. C.
(See our ad on page 20)

BRICK
Borden Brick & Tile Company
(See our ad on page 21)
Boren Clay Products Company
(See our ad on page 20)
Brick & Tile Service
(See our ad on back cover)
Isenhour Brick & Tile Co., Inc.
(See our ad on page 21)
Kendrick Brick & Tile Company
Sales office: 3225 South Blvd., Charlotte
(See our ad on page 23)

BUILDER'S HARDWARE
Delph Hardware & Specialty Company
(See our ad on page 17)
Charlotte, N. C., Raleigh, N. C., Columbia, S. C.,
Greenville, S. C.

BUILDING MATERIALS
N. C. Granite Corporation
(See our ad on page 23)
Salisbury Lumber & Supply Company
(See our ad on page 18)

CONCRETE
Portland Cement Association
(See our ad on page 2)

CONCRETE FACINGS, PRECAST
Dixie Concrete Products
(See our ad on page 22)
Omnia Precast Floor & Roof Systems,
Reps.: Jim Forkner, Terry Blankship
3300 Liberty St., Winston-Salem
Mabie-Bell Company
(See our ad on page 22)

CONCRETE MASONRY UNITS
N. C. Concrete Masonry Association
(See our ad on page 21)
Smith Concrete Products, Inc.
(See our ad on page 20)

CONCRETE, PRECAST STRUCTURAL
Arnold Stone Company
(See our ad on page 21)
Reps.: Clyde Poovey, Ed Wilson
P. O. Box 3346, Greensboro

CONTRACTORS, GENERAL
Dickerson, Incorporated
(See our ad on page 18)
McDevitt & Street Company
(See our ad on page 21)

SOIL BORINGS
Ezra Meir & Associates
(See our ad on page 22)

STEEL, STRUCTURAL
Dewey Bros., Incorporated
(See our ad on page 20)

TILE, CERAMIC
Renfrow Distributing Company
(See our ad on page 20)
For better tile—better installation
ask us about
real clay Suntile

Suntile offers you two-way satisfaction. Quality in the tile itself—quality in the installation.
This real clay tile will make you proud of your bathroom or kitchen for years to come. You get a choice of many beautiful colors—freedom from costly upkeep—lifetime economy. And it's so easy to keep Suntile clean with a wipe of a damp cloth.
You'll always be happy with our Suntile installation. Let us show you why.

Renfrow Distributing Co., Inc.
1820 Sunnyvale Avenue
Telephone ED 4-6811
CHARLOTTE, N. C.

DEWEY BROS., INC.

- Structural Steel
- Ornamental Iron
- Bar & Longspan Joists
- Miscellaneous Iron
- Metal Windows, Doors
- Building Specialties

DEWEY BROS., INC.
Goldboro, N. C.
Grey Iron Construction Castings
Since 1885

AUTOCLAVED

For Wall's of
Stability

MANUFACTURED only by
SMITH CONCRETE PRODUCTS, Inc. • KINSTON, N. C.
Phone JA 3-5136

BORENS
CLAY PRODUCTS COMPANY
Manufacturers of
BRICK

for Color and Texture
Phone Greensboro OR 4-2255
Offices
PLEASANT GARDEN, N. C.

TYPE
Colonial
Antique
Handmade
Teastry
Common
Special Shapes

SIZES
Standard
Modular
Oversize
Roman
Norman
Jumbo

RALPH JOHNSON ASSOCIATES
Box 6403 Raleigh, N. C.

Send us your floor plans and elevations and we will call with a free estimate and delivery date. TE 4-3234

THE FEBRUARY 1962 SOUTHERN ARCHITECT
The OMNIA floor is monolithic in character and behaves structurally like a floor slab cast in place, yet requires no forming. It is lightweight and economical. Let us furnish further information on this system and its advantages.

Ezra Meir & Associates
709 W. Johnson St. Raleigh, N. C.
Phone TE 4-8441

- Soil Borings
- Rock Drilling
- Laboratory Analysis
- Field Testing
- Reports

Mo-Sai
ARCHITECTURAL STONE
THE MABIE-BELL COMPANY
P. O. Box 1558 - Phone CY 9-6122 - Greensboro, N. C.

FEFBRUARY 22, MARCH 1, 8, 15, 22: Greensboro
Registered Architects,
Maplehouse Restaurant
Jesse B. Owens, Jr., President

FEFBRUARY 28, MARCH 7, 14, 21: Architect's
Guild of High Point,
Marguerite's Restaurant
George C. Connor, Jr., AIA, President

MARCH 1: Deadline for material for April issue.

FEFBRUARY 27: Raleigh Council of Architects,
Holiday Inn
William W. Dodge III, AIA, President

MARCH 7: Charlotte Council of Architects,
Stork Restaurant No. 2
J. Norman Pease, Jr., AIA, President

MARCH 7: Durham Council of Architects,
Harvey's
Robert W. Carr, AIA, President

MARCH 15: Winston-Salem Council of Architects,
Y.W.C.A.
William R. Wallace, AIA, President

MARCH 20-22: Conference on Church Architecture,
Cleveland, Ohio.

NCAIA
SUMMER MEETING
June 14, 15, 16
BILTMORE MOTOR HOTEL
Morehead City
SELECT a BRICK . . . by KENDRICK!

- low FIRST COST!
- low MAINTENANCE COSTS!

make Brick The Bargain Building Material

KENDRICK BRICK & TILE CO.

SALES OFFICE • 3235 S. BLVD.
PHONE JA 3-6716 • CHARLOTTE, N. C.

PLANT NO. 1—MT. HOLLY, N. C.
PLANT NO. 2-3-4—MONROE, N. C.

Designability of MOUNT AIRY GRANITE

Mount Airy Granite adapts itself to many functional, beautiful and decorative design possibilities. Uniform texture of the stone, plus its enduring strength, lend individual beauty, dignity and enhance the value of the structure. Its versatility, when used as facing or for complete structure, is equally effective in classical or modern architecture.

Write for complete information and samples, today.

NORTH CAROLINA GRANITE CORPORATION
Mount Airy, North Carolina
Brick excites the imagination

because brick is the truly versatile building material
that offers unlimited possibilities for texture and color interest.

J. AUBREY KIRBY, AIA
454 Araber Road
Winston-Salem, NC 27105-5406