SOUTHERN ARCHITECT







. . . a handsome horizontal rolling window for deluxe

WINDOW

residential and commercial use, incorporating incomparable design and engineering skill. The Ambassador 300 boasts the extra-quality of the Big M, the Symbol of Excellence of Miami Window Corporation. It is undoubtedly the finest horizontal rolling window made today. If your plans call for fenestration of highest quality, unparalleled engineering excellence, exceptional features - our Sales Engineering Division is at your service to make recommendations and product presentation. For detailed information and specifications, write today to Miami Window Corporation.

IT'S NOT A MIAMI WINDOW 🖺 . . UNLESS IT'S MADE BY





JUNE 1963 VOLUME 10 NUMBER 6

SOUTHERN ARCHITECT



COMMITTEE ON PUBLICATIONS

JOHN T. CALDWELL, AIA, CHAIRMAN RALEIGH RALEIGH WILLIAM W. DODGE III, AIA RALEIGH J. STANLEY FISHEL, AIA RALEIGH RALEIGH GENE W. JONES, AIA RALEIGH RAYMOND C. SAWYER, AIA RALEIGH RILBERT M. SLACK, AIA RALEIGH J. B. WIGGINS, AIA RALEIGH RALEIGH

IN CHARGE OF LAYOUT THIS ISSUE
J. B. WIGGINS, AIA

NORTH CAROLINA CHAPTER THE AMERICAN INSTITUTE OF ARCHITECTS

ARTHUR C. JENKINS, JR., AIA

S. SCOTT FEREBEE, JR., AIA

FUCE-PRES.

KACON S. SMITH, AIA

ARCHIE R. DAVIS, AIA

ARCHIE R. DAVIS, AIA

ALBERT L. CLEMMER, AIA

ALBERT L. HASKINS, JR., AIA

LESLIE N. BONEY, JR., AIA

JOHN T. CALDWELL, AIA

JOHN T. CALDWELL, AIA

JAMES C. HEMPHILL, JR., AIA

BEVERLY L. FREEMAN, AIA

LOUISE HALL, AIA

R. MAYNE ALBRIGHT

BETTY W. SILVER

PRESIDENT

VICE-PRES.

SECUTIVE SECRETARY

VICE-PRES.

ACRES

VICE-PRES.

PRESIDENT

VICE-PRES.

PRESIDENT

VICE-PRES.

ACRESURE

ACRESU

SOUTHERN ARCHITECT IS PUBLISHED BY THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS, BETTY W. SILVER, EXECUTIVE SECRETARY, POST OFFICE BOX 12025, RALEIGH, NORTH CAROLINA. ADVERTISING RATES ON REQUEST.

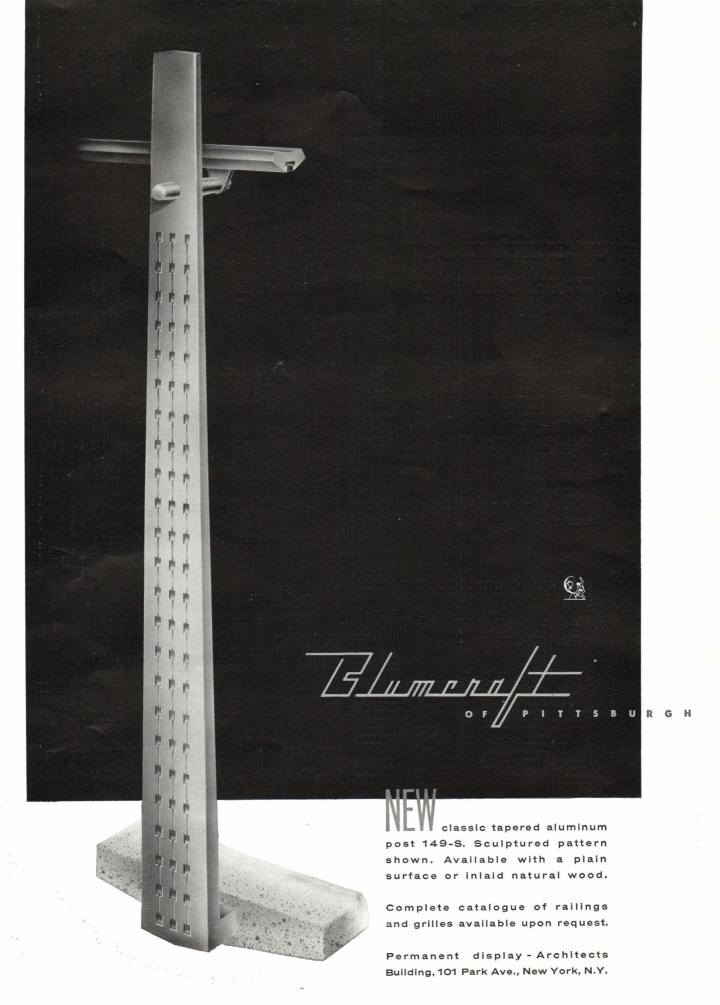
OPINIONS EXPRESSED BY CONTRIBUTORS ARE NOT NECESSARILY THOSE OF THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS.

NATIONAL ADVERTISING REPRESENTATIVE: PETER BOVIS & ASSOCIATES 10 WEST 45TH ST., NEW YORK 36, N. Y.

CONTENTS

President's Message	5			
Studio-Residence, Blowing Rock	8	&	9	
Architect's Own Residence, Raleigh	_10	&	11	
Proposed Residence, Raleigh	_12	&	13	
Horizon Home, Charlotte	_14			
Residence, Southern Pines	15			
Residence, Durham	16	&	17	
Residence in Florida	_18			
NCAIA Summer Meeting	_19			
Time, Space & Urban Renaissance by Robert C. Huling, AIA				
News Items	23,	24	& 25	
Design Foundation News	27			
Directory of Salesmen's Products	29			
Calendar of Events	_30			

Cover: Studio-Residence, Blowing Rock Photograph by George L. Honeycutt





School is out for the summer and many students of all ages are going to have time on their hands. Of this student group many High School and College students have already started work at summer jobs, others are planning for summer school study, many are taking trips and some are just loafing.

Do you have some work in your office where a college or high school student could be of some help? Look around, I'm sure there are many students without summer jobs who would welcome the opportunity for some constructive summer employment.

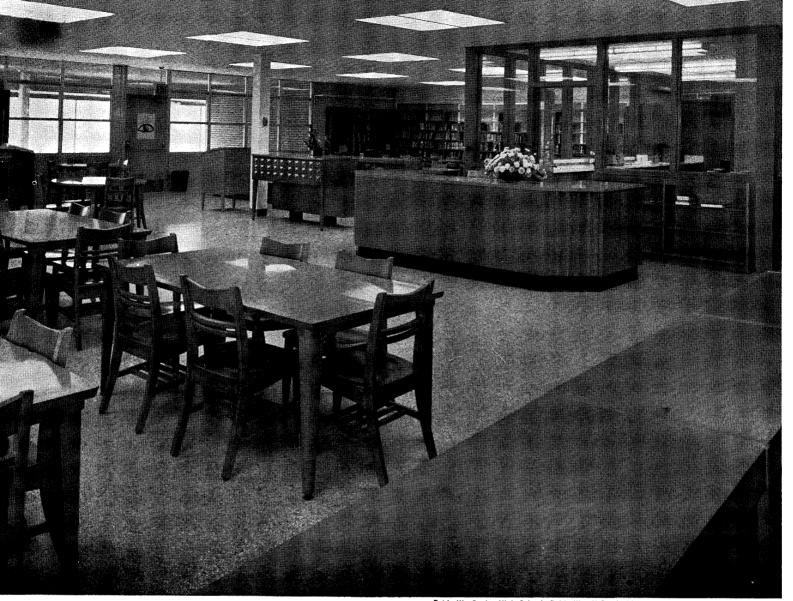
Now that the Chapter has a new home in Raleigh all of us should make an effort to pay this outstanding landmark a visit. The North Carolina Chapter AIA owes a debt of graditude to Mr. and Mrs. William Henley Deitrick for making this new chapter headquarters possible.

This year Frederick Grieger, a 1962 graduate of the School of Design at North Carolina State College was awarded a \$1,500.00 grant from the American Institute of Architects Foundation Scholarship Program. This award is for advanced study during 1963 and 1964. It is an honor to have one of the graduates of our own School of Design receive such a grant.

Since graduation Fred Grieger has been employed by Hayes-Howell in Southern Pines and is doing very well. The official award of this grant will be made at the North Carolina Chapter AIA Summer meeting at Highlands, North Carolina on Friday evening June 21, 1963.

Our summer meeting is going to be a good one. Pre-registrations are most encouraging: It looks now as though we will have a good turn-out. I hope to see you all at the summer meeting.

Arthur Chessen



Reidsville Senior High School, Reidsville, N.C.; Architect: Schnedl & Schnedl

PRESTIGE ...

For your newly designed library. Southern Desk's enlarged PRESTIGE line of all-wood library furniture couples simplicity with maximum efficiency in pieces for every need. The completeness of PRESTIGE makes planning easier, results more satisfying to librarian, administrator and architect alike. And with PRESTIGE come the extra advantages available from Southern Desk: an experienced staff to help work out the details of creative planning . . . layouts, space and capacity estimates, engineering service. A company with years of experience in the institutional furniture field. A force of craftsmen whose skills have been a major portion of a lifetime in the making. Consider PRESTIGE for your library. Write for a catalog today.





Southern Desk Company

A Division of Drexel Enterprises, Inc. Hickory, North Carolina

Manufacturers of church, library, classroom, laboratory and dormitory furniture; auditorium and stadium seating.



For outstanding wall performance . . .

MASONRY CEMENT

Bring out the best in your wall designs. Specify mortar made with masonry cement. Precision-made, masonry cement encourages good workmanship. It takes the guesswork out of making mortar as specified, makes tighter joints with uniform color and good bond strength. Simplifies and speeds work because everything except sand and water is delivered in one bag... and no special skills are needed for mixing. Masonry cement has excellent workability and high water retentivity thus assuring good wall performance. More and more architects are specifying mortar made with masonry cement for use with the newer forms of concrete masonry, as well as brick, tile, stone and glass.

1401 State Planters Bank Bldg., Richmond 19, Va.

 $\textbf{PORTLAND CEMENT ASSOCIATION...} A \ national \ organization \ to \\$

improve and extend the uses of portland cement and concrete

watch for

Convite Industries HORIZON HOMES Program



OWNER'S SPECIAL PROGRAM REQUIREMENTS

Space to work as an artist, to retreat from a college faculty and to entertain as a bachelor.

Provide nominal space to work and live with the potential for expansion of Studio and Work Areas in the future.

Occupancy to be on weekends, vacations and the summer. Full time occupancy anticipated in the future.

Facilitate unrestricted circulation and long interior views for art exhibitions. Exhibitions of art to be informal as opposed to a formal gallery.

Provide extensive natural light for work and views of surrounding mountains and a nearby lake.

Provide an outside area or deck for work and entertainment.

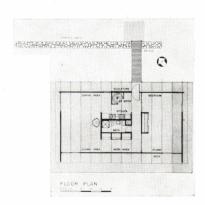
Plan for the accommodation of large groups of people in conjunction with exhibitions and on special social occasions.

Leave site in natural state insofar as feasible.

Collaborate with Owner and other artists in the spatial planning of the structure and the use of related paintings and sculpture.









STUDIO-RESIDENCE

blowing rock

architect:

PAUL BRASWELL, AIA

charlotte

owner:

Philip Moose

blowing rock contractor:

Wilson Construction Company

blowing rock

engineer:

Gardner, Elsevier and Kline, Consulting Engineers durham

dumam

sculpture:

Ed Johnson raleigh

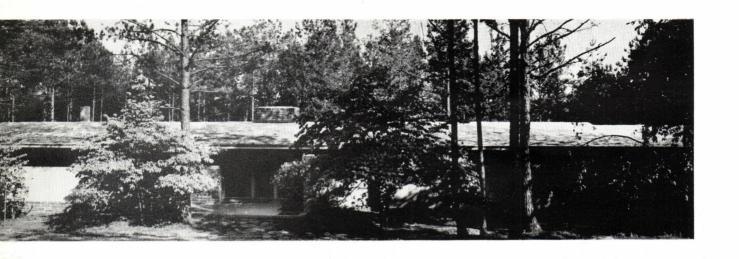
photography:

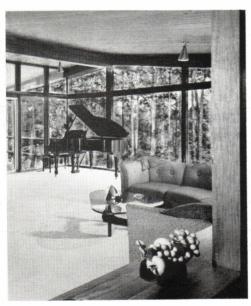
A. Haynes Dunlap

charlotte

George L. Honeycutt

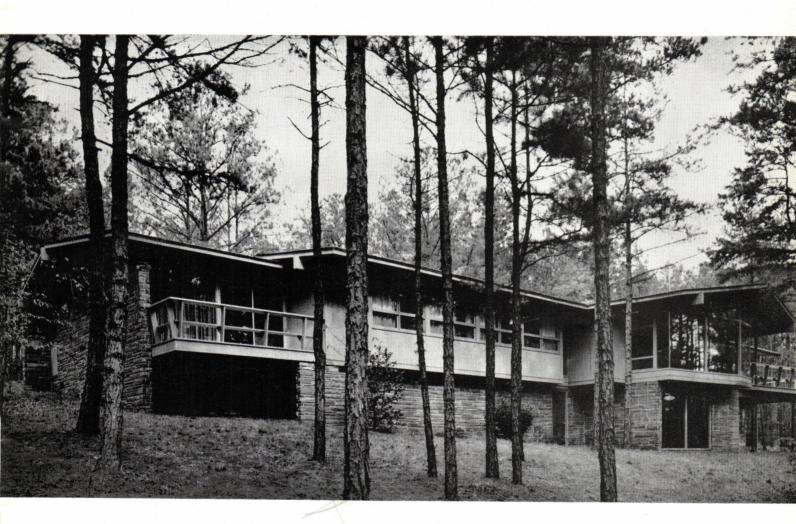
houston, texas











ARCHITECT'S RESIDENCE raleigh

architect and owner:

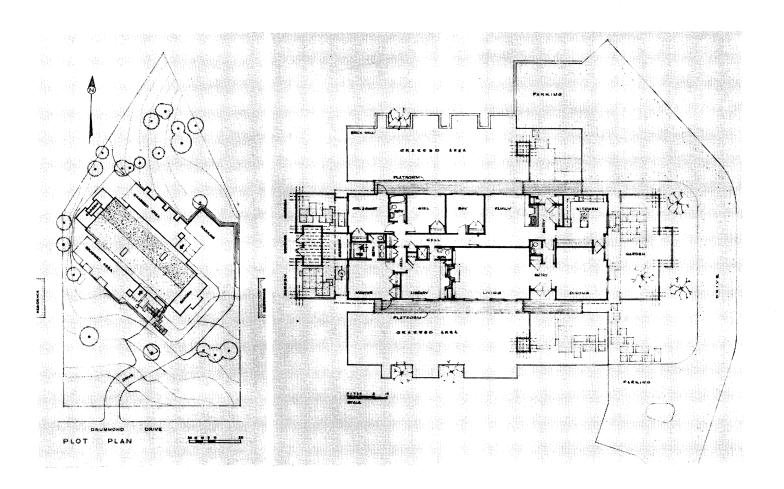
F. CARTER WILLIAMS, AIA raleigh

general contractor: Davidson & Jones raleigh

Photographs by Lewis Watson

Designed for family living with two daughters, casual entertaining, large and small groups. The site is beyond city limits and in a wooded area, overlooking a ravine with constantly running creek.

Comfort conditioning year-around with heat pump and well water with overflow into pool in living room.



RESIDENCE

raleigh

architect:

DODGE AND BECKWITH, AIA

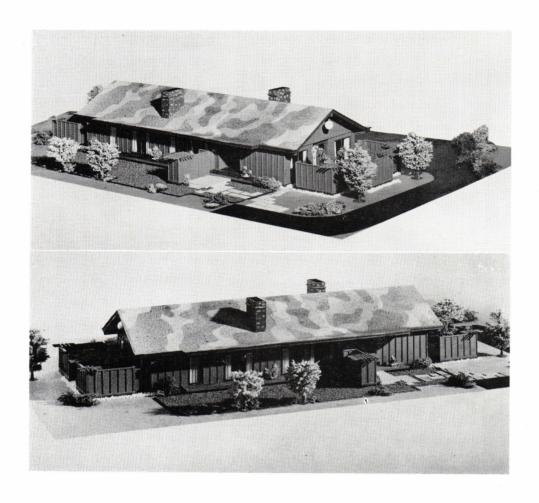
raleigh

owner:

Mr. & Mrs. Grady S. Patterson, Jr. raleigh

Model by Owner

Photographs by Lewis Watson



This house is designed for a young attorney and his wife with three children and is located in a subdivision of mixed custom and builder houses.

The clients' requirements included a strong desire for privacy both within the family and from the neighbors. They further required yard area with little maintenance and expressed an interest in formal design. The house is designed to meet these requirements and still provide proper background for entertaining both formally and informally. The orientation of the house takes advantage of both terrain and sun and places as much space as possible between it and its neighbors.

Conventional construction is used throughout with the design based on a four foot module. The wall extensions adjacent to the entrances provide screening for the more private areas as well as housing for heat pump condensors.

The long platforms provide exterior traffic space beween the rooms as well as seating for outside entertaining. The roof overhangs above the platforms offer protection plus the additional feature of a swing-down slatted ceiling to provide sun screening in the late afternoon.

RESIDENCE

charlotte

architect:

HOLROYD, FOLK & GRAY, AIA charlotte

contractor:

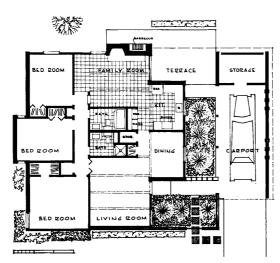
Fred J. Wiggins Construction Co. charlotte

The Horizon Home for Charlotte, North Carolina, was built for the Design Competition of Portland Cement Association and designed to meet the present demand for speculative homes in the low \$20,000.00 range including lot. It was felt that a home in this price bracket would meet the needs of a larger segment of home buyers.

With this aim in mind the house was designed to be easily constructed (and repeated) by a home builder using readily available standard concrete units and the skills of presently employed workmen. These units were incorporated in the design with frame construction in such a way as to assure simplicity, speed and resulting economy.

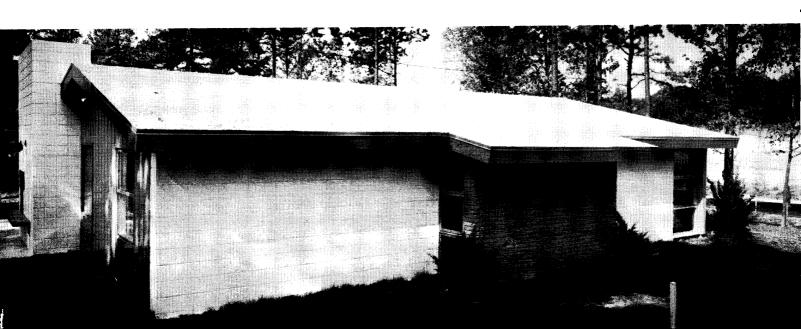
Special Features include a concrete mural panel, designed by a local sculptor for this home, precast and installed over fireplace; standard concrete units utilized in various patterns on interior walls in contrast to other smooth walls; and a built-in barbecue at rear of fireplace at covered terrace.



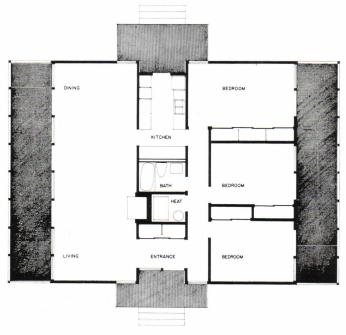












The house was designed for a couple with two children desiring a maximum amount of space in spite of a low budget of \$13,000.00.

This indicated the more open type plan utilizing the central core scheme and dictated the basic materials as well as the simplicity of detailing. These factors suggested the open living-dining area and screen porch on one side of the core, with the three bedrooms, closets and screen porch on the other.

RESIDENCE

southern pines

architect:

HAYES-HOWELL AND ASSOCIATES

southern pines



DURHAM RESIDENCE

owner:

Dr. and Mrs. Hans Gerhard durham

architects:

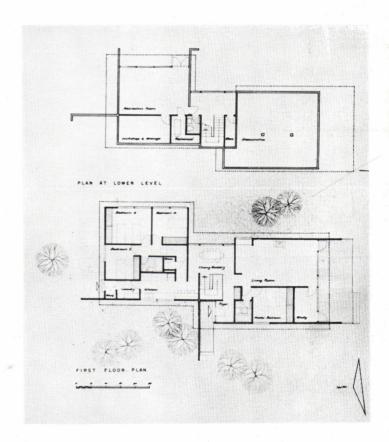
CHARLES H. KAHN, AIA & ASSOCS. BRIAN SHAWCROFT, ASSOCIATE raleigh

contractor: C. S. Witt durham Designed for a family of diversified interests and ages, the house accommodates an economics professor at Duke University and his wife who is a cellist with the Duke Symphony orchestra, a teenage daughter and two younger children. Separate living space was provided for the parents including a study adjacent to the living room and master bedroom. The dining gallery is the connecting link between the several different areas of the house.

A lot sloping to the rear provided a natural basement area. The property has been left in a natural wooded state with only the trees on the building site being removed.

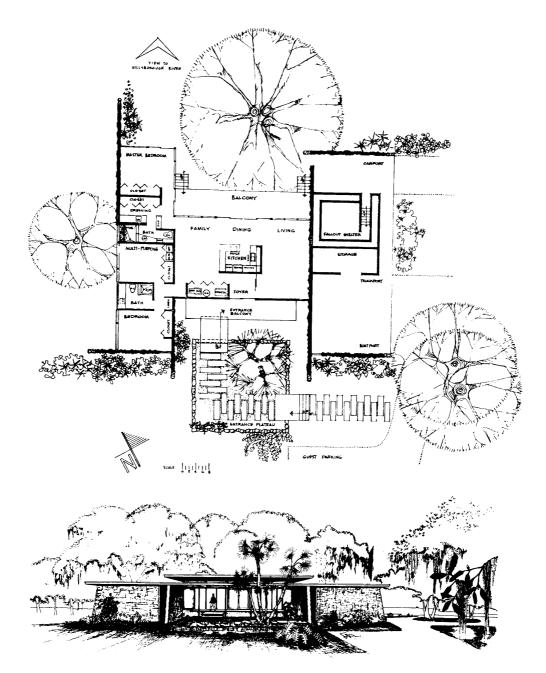






photographs by Brian Shawcroft





RESIDENCE IN FLORIDA

architect:

CARR, HARRISON, PRUDEN AND DEPASQUALE ASSOC. ARCHITECTS OF DURHAM

The house is located on a river site which is wedge shaped, with 200 feet on the road; 100 feet on the river and 220 feet in depth; with a dozen large live oak trees dotting the site. Due to the idiosyncrasies of the Hillsboro River to flood its banks occasionally, the house had to be designed well above the previous high water mark, which was recorded approximately 20 feet to the rear of the house.

To protect against flooding, the main floor of the structure was placed four feet above this high water mark, this made possible an entrance plateau consisting of a sea of white gravel and tropical planting, through which one passes to ascend steps, a cantilevered platform and balcony to the front entrance.

The dominant building material is rough rubble boulder-type stone from Brocksville, Florida. The stone has many fossil impressions and range in color from beige through white and soft yellow.

There are two bedrooms for a family of two adults and one child, and they are separated by a multipurpose work room for the housewife. This room would also double a third bedroom.

The master bedroom has its own private dressing room area and separate bath with sunken tub and planting area.

The kitchen is centrally located to serve living, dining and family areas.

The center portion rises above the two wings and has an eleven foot ceiling with glass as used in a clerestory. Overhangs for this portion are eight feet.

Structure in the high portion is of steel tubular columns and steel beams with wood ceiling joist. The two wings are load bearing stone walls and frame construction.

Colored asbestos panels are used at the front and under window areas.

There are 1,900 square feet of living area in the house and 3,000 square feet under roof.

1963 NCAIA SUMMER MEETING

Thursday—June 20

8:00 p.m. Executive Committee Meeting Bingo for ladies and guests

Friday—June 21

10:00 a.m. NCAIA Business Meeting
Arthur C. Jenkins, Jr., Presiding
Special Committee Reports
Owen F. Smith
James C. Hemphill, Jr.
Report on National Convention
William E. Freeman, Jr.
Induction of New Members
William E. Brackett, Jr.

1:00 p.m. Luncheon on your own

2:00 p.m. Golf, swimming, tennis, sightseeing

6:30 p.m. Social hour

7:30 p.m. Summer banquet

Presentation of AIA Foundation Scholarship to Frederick Grieger Henry L. Kamphoefner William E. Freeman, Jr. Arthur C. Jenkins, Jr.

9:00 p.m. Dancing to Jim Crisp's orchestra

Saturday—June 22

9:00 a.m. Leave Highlands Country Club for Gem Hunt at Shuler Ruby Mines

10:00 a.m. NCAIA Business Meeting

S. Scott Ferebee, Jr., Presiding Address—"The A.P.C.'s of Photography" Taylor B. Lewis, Jr., Director of Illustrations

Haycox Photoramic, Inc. Film—"An Architect at Work"

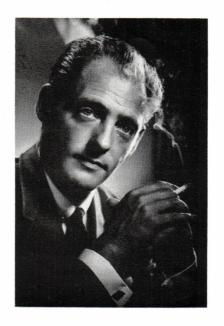
1:00 p.m. Luncheon on your own

2:00 p.m. Golf, swimming, tennis, sightseeing

6:00 p.m. Social hour

7:00 p.m. Dinner on your own

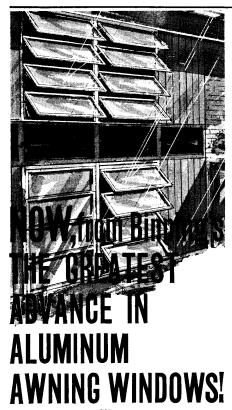
8:30 p.m. Dancing—Presentation of golf awards



Taylor B. Lewis, Jr., pictured above, will be the featured speaker at the Summer Meeting of the North Carolina Chapter of The American Institute of Architects, to be held at the Highlands Country Club, Highlands, North Carolina, June 20, 21 and 22. The subject of Mr. Lewis' address will be "The A.P.C.'s of Photography" and will cover the areas which seem to plague most the relationships between architects and photographers. The lecture will be illustrated with slides and prints, followed by a question and answer period. Mr. Lewis will cover such questions as what an architect should expect to obtain from his photographer and ways in which the architect can help the photographer to get the best pictures possible of the architect's work. The address is scheduled for 10:00 o'clock on Saturday morning, June 22.

Mr. Lewis is a native of Kansas City, Missouri, and has studied at the Art Institute in Chicago, San Francisco State University where he was a student of photography under John Guttman. His apprentice work in photography was at Romaine's Studio in San Francisco where he specialized in architectural and catalog work. He is also a graduate of Professional Photographers' School at Winona, Indiana.

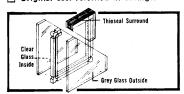
Since 1956, Mr. Lewis has been associated with Haycox Photoramic, Inc. of Norfolk, Virginia. For the past six years he has won the Grand Commercial Photographic Award presented by the Virginia Professional Photographers Association; in 1959 he took top honors for the best illustration of the year, awarded by the Southeastern Photographers' Association. His first place award by the Norfolk Art Directors' Club for an illustrated brochure was also cited by American Home magazine. His work has appeared in American Home, Better Homes and Gardens, New Homes Guide; N.A.H.B. Journal; House & Home and Antiques magazines.





For the first time you can offer the advantages of aluminum awning windows along with those of this new, modern insulation — Grey INSUL-GLASS. Check these outstanding features:

- Solar radiation and heat transfer reduced by 50%.
- ☐ Air conditioning installation and operating costs reduced up to 50%.
- □ Withstand hurricane winds approximately 200% stronger than regular glazing.
- Glare virtually eliminated, easy to see out.
- ☐ Beautiful grey luster enhances appearance, provides privacy.
- ☐ Fading of draperies and rugs reduced.
- Original cost returned in savings.



You'll also benefit from Binning's line of single hung windows and patio doors with Grey INSUL-GLASS. For more information about these revolutionary new products, contact Binning's, Inc., today!

YOUR LEADING SOURCE FOR ALUMINUM BUILDING PRODUCTS



PATRONIZE OUR OVERTISERS



A North Carolina Owned & Operated Corporation

MANUFACTURERS OF

PASSENGER & FREIGHT ELEVATORS-CABLE OR HYDRAULIC

MAIN OFFICE GREENSBORO, N.C.

BRANCH OFFICE CHARLOTTE, N.C.



For beauty and permanence . . .

BORDEN

FACE BRICK
BUILDING BRICK
STRUCTURAL TILE
DRAIN TILE





GOLDSBORO

RE 4-3771

DURHAM

SANFORD

TIME, SPACE AND URBAN RENAISSANCE

By Robert Coleman Huling, AIA

Madison Avenue with all its advertising genius cliches finds itself hard put when attempting to match those of high-powered Architects and Engineers when they promote Urban Renewal or Urban Redevelopment.

The Political aspect of these two types of projects has often been developed by public office seekers to the point that John Q Public gets confused and in desperation brands them both as a necessary evil and promptly loses interest.

The pros and cons of Redevelopment and/or Renewal, merit a great deal of discussion, but, not here and now.

A facet of the social community growth most overlooked by Architects, Engineers, Politicians and just plain people, is that facet of Urban Renaissance. The failure of so many good and logical community development plans is that they failed to contain that magic pinch of Urban Renaissance necessary.

Urban Renaissance is simply the aligning of Architects, Engineers, Politicians and just plain

people on the same team!

Since the term "Americans" generally means anyone born in America, and since birth alone means nothing, as well as excluding those who have migrated here; let us borrow Frank Lloyd Wright's term "USONIAN" to refer to the masses involved in Urban Renaissance.

A USONIAN may be any person who puts his shoulder to the wheel in Urban Renaissance. Regardless of his training, or lack of it, every person can do something in the movement.

Urban Renaissance can be best explained by example. The best North Carolina example is that which occurred in Salisbury.

Salisbury, like my hometown of Franklin, Pennsylvania and a temporary hometown of Newburgh, New York, was a Colonial town. All three cities were Colonial Out-posts, had a wide main street, "George Washington Slept There" and enjoyed some significance in past history. All three failed to enjoy a healthy progressive growth.

By 1950 each showed signs of serious economic regression and each ignored the signs. In 1960 the plight was worse in each case. The Newburgh story gained national attention, no one hears much of Franklin anymore, but Salisbury achieved the rare status of becoming an All-America City.

In 1961 a team of Brain-Stormers was sent out by the Chamber of Commerce. They visited civic clubs, church groups and everywhere they could assemble citizens of the county.

At a typical Brain Storm Session the group would be subdivided into tables of 5 or so. Each person was asked to make a list of the 7 things he thought the city and/or county needed to do, or have done, for improvement. Each person signed his name to the list

At each table these lists were tabulated and the first 10 items receiving the most votes was read to the room. The whole room was tabulated for the 10 most wanted items.

All lists were collected and reviewed lest someone's obscure gem of an idea was overlooked.

Within a few short weeks the Chamber of Com-

merce had a compilation of 3,000 different suggestions from which a 12 point program was created covering the fields of:

1.	Industrial Development		goals
2.	Trade Development		goals
	Agriculture	5	goals
4.	Transportation	7	goals
5.	Tourists and Conventions	6	goals
6.	Government	8	goals
	Education	7	goals
8.	Health and Welfare		goals
9.	Parks and Playgrounds	5	goals
10.	Beautification	7	goals
11.	Promotion	10	goals
12.	Membership in Chamber of (Com. 3	goals

More important, they had the names of the persons most interested in certain areas, and these enthusiastic people were immediately requested to serve on those committees.

At the midpoint of the year a partial attainment of all the goals had been reached. Most spectacular was the public subscription of:

\$621,000.00 for a Community-College Auditorium 220,000.00 for an industrial development building fund

80,000.00 for a Salvation Army Citadel-Youth Center

150,000.00 for county-wide United Fund Projects Plus successful public expenditures and bond elections of:

\$ 500,000.00 Industrial Training School 526,000.00 Annexation Expenditures 1,575,000.00 New sewage treatment plant

Not to mention an extensive public street improvement program (more streets were paved in the past 5 years than the previous 202 years), street lighting program and downtown beautification planting trees, brick planters and park benches.

This Urban Renaissance resulted in Salisbury's becoming one of 22 finalists in National Municipal Leagues All-America City Award Competition. Salisbury went on to win the award on the first ballot.

In marked contrast, the greatly publicized Pittsburgh Renaissance has failed to maintain public interest. Pittsburghers were extremely enthusiastic at the beginning of the work in that city but in a short period of time the leaders and professionals managed to exclude John Q Public and continued their work from an Ivory Tower. Today a snide remark about Pittsburgh to Pittsburghers will get a pat on the back where several years ago the remark would have meant a lump on the head.

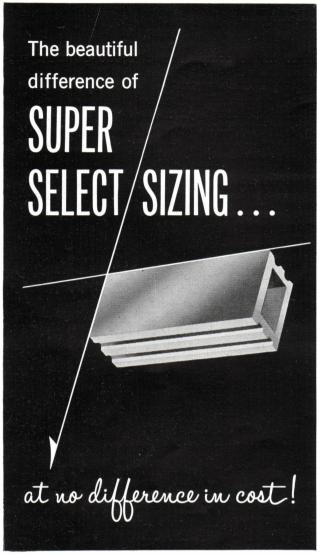
The work of course, continues, and is appreciated by the professionals but is received with indifference by the people. The Magic is gone.

In other cities too, what could have been Renaissance has become merely Renewal or Redevelopment.

The trilogy in "The Sound of Music" may well apply:

"A Bell isn't a Bell, until it's rung; A Song isn't a Song, until it's sung; Love isn't love, until it's given."

. . . Renaissance isn't Renaissance until it's renaited.



CERAMIC GLAZED STRUCTURAL TILE

Sizing no longer costs you extra money! • Specify Accuratile. You will get sized Grade SS (Super Select) tile, for the price of unsized Grade S. · Accuratile rekindles the pride of the craftsman in his work. He doesn't have to "fudge" the joints to compensate for wide dimensional differences. He creates walls with neater, straighter, beautifully slender lines of mortar. • Here's more of what makes Accuratile the finest ceramic glazed structural tile you can buy today, at any price: • CHOICE OF 18 CONTEMPORARY TONES FOR UNLIMITED AESTHETIC EFFECTS . DELIVERED IN PROTECTIVE UNITIZED PACKAGES AT NO EXTRA COST . MADE BY NEW, AUTOMATED METH-ODS WITH MACHINE-MEASURED QUALITY CONTROLS.

RAISE YOUR STANDARDS, BUT NOT YOUR COSTS. SEND TODAY FOR THE FREE ACCURATILE BROCHURE.



ARKETEX CERAMIC CORPORATION BRAZIL, INDIANA

The progressive name in structural ceramics

Distributed by: F. GRAHAM WILLIAMS CO., INC. Atlanta, Georgia

DEWEY BROS., INC.

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



DEWEY BROS., INC.

Goldsboro, N. C.

Grev Iron Construction Castings Since 1885

Specify



Precast Aggregate Panels



3300 N. Liberty St.

Winston-Salem, N. C.



KAMPHOEFNER NAMED TO TOP POST

Henry L. Kamphoefner, FAIA, Dean of the School of Design at North Carolina State of the University of North Carolina at Raleigh was elected National President of the Association of Collegiate Schools of Architecture at the annual meeting of ACSA at Miami Beach, May 3-5. The Dean's election is for a two year term. Previously he had served the Association for a four year term as Treasurer and a member of the Executive Committee.

The Association of Collegiate Schools of Architecture is composed of 60 Member Schools of Architecture in the United States, Canada and Mexico and 16 Associate Member Schools, the latter who are not giving a degree program in architecture but who are offering courses in architecture. There are also about 200 persons interested in architectural education who are individual members of the Association.

The Journal of Architectural Education, long an independent publication was merged about two years ago and is now an integral part of the AIA Journal.

Dean Kamphoefner succeeds Dean Olindo Grossi of the Pratt Institute School of Architecture in the presidency. George Danforth of Illinois Institute of Technology in Chicago was elected Vice-President.

Kamphoefner has also been recently appointed to the 17-member national committee on aesthetics of The American Institute of Architects by Henry L. Wright, FAIA, President of the AIA.



Howard R. Garris, Jr. (left), North Carolina State College School of Design senior, points out interesting features of his drive-in branch bank model to his professor, Harwell H. Harris, AIA.

NORTH CAROLINA STATE COLLEGE STUDENT WINS ARCHITECTURE SCHOLARSHIP

Howard R. Garris, Jr., a senior in architecture at North Carolina State College, has brought added honors to the School of Design, and a fifteen hundred dollar scholarship to himself for a summer's study at the Fontainebleau School of Fine Arts in France.

The scholarship is one of five such regional awards given by the Portland Cement Association under its newly established Architectural Scholarship Awards Program.

The architectural problem, which won Garris his European study and series of tours, was a design for a drive-in branch bank in a residential area. His basic design indicated that the structure was to be built primarily of concrete.

The program requires all entries to be selected from designs the student has submitted in the course of normal class work. Garris submitted a mcdel of his bank, which features three individual drive-in window cages, separated from one another and the main part of the circular building by driveways. Skylights over the driveways and walk-in portion of the building provide an additional feeling of space and light.

Dean Henry L. Kamphoefner, of State College's School of Design, described the jury responsible for making the award selections as distinguished and qualified.

Members of the jury were Peter Blake, managing editor of the Architectural Forum, New York; Craig Ellwood, architect, Los Angeles; and Richard M. Bennet, architect, Chicago.

Howard Garris, Jr., son of a professor of plant pathology at State College, has been designing and building since he was a child.

Only full time architectural students attending schools that are accredited by the National Architectural Accrediting Board, and the faculties of which agree to participate in the program are eligible.



AIA
SCHOLARSHIP
AWARDED
N. C. ARCHITECT

The American Institute of Architects has announced that Frederick Grieger of Southern Pines, N. C. has been awarded a Foundation Scholarship in the amount of \$1,500 for 1963-64. AIA scholarships and fellowships are derived from Special Funds of The Institute to assist worthy students and practitioners of architecture in furtherance of their education or research. Grieger plans to continue his education by going to Philadelphia to study under Louis Kahn.

The award will be presented to Mr. Grieger at the Summer Meeting of the N. C. Chapter, AlA, at the banquet on Friday night, June 21, to be held at the Highlands Country Club, Highlands, N. C. Participating in the presentation will be William E. Freeman, Jr., AlA, Director of the South Atlantic Region, AlA, Arthur C. Jenkins, Jr., AlA, President, N. C. Chapter AlA, and Henry L. Kamphoefner, FAIA, Dean of the School of Design, N. C. State College.

A native of New York City, Mr. Grieger was graduated from the School of Design, N. C. State College in 1961. During his college years he was the recipient of the following awards:

Duke Endowment Rural Church Competition, First Place, 1958

Scholarship for Summer Training, Voorhees, Walker, Smith, Smith & Haines Edison Electric Institute Medallion Home Design Competition, Second Place, 1960

American Institute of Architects School Medal, 1961

Henry Adams Book Award, 1961

N. C. Chapter American Institute of Architects Award for Distinguished Design, 1961

Danish Government Fellowship for Study, 1961 (declined)

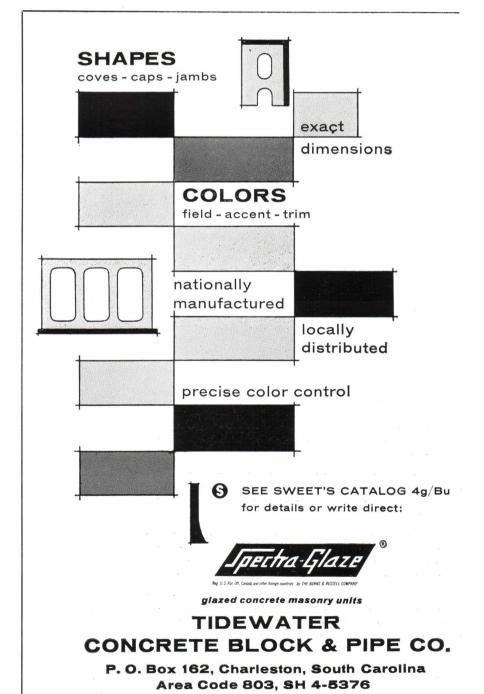
Finalist, Lloyd Warren Fellowship Competition, 1961

Finalist, Rome Prize, 1961

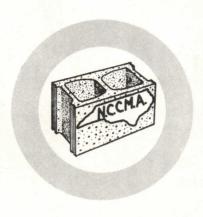
Alternate Fulbright Scholar, 1961

Member, Phi Kappa Phi, Honor Fraternity

Since June 1961 Mr. Grieger has been employed in the office of Hayes, Howell & Associates of Southern Pines.







Adams Concrete Products Company, Varina . Adams Concrete Products Company, Durham Asheboro Concrete Products Company, Asheboro
 Cape Fear Block Company, Fayetteville . Carolina Block Company, Durham . Carolina Concrete & Block Works, Rocky Mount Carolina Quality Block Company, Greensboro
 Catawba Concrete Products Company, Hickory . Charlotte Block, Inc., Charlotte . Concrete Products Co. of Asheville, Asheville • Dixie Block Co., Four Oaks • Dixie Concrete Products, Inc. of Mount Airy • Dixie Concrete Products, Inc., of Winston-Salem . Dixon Block Co., Belmont . Gray Concrete Pipe Company, Thomasville • Gray Concrete Pipe Company, Wilson • Greystone Concrete Products Company, Henderson . H. & O. Concrete Block Company, Durham . Hoke Concrete Works, Raeford • Johnson Concrete Company, Salisbury • King Brick & Pipe Company, Burlington • Linstone Inc., Wilson . Maymead Block Company, Inc., Boone . Morehead Block & Tile Co., Morehead City . N. C. Products Corp., Raleigh . Point Peter Block Co., Wilmington . Reidsville Block & Concrete Specialties, Reidsville . Rockingham Block Company, Spray . Shelby Concrete Products, Inc., Shelby . Smith Concrete Products, Inc., Kinston . Southeastern Block & Tile, Inc., Albemarle . Standard Concrete Products Company, North Wilkesboro . Standard Concrete Products Company, Raleigh . Stevenson Brick & Block Company, New Bern . Superior Block Company, Charlotte . Surry Concrete Products, Mt. Airy . Tarboro Concrete & Building Supplies, Inc., Tarboro.

THE NORTH CAROLINA CONCRETE MASONRY ASSOCIATION

DRAFTSMEN WANTED

Several architects have notified this office they have openings for permanent employment for experienced draftsmen. If interested, please contact N. C. Chapter AIA, P. O. Box 12025, Raleigh.

Mc Devitt & Street Company

GENERAL CONTRACTORS

145 Remount Road

Charlotte, North Carolina



Over 35 Years Continuous Experience in General Construction in the Southeast.



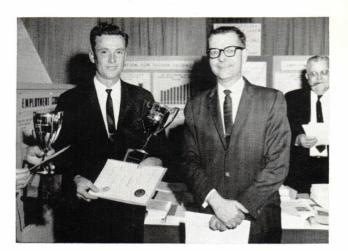
PRECAST CONCRETE FACING AND CURTAIN WALL

Agents for GRANUX

THE Mable North Found The Company

Members of Mo-Sai Institute, Inc. Producers' Council, Inc. North Carolina Design Foundation The Clemson Architecural Foundation

P.O. Box 1558, Greensboro, No. Carolina Telephone 299-6122



AIA HONORS CHAMPION APPRENTICE BRICKLAYER

President Arthur C. Jenkins, Jr. (right), of the North Carolina Chapter, AIA, was on hand at the North Carolina International Trade Fair in Charlotte on May 2 to honor the State's "Champion Apprentice Bricklayer of 1962," Frank Carpenter (left), of Norwood, Route 1.

In behalf of the N. C. Chapter, AIA, President Jenkins presented Carpenter with a Certificate of Award in recognition of his achievement. The youthful apprentice took top honors in a field of 30 apprentice contestants at the 9th annual statewide apprentice bricklaying contest held at the State Fair in Raleigh last fall.

In the same ceremony, which was held in front of the N. C. Department of Labor exhibit booth at the Trade Fair, Governor Terry Sanford presented Carpenter with an engraved trophy donated by the Carolinas Branch, Associated General Contractors, and a \$200 savings bond prize given by Brick and Tile Service. Inc.

The awards presentation was held at the Trade Fair to emphasize the vital role of the craftsman in building the State's expanding industrial economy. The ceremony was viewed by a group of some 50 sponsors of the bricklaying contest, including State Labor Commissioner Frank Crane, Apprenticeship Director C. L. Beddingfield, the members of the State Apprenticeship Council, and representatives of other State, Federal, and industry sponsoring agencies.

STRUCTURAL

PRECAST & PRESTRESSED

CONCRETE

ARNOLD STONE CO.

P. O. Box 3346

Greensboro, N. C.

Phone 668-2427



We Recommend:

- 1. Specifying **minimum** of three acceptable products in lieu of using an "or equal" clause,
- 2. Use of Standard Specification Outline published by N. C. Chapter, AIA, on all projects,
- 3. The inclusion of Table of Contents in all Specifications.

CAROLINAS BRANCH ASSOCIATED GENERAL CONTRACTORS OF AMERICA, INC.

P. O. Box 1459 - CHARLOTTE 1, N. C.



CAROLINAS' CHAPTER

THE PRODUCERS' COUNCIL, INC.

Allied Chemical Corp. Aluminum Company of America Amarlite Corp. American Air Filter Corp. American Olean Tile Company Armco Steel Corp. Armstrong Cork Company Azrock Floor Products Division Barber-Coleman Company Caloric Appliance Corp. Cambridge Tile Manufacturing Co. C. F. Church-Division Congoleum-Nairn, Inc. Crawford Door Company Cupples Products Corp. Day-Brite Lighting, Inc. **Duke Power Company** Dwver Products Corp. Flintkote Company Michael Flynn Mfg. Company Formica Corp. Georgia-Pacific Corp. Holcomb & Hoke Manufacturing Co. Hillyard Chemical Company **Inland Steel Products Company**

George F. Brown Dana M. Hicks James R. Carter Kirk Cousart William R. Brittain J. D. Joslin Walter Koenig Joe L. Funderburke S. Edward Jordan Arco Industries, Inc. W. G. "Bill" White Lawrence E. Irvine **Allison-Erwin Company** Crawford Doors Sales Co., Inc. Edwin C. Boyette & Son, Inc. Ladd M. Massey T. M. Patrick, Jr. Clark Distributing Co. J. G. Wood, Jr. General Specialties, Inc. Faison Kuester Kermit L. Mann Maxson-Betts Co. Ralph L. Jones Connor B. Stroup Johns-Manville Sales Corporation Wm. A. Lee, Jr. Kawneer Company Robt. W. Aiken Everett H. Bolte Kentile, Incorporated LCN Closers, Inc. L. E. "Woody" Atkins, Jr. Robert C. Bainbridge Libbey-Owens-Ford Glass Company Mastic Tile Division Van Williams Benjamin Moore & Company William Wilson Brown F. R. "Butch" Krulish MO-SAI Institute, Inc. James F. Traylor Natco Corporation Natco Corp. W. Fred Casey Co. National Gypsum Company Acoustics, Inc. New Castle Products, Inc. Delph Hardware & Specialty Co. North Carolina Concrete Masonry Association Andrew L. Clement Northrup Architectural Systems H & S Lumber Co. Otis Elevator Company R. Reagin Warren Owens-Corning Fiberglass Corporation Ray L. Loflin Piedmont Natural Gas Company Robert Erskine Pittsburgh Plate Glass Company John R. Howard H. H. Robertson Company Perry S. Hudnell Sargent and Company Hal Owen Stanley Works Randolph D. Ghezzi **Unistrut Products Company** Mill-Power Supply Co. United States Ceramic Tile Company O. T. Jones **United States Plywood Corporation** Bruce F. Laing Yale & Towne Manufacturing Co. Industrial & Textile Supply Co. **Zonolite Company** E. G. Vincent

CONSULT AN ARCHITECT

The current academic year has been notable again for faculty and students in the School of Design for winning many national and regional competitions. The total money values won by faculty and students since the establishment of the School in 1948 now exceeds \$200,000.

The most outstanding competitive success during the past year has been \$1,900 in prizes won by three students in Landscape Architecture in a national competition in which 149 students from twenty schools of Landscape Architecture competed. This competition result was announced by SOUTHERN ARCHITECT in the May issue. Announced in this issue is a regional competition won by a fourth year student in Architecture in the amount of \$1,500, which will pay his expenses for six weeks study at the Fontainebleau School of Art near Paris. Brooks Breeden, rising fifth year student in Landscape Architecture has won the \$1,000 Summer Research Scholarship for study at the Gardens of Dumbarton Oaks. This competition is administered by the Trustees of Harvard University.

The April issue of SOUTHERN ARCHITECT announced the names of nine graduates of the School

of Design who have been accepted for graduate studies in Architecture and Landscape Architecture at Harvard University, Massachusetts Institute of Technology, the University of Pennsylvania, and Columbia University. Frederick Grieger, B.Arch. '61, has been awarded \$1,400 in scholarships by the University of Pennsylvania and the Medary and Waid Foundation Scholarships in the amount of \$1,500 by the American Institute of Architects. Philip A. Shive of Scotts, N. C., B.Arch. '63, has been awarded a \$1,000 scholarship by the University of Pennsylvania. William Randall Bray of Goldsboro, B.Arch. '63, has received a \$1,000 scholarship from Massachusetts Institute of Technology. Duncan Hudson, B.Arch.'61, has been awarded a Sears Roebuck Foundation Scholarship for study at the University of Pennsylvania in the amount of \$1,750, and in addition has been given \$850 by the University of Pennsylvania from the general Scholarship Fund. Ho-Man Chung, B.Arch. 62, has been awarded a \$1,500 Graduate Scholarship at Harvard University. Leo D'Aleo and Wilson Jones, Jr., who were graduated in Architecture on June 1, 1963, were each awarded \$1,500 Graduate Scholarships at Columbia University.

NORTH CAROLINA STATE COLLEGE SCHOOL OF DESIGN AND NORTH CAROLINA

DESIGN FOUNDATION NEWS

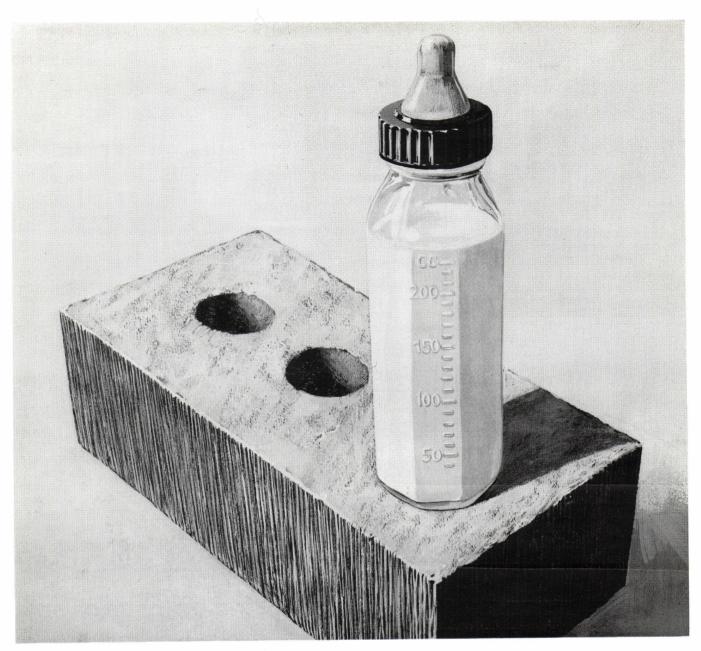
The main function of the Design Foundation is to provide funds for salary supplement purposes at the N. C. State College School of Design. These funds materially aid the School in attracting and holding high-caliber faculty members and to remain competitive with other institutions. The Architectural

Profession wishes to thank the patrons listed below and to encourage other business and industrial firms to support the Foundation program. Interested persons may write Box 5067, State College Station, Raleigh, North Carolina. The list below does not include the many architects who also contribute to the foundation.

INDUSTRIAL AND BUSINESS CONTRIBUTORS (1962-63) TO THE NORTH CAROLINA DESIGN FOUNDATION, INC.

Arnold Stone Company, Greensboro Asheboro Concrete Products Co., Asheboro The Bonitz Insulation Company, Greensboro Brenner Iron & Metal Company, Winston-Salem Brick and Tile Service, Inc., Greensboro Carolina Builders Corporation, Raleigh Carolina Solite Corporation, Charlotte Carolina Steel Corporation, Greensboro Carolinas Roofing and Sheet Metal Contractors Association, Raleigh Collier Cobb & Associates, Inc., Chapel Hill Concrete Materials, Inc., Charlotte Concrete Supply Company, Charlotte Dave Steel Company, Asheville
Delph Hardware & Specialty Co., Charlotte
Dixie Concrete Products, Inc., Winston-Salem
Fogle Brothers Company, Winston-Salem Fowler-Jones Construction Company, Winston-Salem Furniture Foundation, Inc., High Point General Specialties Company, Charlotte Globe Furniture Company, High Point Hunt Construction Company, Durham Industrial Management Club, Lexington Industrial Roofing Company, Inc., Winston-Salem Kewaunee Technical Furniture, Statesville The Mabie-Bell Company, Greensboro

Mid-State Tile Company, Lexington
North Carolina Concrete Masonry Association, Raleigh
N. C. Monroe Construction Co., Greensboro
Peden Steel Company, Raleigh
Piedmont Construction Company, Winston-Salem
Pritchard Paint and Glass Co., Asheville
Pritchard Paint and Glass Co., Durham
Pritchard Paint and Glass Co., Raleigh
Ready Mixed Concrete Company, Raleigh
Salem Steel Company, Winston-Salem
Scarborough Builders Supply Co., Lumberton
Seth Construction Company, Lincolnton
Snow Lumber Company, High Point
Southern Desk Company, High Point
Southern Engineering Company, Raleigh
Statesville Concrete Products, Statesville
Stephenson Millwork Company, Wilson
R. K. Stewart and Son, High Point
Nello L. Teer Company, Durham
A. B. Whitley, Inc., Greenville
J. D. Wilkins Company, Greensboro
F. Graham Williams Co., Inc., Atlanta, Ga.
Yancey Insurance Company, Raleigh



New Addition

Here's a solution to the space problem faced by many of today's growing families. Build with brick — from the *first family* of brick products.

You'll be amazed at the economical practicality of expanding present homes with brick. You'll be delighted when you discover, as so many others have, that Boren, Kendrick and Broad River offer a wide variety of brick colored to your specification. The blend with those in the present home is perfect.

Brick makes it simple to add new living space to present homes. Or, for those in the market for a new home, the *first family* has one of the widest selections of colors, textures, sizes and shapes in the U.S.A.

Remember . . . for brick that says "Welcome Home" — now and forever, specify Boren, Kendrick, Broad River. Brick that's crafted with pride, fired with beauty!



ARCHITECTURAL METALS

Blumcraft of Pittsburgh (See our ad on page 4)

J. D. Wilkins Company (See our ad on page 31)

BRICK

Borden Brick & Tile Company (See our ad on page 20)

Brick & Tile Service (See our ad on back cover)

Boren Clay Products Company (See our ad on page 28)

BUILDER'S HARDWARE

Delph Hardware & Specialty Company

Charlotte, N. C., Raleigh, N. C., Columbia, S. C., Greenville, S. C.

CONCRETE

Portland Cement Association (See our ad on page 7)

CONCRETE MASONRY UNITS

N. C. Concrete Masonry Association (See our ad between pages 24 & 25)

Tidewater Concrete Block & Pipe Company (See our ad on page 24)

CONCRETE, PRECAST STRUCTURAL

Arnold Stone Company (See our ad on page 25) Reps.: Clyde Poovey, Ed Wilson P. O. Box 3346, Greensboro

CONCRETE FACINGS, PRECAST

Dixie Concrete Products (See our ad on page 22)

Omnia Precast Floor & Roof Systems, Reps.: Jim Forkmer, Terry Blankinship 3300 Liberty St., Winston-Salem

Mabie-Bell Company (See our ad on page 25)

CONTRACTORS, GENERAL

Associated General Contractors of America, Inc. (See our ad on page 26)

McDevitt & Street Company (See our ad on page 25)

ELEVATORS

Southern Elevator Company (See our ad on page 20)

INTERIOR FURNISHINGS

Southern Desk Company (See our ad on page 6)

SOIL BORINGS

Ezra Meir & Associates (See our ad on page 30)

STEEL, STRUCTURAL

Dewey Bros., Incorporated (See our ad on page 22)

TILE. CERAMIC

Renfrow Distributing Company (See our ad on page 30)

TILE, STRUCTURAL

Arketex Ceramic Corporation (See our ad on page 22)

WINDOWS

Binning's, Incorporated (See our ad on page 20)

Miami Window Corporation (See our ad on page 2)

RENFROW DISTRIBUTORS...



- · suntile exterior ceramic panels
- epoxy grout
- suntile research
- · custom suntile designs
- · new economical ceratile

RENFROW DISTRIBUTING COMPANY

1822 Sunnyside Ave. Charlotte, N. C.

Phone ED 4-6811

Ezra Meir & Associates

709 W. Johnson St.

Raleigh, N. C.

Phone TE 4-8441



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

Salisbury Lumber & Supply Company

MILLWORK



BUILDING MATERIALS

S. Main St. at City Limits Phone ME 6-5821 Salisbury, N. C.

CALENDAR OF EVENTS

JUNE 19, 26, JULY 2, 9, 16, 23: Architect's Guild of High Point Marguerite's Restaurant George C. Connor, Jr., AIA, President

JUNE 28: Eastern Council of Architects
Wilmington
Conrad Wessell, Jr., AIA, President

JULY 3: Durham Council of Architects, Harvey's Kenneth M. Scott, AIA, President

JULY 3: Charlotte Section of N. C. Chapter, AIA Stork Restaurant No. 2 Beverly L. Freeman, AIA, President

JULY 11: Raleigh Council of Architects Y.M.C.A. G. Milton Small, AIA, President

JULY 15: Deadline for material for August issue

JULY 18: Greensboro Registered
Architects, Maplehouse Restaurant
Carl F. Andrews, President

1963 HONOR AWARDS EXHIBITION

June—Charlotte
July—Hendersonville

NCAIA Executive Committee Meetings:

June 20; 8:00 p. m.: Highlands Country Club, Highlands, N. C.

1963

NCAIA SUMMER MEETING JUNE 20, 21, 22 HIGHLANDS COUNTRY CLUB

HIGHLANDS, N. C.



QUALITY METALWORK

Graceful design and careful workmanship combine to make this stair rail a feature of this gracious home.

Residence of Mr. and Mrs. Ralph C. Price, Greensboro, N. C.

Architect: Mott B. Schmidt, New York, New York

J.D.Wilkins Co.



How up-to-date are you on Brick Paving?

Architects, contractors, landscaping experts and property owners are rediscovering the beauty, permanence and versatility of brick paving. They appreciate the speed, economy and soundness of installation without mortar. They find brick paving provides fresh ideas, versatility and charm in planning new construction or remodeling. Brick pavers offer durable, handsome patterns

and shapes for terraces, walks, patios, promenades, walls, arbors and dozens of other practical and decorative uses. There are exciting applications for homes, clubs, schools, hospitals, institutions and business buildings or surroundings. Use our free advisory service or aid on any specific problem. For further information about special paying brick, contact your brick supplier.

- no mortar needed
- easy to install
- permanent
- ▶ beautiful
- economical
- ✓ versatile

J. AUBREY KIRBY, AIA 454 Archer Road BRICK AND TILE SERVICE, INC. BOX 6305 GREENSBORO, N. C. PHONE 273-5566