

SOUTHERN ARCHITECT



PUBLISHED BY THE NORTH CAROLINA CHAPTER, AMERICAN INSTITUTE OF ARCHITECTS

MAY 1962

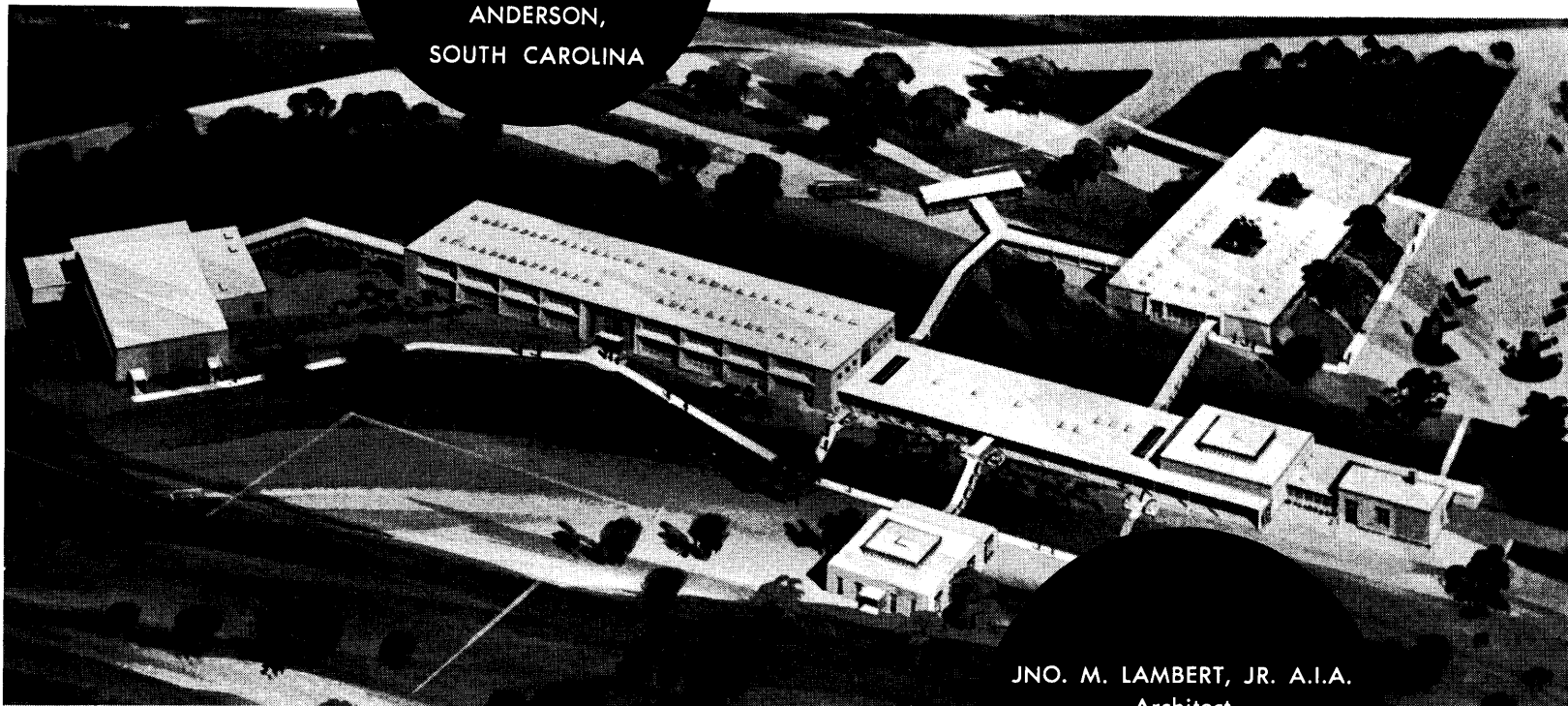
CITY
COUNTY
STATE

OFFICE BUILDINGS FOR GOVERNMENT



HANNA HIGH SCHOOL FOR GIRLS

ANDERSON,
SOUTH CAROLINA



JNO. M. LAMBERT, JR. A.I.A.
Architect

HARPERS BUILDERS, INC.
Contractors

Accepted by the American Association of School Administrators for 1962 School Building Architectural Exhibit. Hanna High School is the end product of the newest construction techniques . . . the finest building materials . . . the specialized skills of an architect who numbers many outstanding educational projects to his credit.

Solite Lightweight Structural Concrete And Masonry Units Prominently Featured. As in so many outstanding projects, Solite was used extensively throughout. Solite masonry units, backing up exterior walls, were left exposed inside. Solite structural concrete was used in pre-cast roof deck and in Flexicore floor slabs with structural concrete topping.

Solite Accomplishes Multiple Objectives. The use of Solite lightweight structural concrete reduced deadweight by approximately 895 tons—thus effected substantial savings in materials, time, labor. Besides reducing costs, Solite provided extremely high acoustical, fire resistance, stability and insulation properties. Another example of Solite versatility—as it fills the **multiple needs** of modern school construction.

SOLITE

CORPORATION

OFFICES:

RICHMOND, VA.
CHARLOTTE, N.C.
JACKSONVILLE, FLA.

PLANTS:

BREMO BLUFF, VA.
LEAKSVILLE JUNCTION, VA.
AQUADALE, N.C.
GREEN COVE SPRINGS, FLA.

REMEMBER

BETTER BUILDING starts with your architect. Their skill and experience will save you time and money—assure you a building that is professionally designed for your lasting satisfaction.

SOUTHERN ARCHITECT



CONTENTS

President's Message	4
Municipal Building, Raleigh	6 & 7
Honor Award — County Office Building Charlotte	8, 9, 10 & 11
Surplus Property Office Building	12
Personality of the Month	13
AGC Foundation	15
NCAIA Summer Meeting Program	17
Architects & Builders in the News	19
Directory of Salesman's Products	21
Calendar of Events	22

COMMITTEE ON PUBLICATIONS

JAMES P. MILAM, AIA, CHAIRMAN	RALEIGH
EDWARD E. ALDRICH, AIA	ASHEVILLE
JOSEPH N. BOAZ, AIA	RALEIGH
CHARLES H. BONEY, AIA	WILMINGTON
JAMES L. BRANDT, AIA	RALEIGH
WILLIAM W. DODGE III, AIA	RALEIGH
CECIL D. ELLIOTT, AIA	RALEIGH
RAYMOND FUSON, AIA	NEW BERN
L. P. HOLLAND, JR., AIA	SHELBY
PAUL H. MCARTHUR, JR., AIA	FAYETTEVILLE
ROBERT G. MILLER, AIA	CHARLOTTE
JACK M. PRUDEN, AIA	DURHAM
WILLIAM M. WEBER, AIA	RALEIGH
JOHN F. WICKER, AIA	GREENSBORO
J. B. WIGGINS	RALEIGH

IN CHARGE THIS ISSUE
JAMES L. BRANDT, AIA

NORTH CAROLINA CHAPTER THE AMERICAN INSTITUTE OF ARCHITECTS

ALBERT L. HASKINS, JR., AIA	PRESIDENT
ARTHUR C. JENKINS, JR., AIA	VICE-PRES.
FRED W. BUTNER, JR., AIA	SECRETARY
S. SCOTT FERELEE, JR., AIA	TREASURER
ROBERT L. CLEMMER, AIA	DIRECTOR
ARCHIE R. DAVIS, AIA	DIRECTOR
WILLIAM R. JAMES, JR., AIA	DIRECTOR
LOUISE HALL, AIA	ARCHIVIST
R. MAYNE ALBRIGHT	ATTORNEY
BETTY W. SILVER	EXECUTIVE SECRETARY

SOUTHERN ARCHITECT IS PUBLISHED BY THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS, BETTY W. SILVER, EXECUTIVE SECRETARY, POST OFFICE BOX 666, 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.

MAY 1962
VOLUME 9
NUMBER 5



"No doubt it may have occurred to you that millions of physically handicapped and older persons are *effectively barred* from the use of buildings and other structures by built-in barriers of steps, narrow doorways, inaccessible restrooms, out of reach wash basins and drinking fountains, and by other obstacles." This quote was taken from a letter from Major General Melvin J. Maas, Chairman of the President's Committee on Employment of the Physically Handicapped.

Approximately one out of seven people in our nation has a permanent physical disability. This segment of our population represents human resources of inestimable value and is of great economic significance to the entire nation.

The most common design and construction of buildings and facilities cause problems for the physically handicapped that lessen the social and economic gains now evident in the rehabilitation of these individuals. These architectural barriers make it very difficult to project the physically handicapped into normal situations of education, recreation, and employment.

Having been privileged recently to attend a regional conference of the aging sponsored by the American Medical Association, and having been involved in the actual design of a Home for the Aging, I have become greatly concerned about our elder citizens in our public buildings. Only last week it was necessary that I accompany a friend into a public institution constructed recently and operated by the Federal Government. This friend had recently had a crippling accident making it difficult to ascend even the slightest steps. Since there was no handrail it would have been necessary for him to get down on hands and knees to climb the five steps involved if I had not been along. Persons like this crave independence the same as you and I.

In this day of modern medicine, surgery, and rehabilitation programs, we are finding public places and buildings being used more and more by those who in former days were considered invalids, wards of society, but who are today ready to fulfill their responsibilities as citizens. But this in general has not been made any easier by the majority of our present day buildings. There are barriers of thoughtlessness such as: imposing flights of stairs that a man or woman in a wheelchair, or wearing braces, or with a heart condition, could not possibly climb; restrooms with facilities not suitable for wheelchairs; telephone booths too narrow for a wheelchair to enter; telephones with no amplifying device for the deaf; hazardous doorways leading to boiler room, incinerator, or the like with no sense-of-touch markings for the blind. Cannot we, who are responsible for such buildings, the owners and the architects, take into consideration the needs of our handicapped citizens? Have you ever stopped to think that a building can be just as polite, and considerate of and gracious to its guests as any considerate individual?

A set of building standards were drafted under the auspices of the American Standard Association — blueprints how these barriers can be removed or minimized to make buildings and other structures fully accessible to all for purpose of obtaining an education, engaging in employment, in business and customer calls, in recreation and worship.

A building should be a pleasant experience to those who use it, helpful to those it serves, and an humble and gracious host to those within its boundaries so that those individuals with permanent physical disabilities might pursue their interests and aspirations, develop their talents, and exercise their skills.

President, N. C. Chapter, A.I.A.

CITY
COUNTY
STATE

With the growth of governmental services on every level — local, state and federal — a parallel growth has taken place in the problem of housing the personnel needed to provide these services. These problems may vary from the complete replacement and enlargement of the city hall functions of a municipal building to the addition of office space for a county — to the permanent housing of a state agency. On the following pages, SOUTHERN ARCHITECT presents three solutions of these problems in North Carolina.

OFFICE BUILDINGS FOR GOVERNMENT

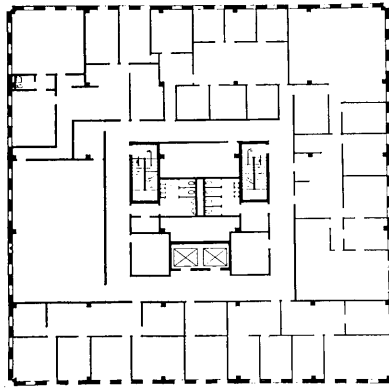


architects-engineers

G. MILTON SMALL & ASSOCIATES

raleigh

RALEIGH MUNICIPAL BUILDING



This 60,000 square foot, four floor and basement structure will provide a centralized headquarters for previously widely scattered units of this complex and growing municipal government. The new municipal building was planned after an exhaustive study of departmental functions and inter-relationships, and includes one unoccupied floor for immediately foreseeable expansion, as well as structural provision for eventual addition of two more floors. Environment conducive to efficient and pleasant working conditions was an important requirement, met by including year-round multi-zoned air-conditioning and provision of a high level of lighting throughout working areas.

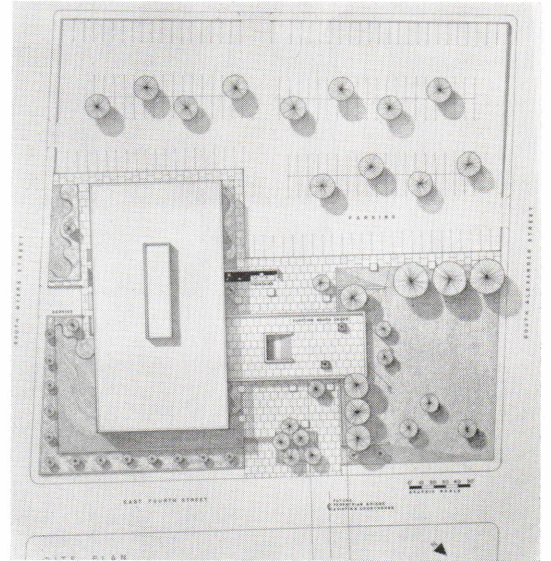
The frame consists of fire proofed structural steel columns and beams with reinforced concrete pan and joist slabs. The exterior consists of an aluminum curtain wall grid with alternating dark brown brick panels and gray solar glass, which extend from the first floor ceiling to the roof cornice. The first floor walls are set 4'-9" inside the facades above, and here the brick panels are dark blue-gray glazed brick. The penthouses and cooling towers are enclosed in an enameled metal screen.

Public access is provided on two levels on the McDowell Street side of the building. Entrance to the second level and all municipal departments is by means of a pedestrian bridge a half flight of stairs above the sidewalk. Entrance to the First Level, Police Department and City Court is below the pedestrian bridge which thus forms a protective auto unloading area. In addition, a drive-in window for payment of utility bills and traffic fines is provided along the drive leading to the first level entrance.

Interior finish includes terrazzo floors in public lobbies and corridors and asphalt tile in all office areas. Toilets have ceramic tile floors and wainscot with plaster walls and ceilings. Plaster and panelling occur in the City Council Chamber and Courtrooms and in a limited area of the public corridors; however, all other partitions are painted concrete masonry units. Ceilings are generally mineral acoustical tile on an exposed one way tee suspension system which conforms to the building module of 3'-2". Recessed fluorescent lighting fixtures also conform to this module and are supported by the ceiling suspension.

The heating and air conditioning system consists of a gas fired generator supplying hot water thru a convector, and a centrifugal chiller supplying water to a high velocity air handling unit for the interior areas of the building and to a zoned circulating pump system for the fan-coil window units around the perimeter of the building.





NCAIA

HONOR AWARD

1962



OWNER'S SPECIAL PROGRAM REQUIREMENTS

The need for more courtroom space in the County Courthouse Building, of classical design, and the wish to consolidate county agencies housed in various neighborhood buildings prompted the bond issue for the new County Office Building which houses the Welfare Departments, the Elections Board (Ground Floor), County Tax and Administrative Offices (Main Floor), Juvenile and Domestic Relations facilities (Third Floor) and County Board of Education Offices (Fourth Floor). The Basement contains mechanical equipment and storage areas. This building is the first of a civic group planned for an area now occupied by sub-standard dwellings and its relationship to future Governmental structures must be considered. Consideration of the access to the building from the old Courthouse as well as from the new parking lot was also a factor.

MATERIALS

In order to give the Courthouse and the Office Building a feeling of unity, the new building, it was felt, should be of reinforced concrete and designed to reflect the masonry quality, symmetry, and repose of its partner.

Precast exposed aggregate panels were selected to match the color of the existing Courthouse building. Heat-absorbing gray glass and porcelain enamel panels are used in the aluminum-framed curtain wall. Floors are terrazzo or ceramic tile throughout with the exception of the basement area.

Partitions outside the mechanical core are glass and steel and are of the movable type. The ceilings are perforated metal acoustical panels.

MECHANICAL SYSTEMS

Primary heating and cooling of the building is accomplished by the use of a radiant ceiling. This ceiling is composed of perforated metal pans supported by a pipe system containing circulating hot or cold water. Supplementary heating and cooling for the purposes of ventilation and humidity control is accomplished by introducing air from a central air handling unit on each floor. Radiant ceiling panels can heat or cool individual zones as required. Panel and air temperatures are read from a central temperature console.

Lighting is primarily recessed fluorescent with some recessed incandescent lights used as accents.

UNUSUAL CONDITIONS OF SITE OR PROBLEM

After preliminary studies it was decided to place the new offices on the block to the rear of the Courthouse. Design treatment is such that a future connecting pedestrian mall, spanning heavily trafficked Fourth Street, can be easily accommodated. This connecting link is one of the long range objectives of the local Planning Commission.

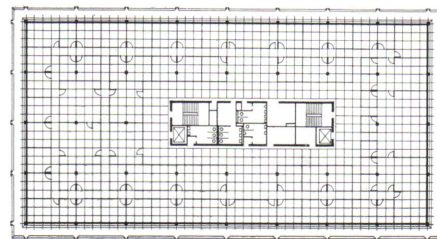
The building is placed perpendicular to the County Courthouse so that both the new building and the Courthouse will face the proposed plaza and group of Civic Buildings. To reduce traffic and noise within the building and to facilitate access to each floor from the Courthouse and the parking lot an elevator was installed at each end adjacent to the required stair walls.

MECKLENBURG COUNTY OFFICE BUILDING

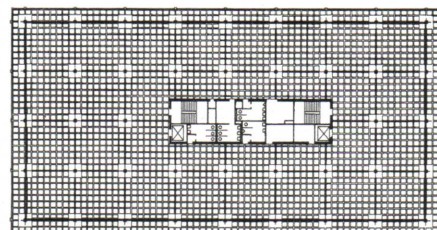
architects

SLOAN & WHEATLEY

charles h. wheatley, aia,
partner-in-charge
charlotte



TYPICAL FLOOR WITH MOVABLE-PARTITION PLANNING GRID



TYPICAL PLAN WITH REFLECTED STRUCTURAL GRID



NCAIA

HONOR AWARD

1962

TECHNICAL DATA

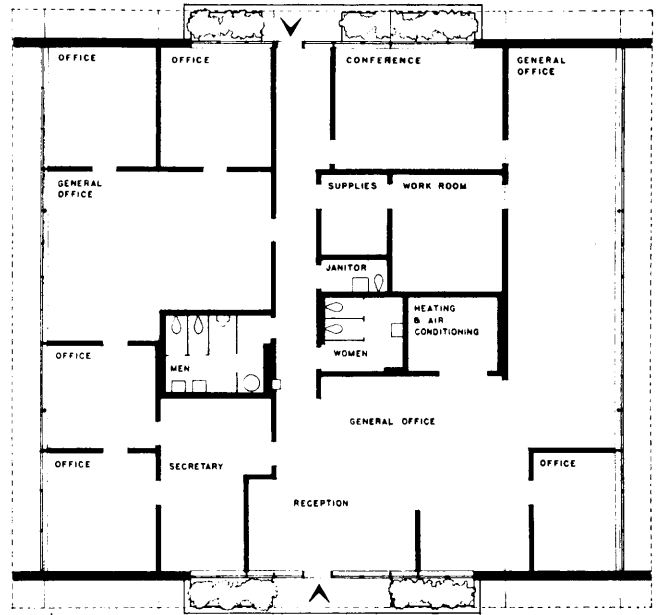
The building's structure is poured-in-place reinforced concrete. The coffered, 2-way ribbed slab proved to be the most economical (\$2.75/sq. ft.) of all the structural systems considered. The reinforced concrete core is fluted by use of Vee beam roof deck, in lieu of plywood for forming, to give a feeling of vertical penetration of the core through the building. The core, in addition to clustering the required services, includes all the permanent partitions on the upper floors leaving unobstructed space for the arrangement of all movable steel and glass partitions, some of which extend to the suspended ceiling and some of which do not, thereby helping to modulate the interior space, which by the necessities of the program must be divided into many small rooms. In addition, the reinforced core makes possible a decreased slab depth in the critical mechanical space where fan-coil units on each floor supply the radiant heating and cooling ceiling system through duct work.



**MECKLENBURG COUNTY
OFFICE BUILDING**

architects
SLOAN & WHEATLEY
charles h. wheatley, aia,
partner-in-charge
charlotte





FLOOR PLAN
0 5 10 15

architects

JESSE M. PAGE & ASSOCIATES
raleigh

office building for

**FEDERAL SURPLUS PROPERTY
DIVISION**
state of north carolina

The Federal Surplus Property Division of the Department of Administration is the Agency responsible for the warehousing and distribution of surplus Government property to non-profit institutions located in North Carolina. This building is designed to provide office facilities at the site of the main warehousing installation and to replace inadequate quarters located elsewhere.

The building is constructed of wood deck and laminated wood beams exposed, supported on steel columns and exterior masonry walls. Interior partitions are concrete masonry or frame with gypsum board surfaces. Floors are resilient tile except ceramic tile in the toilets.

The building, occupied in 1961, is air conditioned and contains approximately 4,600 square feet.





PERSONALITY

ROBERT G. B. BOURNE

The present President of the Professional Engineers of North Carolina is well qualified for this position having been engaged in the engineering profession most of his life.

Born in Philadelphia, a graduate of North Carolina State College in Mechanical Engineering, Bob Bourne began his professional career as a student engineer in the Metallurgical Coke and By-Products plant of Tennessee Coal, Iron & Railroad Company of Birmingham, Alabama. When he left the Tennessee Company to enter active duty with the U. S. Army Corps of Engineers he was a Testing Engineer. After service which included overseas duty he retained his commission in the active reserves and was Engineer Branch Director USAR School in Raleigh from 1954 to 1961. Currently he is a Lt. Col., C. E., USAR (Retired).

Mr. Bourne is a past president of the Raleigh Engineers Club, past president of Central Carolina Chapter PENC, past secretary Birmingham, Alabama Section ASME. He is also active in the American Congress of Surveying and Mapping, North Carolina Society of Engineers, and PENC-NSPE. Mr. Bourne served as vice-chairman of the Commission for Study of the Uniform Map Law, appointed by Governor Hodges. He was vice president of PENC in 1961.

Mr. Bourne entered employment of the State of North Carolina in 1946 as Assistant Engineer of the Budget Bureau. He is currently consulting engineer, Property Control and Construction Division, Department of Administration, State of North Carolina.

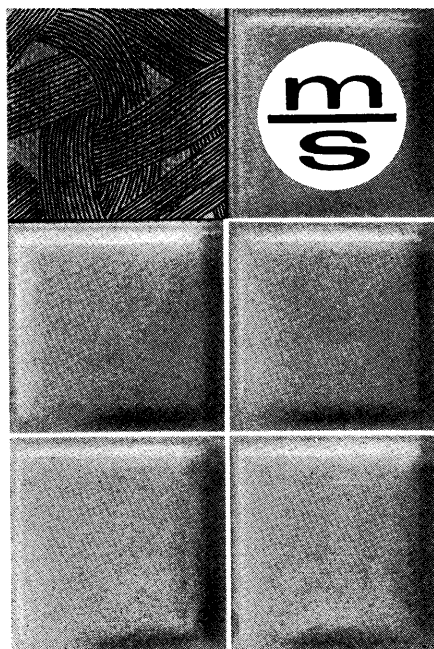
Mr. Bourne's wife is the former Miss Mary O'Neal Branch and their three children are students — one at Woman's College, one at N. C. State and one at Needham Broughton High School. He is a member of Pullen Memorial Baptist Church and Sir Walter Lions Club, Raleigh.

As a "Tar Heel" by adoption, Bob Bourne has put his stamp on many professional and civic organizations in North Carolina.

mid-state tile co.

Architects and tile contractors throughout the East are benefiting from Mid-State's extensive line of ceramic tiles which are manufactured to the most rigid of quality standards. Orders are taken from stock and delivered in record time. Economical too! To learn how you can benefit, write or call today!

P.O. BOX 169 • LEXINGTON, N. C.



Delph

HARDWARE & SPECIALTY COMPANY

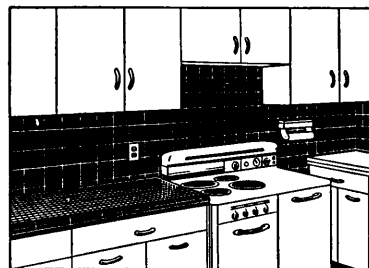


MATERIAL SUPPLIERS



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

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 Sunnyside Avenue
Telephone ED 4-6811
CHARLOTTE, N. C.

AUTOCLAVED

For Wall's
of
Stability



For Wall's
of
Fashion

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

ETOWAH BRICK

IN

- ◆ Red Face
- ◆ Buff Face
- ◆ Colonial Sand Finish Red
- ◆ Colonial Sand Finish Sea Island Pink
- ◆ Colonial Sand Finish Peach Blossom

THE MOLAND-DRYSDALE CORP.
HENDERSONVILLE, N. C. TEL. OX 3-6561

CONSTRUCTION EDUCATION FOUNDATION

WILL PROVIDE

TRAINED MANPOWER FOR CONSTRUCTION INDUSTRY

The shortage of skilled men at all levels in the construction industry has caused a group of leaders in North Carolina's industry to take an important step toward meeting the problem.

With the sponsorship of Carolinas Branch, Associated General Contractors of America, Inc., they have formed the Construction Education Foundation of North Carolina, a non-profit corporation which is already "in business" and is making itself known all over the state.

H. S. Crain, president of Crain and Denbo, Inc., of Durham, is president of the Foundation. Rex H. Wheatley, president of R. H. Wheatley Company, Inc., of Charlotte, is vice president, and Beaumert Whitton, president of Southeastern Construction Company, Charlotte, is treasurer. These men, with D. N. Alexander, vice president of Borden Brick and Tile Company of Goldsboro, form the board of directors. It has headquarters at 222 Builders Building, Charlotte.

Architects, as well as contractors, are familiar with the growing need for more well trained men in construction. While it is not their responsibility to have an efficient force of workmen on a job, they suffer in prestige and can very easily be placed in an unfavorable position if their plans for projects are not carried through by men who are qualified for the positions they hold in the organization of the contractor who has the task of transforming the architect's ideas into concrete form. Therefore, North Carolina architects will certainly be interested in the Foundation and its purposes.

The Foundation was created to receive and administer funds for scientific and educational purposes. The areas in which it hopes to promote its objectives include: pre-apprentice training in high schools; participation in career days and other activities to promote interest in construction careers among young men in high school; recruitment of young men for apprentice training and training as technicians in the construction industry; support of existing apprentice training programs and assistance in establishing new ones where they are needed; assistance in establishment and maintenance of classes designed for the upgrading of mechanics in their construction skills; assistance in conducting in the schools classes in related training, such as

blueprint reading, estimating, layout work, and other skills; assistance in establishing and maintaining courses in technical schools for those who wish to become technicians — such as estimators, field instrument and layout men, and field office managers; promotional work to encourage students at the college level to take construction and engineering courses to prepare them for construction careers; and establishment of scholarships in construction curricula in colleges to help train those who want to learn to be contractors or to hold other executive jobs in the industry.

The Foundation has prepared literature which is being distributed to interested companies, organizations, and individuals, and is also conducting a broad program of calls on members of the industry, speeches to various groups, and other activities designed to inform the people who are most concerned with the problem of an adequate supply of skilled manpower of ways in which they can help to attract more of the right kind of young men to the industry and prepare them for careers in building. C. M. Albright, assistant secretary of the J. A. Jones Construction Co., Charlotte, heads a committee charged with this responsibility.

As Mr. Crain explains, the Foundation is a means for attacking the whole problem of construction education on a scope that has not been dreamed of before. This, he declares, is necessary if the efforts are to be effective. With North Carolina's rapidly expanding economy and with the unprecedented demands which are going to be made on the construction industry in the next decade, much is at stake in this matter of manpower. The public is going to need a great volume of building and must depend upon the construction industry to produce it. Only through building up an ample force of skilled mechanics, technicians, and professional men can the industry meet its responsibility. Through the efforts of the Construction Education Foundation, those who are concerned about the problem feel that it can be met and that the people of North Carolina will be able to get their building done in excellent quality and at reasonable cost even though they need schools, churches, homes, industrial plants, commercial structures, bridges, public buildings, utilities facilities, roads, and other construction in record volume.

Complete Freedom in Design with **MOUNT AIRY GRANITE**

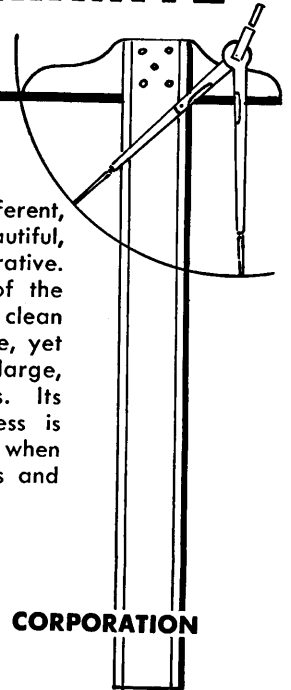
Visible Beauty of
polished finish . . .
equally effective in
classical or modern
architecture.

Enduring Dignity and
permanence of 6-cut
finish . . . assures
many maintenance-
free years.

Distinctively different,
Mount Airy Granite is beautiful,
functional and decorative.
The uniform texture of the
stones preserves the clean
lines of the structure, yet
gives added interest of large,
plain surfaces. Its
versatile effectiveness is
further emphasized when
used for facing corridors and
elevator entrances.

Write for complete information
and samples, today.

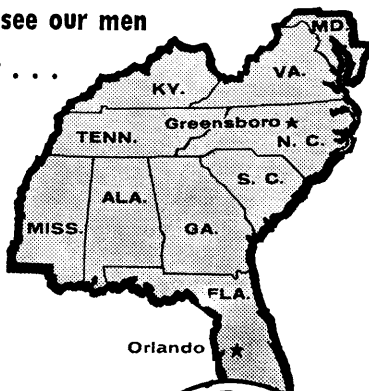
NORTH CAROLINA GRANITE CORPORATION
Mount Airy, North Carolina



Wherever you see our men
and equipment . . .

**THERE
IS
PROGRESS!**

Builders for:
**INDUSTRY
COMMERCE
EDUCATION
DEFENSE
HEALTH**



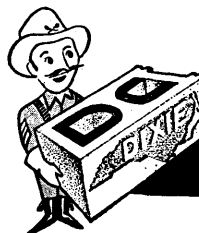
GREENSBORO, N. C. • ORLANDO, FLA.

Announcing

EXPOSÁIC

Precast Aggregate Panels

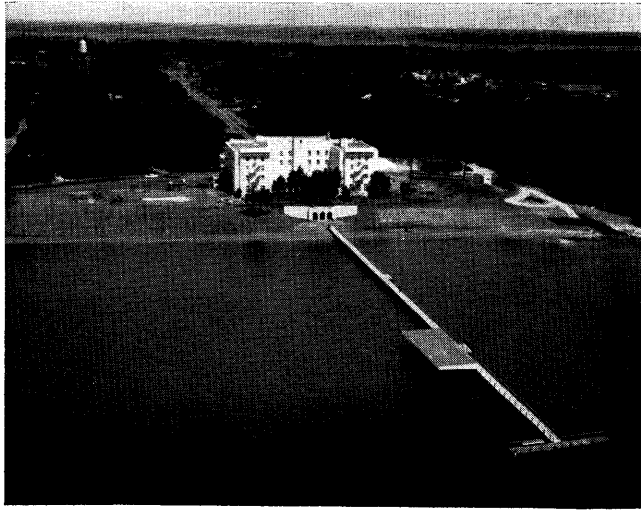
By



DIXIE CONCRETE
PRODUCTS, INC.

3300 N. Liberty St.

Winston-Salem, N. C.



1962 NCAIA SUMMER MEETING MOREHEAD CITY

Sun, fun and frolic are in store for you at the exciting 1962 summer meeting JUNE 14, 15 and 16. Mr. H. J. Williamson, Manager of the Biltmore Motor Hotel has promised the red carpet treatment for our meeting and many entertainments have been planned for your enjoyment.

The facilities of the delightful Coral Bay Club at Atlantic Beach will be open for our members and guests on Thursday and Friday for both ocean and pool and sunbathing. Thursday afternoon, the group will be entertained at a social hour at the Coral Bay Club and on Friday a social hour, banquet and dance will be held there. Formal dress will be optional for the Friday evening festivities. Saturday morning will feature a breakfast at the Biltmore. A social hour, fish fry supper and dance are scheduled for Saturday evening's entertainment. Of course, all the usual beach recreational facilities will be available at all times — swimming, fishing, boating, water skiing, also golf and horseback riding may be enjoyed by those desiring such. Prizes will be awarded on Saturday night for the fishing contest which will be in progress during the entire meeting. Of course, children are welcome and there will be baby-sitters available.

An Executive Committee Meeting is planned for Thursday, June 14. All AIA members are invited to attend — so if you have something to get off your chest, be there. Friday morning's meeting will be devoted to reports on the National Convention held in Dallas, Texas, May 7-11. Many important issues are being discussed at the national level which will affect the individual architect. Don't miss this important and informative report. Saturday morning a representative of the Carolinas Branch of the Associated General Contractors of America will be on hand to explain the Construction Education Foundation.

With a program designed to suit tastes for educational, recreational and social activities, AIA members are urged to attend. Don't forget

JUNE 14, 15 AND 16.

BUILD AND ENJOY YOUR OWN BEACH HOME AT

PINE KNOLL SHORES

A SUB-DIVISION OF THEODORE ROOSEVELT FAMILY PROPERTY

ON BOGUE BANKS OFF MOREHEAD CITY, N. C.

FINEST COASTAL HOMESITES IN THE CAROLINAS

This is the ideal spot for year 'round enjoyment, active or relaxed—wonderful opportunities for boating, golf, fishing, beachcombing. Ocean and Sound frontage still available. Every lot within walking distance of both the Ocean and the Sound. Heavy woods growth and unusual elevation provide maximum protection against storm damage. Modern utilities available, paved roads; year 'round golf course, airport, and city facilities nearby. See the nice homes already built, others under construction. **NEW SECTION NOW OPEN.** Buy now while prices are still low, build soon—enjoy wonderful week-end, summer or retirement living as your investment grows in Carolina's nicest beach

colony. Roomy lots, uncrowded and unspoiled. Small amount down, low monthly payments.

DIRECTIONS:
From Morehead City, take the Causeway to Atlantic Beach, turn right on Salter Path Road, pass the Coral Bay Club—there's Pine Knoll Shores!

**PINE KNOLL SHORES, Dept. SA-52D
Morehead City, N. C.**

Please send the descriptive folder soon.

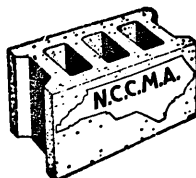
NAME _____
(please print)

ADDRESS _____

CITY, STATE _____

VISIT US SOON OR SEND COUPON TODAY FOR FREE FOLDER

THE
SIGN



OF
QUALITY

MEMBERS OF NCCMA ARE DEDICATED TO THE
PRODUCTION OF QUALITY CONCRETE BLOCK

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 Wilmington
Dixie Concrete Products, Inc., 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, Inc., Raleigh
Reidsville Concrete & Specialties, Reidsville
Rockingham Block Company, Spray
Shelby Concrete Products, Inc., Shelby
Smith Concrete Products, Inc., Kinston
Southeastern Block & Tile, Inc., Albemarle
Southern Concrete Products, Inc., Rocky Mount
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
Triece's Concrete Plant, Kannapolis

TESTED by recognized independent laboratories

**NORTH CAROLINA CONCRETE
MASONRY ASSOCIATION**
715 W. Johnson St., Raleigh, N. C.

AFFILIATED WITH NATIONAL CONCRETE MASONRY ASSN.

STRUCTURAL

PRECAST & PRESTRESSED

CONCRETE

ARNOLD STONE CO.

P. O. Box 3346

Greensboro, N. C.

Phone 668-2427

For BRICK
and TILE

means

ISENHOUR

quality

Over 300 types, sizes and colors. Pink Colonial to Roman. Taylor buffs. Reds.

ISENHOUR

Salisbury, N.C.

Affiliate, TAYLOR Clay Products

ARCHITECTS and BUILDERS in the NEWS

THE SEATTLE CHAPTER

THE AMERICAN INSTITUTE OF ARCHITECTS, INC.

Chapter Office: 810 Central Building - Seattle 4 - MAIn 2-4938

Members of the North Carolina Chapter
The American Institute of Architects
P. O. Box 666
Raleigh, North Carolina
Attention: President Albert L. Haskins, Jr., AIA

Dear Architects:

WELCOME TO THE SEATTLE WORLD'S FAIR!

The Seattle Chapter, AIA, has a Hospitality and Information Center pavilion at the Fair, at the northeast corner of the Coliseum adjacent to the Canadian Exhibit Building.

When you're in Seattle we hope you'll call on us at the Center or contact our Chapter office, 810 Central Building, MAIn 2-4938. We would like to provide you with a list of architectural points of interest and other information to make your visit more enjoyable.

We look forward to seeing you.

Sincerely,
Hugo W. Osterman
President

DESIGN CRITIQUE RALEIGH

For seven weeks students at the School of Design are participating in a television series, "Design Critique Raleigh" under the direction of Professor Edward W. Waugh. WUNC-TV is carrying the program as follows:

April 20	OUTLINE AND DESCRIPTION OR
7:30 P.M.	PROJECT
April 27	INITIAL ATTACK
7:30 P.M.	
May 4	GENERAL SOLUTIONS
7:30 P.M.	
May 11	SPECIFIC SOLUTIONS
7:30 P.M.	
May 18	A REGIONAL SCHEME
7:30 P.M.	
May 25	FINANCIAL ASPECTS
7:30 P.M.	
June 1	POLITICAL IMPLICATIONS
7:30 P.M.	

These discussions should be of distinct interest to those interested in community planning.

OPENS OFFICE

William W. Dodge III announces the opening of his new office for the practice of architecture at 611 Tucker Street, Raleigh, under the name of William W. Dodge III, AIA, Architect.

HOSPITAL DESIGN WINS AWARD

A. G. Odell, Jr. and Associates was winner of the second prize in a national competition for design of a \$15½ million psychiatric hospital for federal prisoners. Eight leading hospital architects were invited to take part in the competition, their selection based on competence they had shown in solving unusual architectural problems. Mr. Odell's firm qualified because of the "scope and excellence of design" of the recently opened addition to Charlotte Memorial Hospital. A. L. Aydelott and Associates of Memphis, Tenn. were awarded first prize. Other architects competing were from Detroit, New York, St. Louis, Jacksonville, Fla., New Orleans and Atlanta. The proposed hospital is planned for a site in the Southeast which has not yet been selected.

ATTEND CONVENTION

The following members of the North Carolina Chapter of AIA attended the National Convention in Dallas, May 7-11: Albert L. Haskins, Jr., Henry L. Kamphoefner, Charles M. Sappenfield, Charles H. Kahn, all of Raleigh; Arthur C. Jenkins, Fayetteville, John E. Ramsay, Salisbury, and A. G. Odell, Jr., Charlotte.



Mr. Strut Says

"UNISTRUT!"

THE ULTIMATE IN METAL
FRAMING

CONCRETE INSERTS

ULTRA CLEAN ROOMS

MOVABLE PARTITIONS

DATA PROCESS FLOORS

CONDUIT & PIPE SUPPORTS

CABLE TRAY

TUNNEL STAUNCHIONS

EQUIPMENT SUPPORTS"

FOR INFORMATION
CALL

Mill-Power Supply Co.

WHOLESALE DEPT.

300 WEST FIRST STREET
CHARLOTTE, N. C.

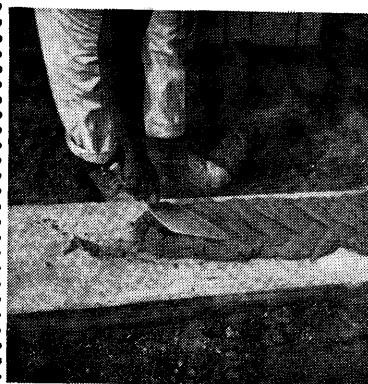
375-5761

TWX CE387

Sure way to better masonry... modern masonry cement

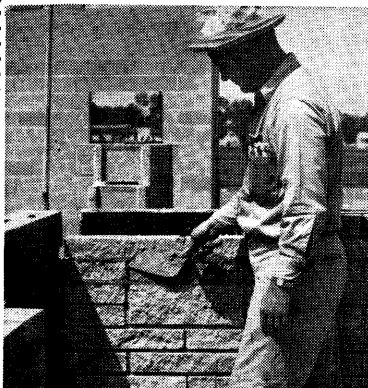
Everything except the sand and water comes in one bag. A quality-controlled blend of materials, masonry cement does away with guesswork... gives uniformly high quality mortar every time.

Gives smooth, workable mortar.—Masonry cement makes a "fat" mortar that works easily under the trowel. Easy buttering. Leaves trowel clean—keeps walls clean. And excellent sand-carrying capacity gives maximum yield, big or little batches.



Stays plastic longer. Plenty of time to place and position units carefully—yet mortar made with masonry cement has good body to prevent squeeze-out and settlement. Requires less retempering. And its uniform color helps make better looking walls.

Holds water better for stronger bond. Masonry cement mortar retains high percentage of mixing water—even with porous masonry units. Gives up moisture slowly for better curing, good bond strength. You're sure of tight, water-repellent joints, durable walls. Write for free literature on masonry cement mortars, distributed only in the U.S. and Canada.



PORTLAND CEMENT ASSOCIATION

1401 State Planters Bldg., Richmond 19, Va.

A national organization to improve and extend the uses of portland cement and concrete

Write or call us for literature

On Frederic Blank Co.'s
Newest Vinyl wall covering.
Just think! Always spotless walls.

BOST BUILDING EQUIPMENT CO.

FLOOR AND ACOUSTICAL CONTRACTORS

912 E. 4th St., Charlotte, N. C. Phone ED 3-0321

Newest floors, walls, acoustical
sanitary ornamental ceilings.
Folding Doors and Partitions.
Standard and Synthetic Carpets.
Come see 4 types of steel or wood
kitchens to make modern decisions.

- Industrial
- Institutional
- Commercial



DICKERSON, Inc.

General Contractors

AT 3-3111

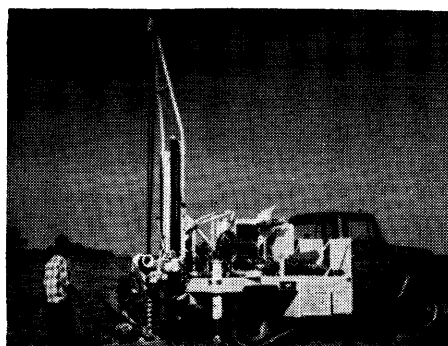
Monroe, N. C.

Ezra Meir & Associates

709 W. Johnson St.

Raleigh, N. C.

Phone TE 4-8441



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



ARCHITECTURAL STONE

THE MABIE-BELL COMPANY

P. O. Box 1558 - Phone CY 9-6122 - Greensboro, N. C.

ACOUSTICAL CONTRACTORS

Bost Building Equipment Company
(See our ad on page 20)

Floor and Acoustical Contractors
P. O. Box 4033, Charlotte 4

ARCHITECTURAL METALS

J. D. Wilkins Company
(See our ad on page 22)

BEACH HOMESITES

Pine Knoll Shores
(See our ad on page 18)

BRICK

Borden Brick & Tile Company
(See our ad on page 22)

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

Isenhour Brick & Tile Co., Inc.
(See our ad on page 18)

Moland-Drysdale Corporation
(See our ad on page 14)

Sanford Brick & Tile Co.
(See our ad on page 23)

BUILDER'S HARDWARE

Delph Hardware & Specialty Company
(See our ad on page 14)
Charlotte, N. C., Raleigh, N. C., Columbia, S. C.,
Greenville, S. C.

BUILDING MATERIALS

N. C. Granite Corporation
(See our ad on page 16)

CONCRETE

Portland Cement Association
(See our ad on page 20)

CONCRETE MASONRY UNITS

N. C. Concrete Masonry Association
(See our ad on page 18)
Smith Concrete Products, Inc.
(See our ad on page 14)

CONCRETE, PRECAST STRUCTURAL

Arnold Stone Company
(See our ad on page 18)
Reps.: Clyde Poovey, Ed Wilson
P. O. Box 3346, Greensboro

Solite Corporation
(See our ad on page 2)

CONCRETE FACINGS, PRECAST

Dixie Concrete Products
(See our ad on page 16)
Omnia Precast Floor & Roof Systems,
Reps.: Jim Forkner, Terry Blankinship
3300 Liberty St., Winston-Salem

Mabie-Bell Company
(See our ad on page 20)

CONTRACTORS, GENERAL

H. L. Coble Construction Company
(See our ad on page 16)

Dickerson, Incorporated
(See our ad on page 20)

McDevitt & Street Company
(See our ad on page 22)

ELECTRICAL SERVICES

Carolina Power & Light Company
(See our ad on page 23)

ELECTRICAL SUPPLIES & EQUIPMENT

Mill-Power Supply Company
(See our ad on page 19)

SOIL BORINGS

Ezra Meir & Associates
(See our ad on page 20)

TILE, CERAMIC

Mid-State Tile Company
(See our ad on page 14)
Renfrow Distributing Company
(See our ad on page 14)

For beauty and permanence . . .

BORDEN

FACE BRICK

BUILDING BRICK

STRUCTURAL TILE

DRAIN TILE



GOLDSBORO

RE 4-3771

DURHAM

SANFORD

Mc Devitt & Street Company

GENERAL CONTRACTORS

145 Remount Road

Charlotte, North Carolina



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

J. D. WILKINS Co.
MANUFACTURERS
Architectural Metal
W. LEE ST. AT GLENWOOD AVE.
GREENSBORO, N.C.

CALENDAR OF EVENTS

MAY 16, 23, 30, JUNE 6, 13: Architect's
Guild of High Point,
Marguerite's Restaurant
George C. Connor, Jr., AIA, President

MAY 17, 24, 31, JUNE 7: Greensboro
Registered Architects,
Maplehouse Restaurant
Jesse B. Owens, Jr., President

MAY 21: Producers' Council—Barringer Hotel,
Charlotte
L. E. Atkins, Jr., President

JUNE 1: Deadline for material for July issue.

JUNE 6: Charlotte Council of Architects,
Stork Restaurant No. 2
J. Norman Pease, Jr., AIA, President

JUNE 6: Durham Council of Architects,
Harvey's
Robert W. Carr, AIA, President

JUNE 7: Raleigh Council of Architects, Holiday Inn
William W. Dodge III, AIA, President

JUNE 14-16: NCAIA Summer Meeting
Biltmore Motor Hotel, Morehead City

JUNE 21: Winston-Salem Council of Architects,
Y.W.C.A.
Cyrill H. Pfohl, AIA, President

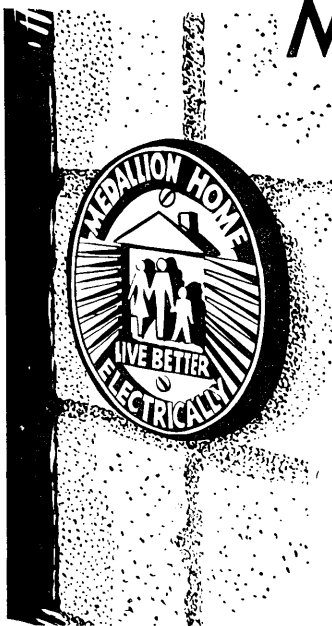
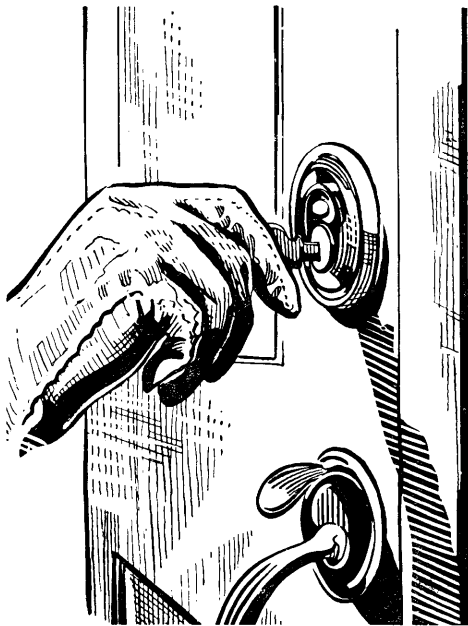
MAKE YOUR RESERVATIONS

NCAIA
SUMMER MEETING

June 14, 15, 16

BILTMORE MOTOR HOTEL
Morehead City

Enter into a TOTAL ELECTRIC MEDALLION HOME



*—where Electricity
does everything!*

ARCHITECTS! For full details,
just call your nearest Carolina
Power & Light Company rep-
resentative.

CAROLINA POWER & LIGHT COMPANY

An investor-owned, taxpaying, public utility company



We specify
SANFORD BRICK
for all our
*important
building jobs

(*such as
a new home . . . an office
building . . . a garden terrace
. . . large apartments . . . a
modern factory . . . an out-
door fireplace . . . a new patio
. . . a handsome school . . . an
enlarged garage—every build-
ing job is important enough for
genuine Sanford Brick.)

Smart builders specify
brick from the "Big S"
kilns for many good rea-
sons. There's a color, size
and texture in the Sanford
Brick line to meet every
need—with quality you can
depend on every time.



SANFORD BRICK and TILE CO.

COLON: NORTH CAROLINA





NEW FREE BOOK

shows 84 exciting ways to design with brick . . . creating new beauty of pattern, texture and form.

J. AUBREY KIRBY, AIA
454 Archer Road
Winston-Salem, NC 27106-5406

This handy reference book will amaze you with its many actual photographs showing the unlimited design patterns so easily achieved with brick. For homes, commercial structures, institutional buildings . . . here is a new guide to imaginative use of the world's most versatile building material. Before you plan any new building project, make sure you have a copy.

BRICK AND TILE SERVICE • GREENSBORO, NORTH CAROLINA

FOR YOUR FREE COPIES CONTACT YOUR BRICK SUPPLIER