NEW TREATMENT FOR PRE-CAST TREADS
STAIR RAIL MOUNTINGS WITH BUILT-IN STEEL ANCHOR ASSEMBLY

ABOVE TRIM AVAILABLE FOR ALL BLUMCRAFT POSTS
President's Message
Regional AIA Program Announced
Research Building—Research Triangle
Junior High School—Durham
Clemmer Re-elected NCAIA President
NCAIA Honor Awards Winners
Winning Residence—Chapel Hill
AIA Convention in San Francisco
15 N. C. Architects Registered
Directory of Salesmen's Products
SCAIA Elects Blackwell
Advertisers Index
Architectural Calendar

Committee on Publications
James L. Brandt, AIA, Chm.
David B. Oden, Jr., AIA
Raymond C. Sawyer, AIA
Cecil D. Elliott, AIA
Charles H. Boney, AIA
Alvis O. George, AIA
William W. Dodge III, AIA
James P. Milam, AIA
Turner G. Williams, AIA
Jack M. Pruden, AIA
Raleigh
Raleigh
Raleigh
Wilmington
Raleigh
Raleigh
Raleigh
Durham

Southern Architect is the official publication of the North Carolina Chapter of the American Institute of Architects and is published monthly by H. J. Stockard, Jr., 133 Fayetteville St., Raleigh, North Carolina, Telephone TEMple 4-4384.

Address all communications to Southern Architect, Post Office Box 408, 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. Subscription price: One year $3.00; Two years $5.00. Single copies 25 cents. Kindly notify Southern Architect in the event of change of address.
A criticism frequently aimed at Architects is one concerning variances between cost estimates and actual bids. This criticism stems largely from a general misunderstanding of the processes and a lack of knowledge of the extenuating circumstances usually involved. In a brief way we would like to shed a little more light on the subject with the hope of clearing away some of this misunderstanding which quite often results in the criticism being very unjust.

To begin with, the task of establishing cost estimates for a building or building program in advance of the construction stage, or even of the detailed planning stage, represents one of the most responsible and yet most hazardous duties generally accepted by the Architect. To reduce the process and the results to an exact science would require something approaching supernatural powers.

What is an estimate? Webster defines an estimate as "a judgment made by calculation, esp. from incomplete data; rough or approximate." Our own definition concurs plus the added comment that an estimate once made remains only an estimate until the day and the hour that bona fide bids are received. It can never be considered an exact or guaranteed figure.

And what happens when bids are received? The bidders, with complete detailed plans and specifications in hand for several weeks, with their skilled estimators and cost accounting records, with firm price quotations on materials and sub-contracts and with the sure knowledge of current market conditions, fail to agree on what the true cost of a specific building actually is by submitting competitive bids that vary as much as 10, 20 or even 25 per cent and more. One has only to look at the bid tabulation on any given project to verify this fact.

This being true, it is hardly reasonable to expect the Architect to "hit the target" or be "under the estimate" every time bids are received, especially when his estimate has been prepared months and sometimes a year or more in advance of the letting date. Actually, it is not unusual for some estimates to be prepared several years in advance.

In fairness to themselves and to their clients, Architects should carefully explain the reasonable but unguaranteed accuracy of their cost estimates. This does not mean we should shirk our responsibility to prepare estimates as realistically and as thoroughly as available information and generally accepted practices will permit. After all, someone has this job to do and the Architect is the person usually in the best position to do it.

Observation and experience have convinced us that more often than not one or more of the following factors are involved when the Architect alone is being made to bear the brunt of the criticism arising from a situation where the low bids on a project are in excess of the appropriated funds:

- Sufficient time and information were not made available for proper research and cost analysis.
- Between the time funds were budgeted and plans were prepared the program requirements were drastically revised.
- The budget and program were both prepared by someone else before the Architect was employed or consulted.
- Requested funds were reduced arbitrarily by the appropriating authority without corresponding reductions in the program requirements.
- The goal of a fund-raising campaign or bond election was tailored to an amount "acceptable" to the subscriber or taxpayer, rather than to a realistic estimate. These figures then became the "budget."
- The bare construction cost estimate erroneously became the total project cost estimate.
- A change in competitive market conditions took place during the interim period.
- A mere conversational cost figure became official without warrant.
- The cost of another supposedly comparable building was used to establish the budget.
- Over-optimism of the client in refusing to believe the building would cost as much as the Architect estimated.

These comments are not made for the purpose of shielding an Architect who has committed a human error in this most difficult area of service. They are made for the enlightenment of those who might not otherwise have been made aware of the foregoing factors or similar ones which may be in effect. Having these possible influencing conditions brought to their attention may bring about a more sympathetic understanding of the problems involved and thereby encourage a greater degree of accuracy in the processing and projection of future cost estimates.

Robert L. Clemmer, President
N. C. Chapter, A.I.A.
The tentative program for the South Atlantic District AIA Regional Conference to be held in Winston-Salem May 12-14 has been released. The North Carolina Chapter will act as host to members from South Carolina and Georgia. An Architectural Products Exhibit will be held in Cook's Warehouse, which will also be the scene of the planned seminars.

In announcing the meeting Conference Chairman Robert F. Arey said: "Since tobacco is Winston-Salem's major industry, we feel it unique and most appropriate that our seminars, all exhibits and socializing will take place in a tobacco warehouse. We hope to transform a simple tobacco warehouse into a veritable beehive of knowledge, information, enjoyment and activity."

Four seminar sessions are planned featuring some of the country's outstanding leaders in their fields. Each attending architect, wife and guest will be given an opportunity to select four subjects from among the following: (1) A Layman's Look at Architecture, by Mr. Harry Golden, noted author, lecturer and newspaperman of Charlotte; (2) Ceramics As An Art Form, by Mr. Lynn Gault, one of the top ceramists in the country; (3) Psychological Aspects of Space and Color, by Dr. Tinike Strobos, formerly from Amsterdam and now an American citizen with close relationships in art and architecture; (4) Religious Art and Architecture, by Reverend Kenneth Patton of Boston, one of the most architecturally conversant clergymen who was minister when Frank Lloyd Wright did the now well-known Wisconsin Unitarian Church; (5) European vs. American Architectural Practices, by Herr Hans P. Schmohl, prominent architect from Stuttgart; (6) Visual Marketing, by Mr. Arnold Copeland of New York City, head of the firm of Visual Marketing, Inc.; (7) Non-Fictional Specifications, by Mr. Harold Sleeper, whose name is synonymous with specifications; (8) Product Design, by Mr. Austin R. Baer, head of N. C. State College's newly created Product Design Department (under School of Design); (9) Intelligent Approach to Landscaping, By Mr. Lewis J. Clarke, Associate Professor of Landscape Architecture at N. C. State College's School of Design; (10) Controlled Interiors, by Mr. Vincent Cafiero, prominent architectural consultant; (11) Thermo Electric Heat, Cooling and Lighting, by a staff member of Ohio Semiconductors, Inc.; (12) Rhyme and Reason of the Haut Couturer, by Mr. Arnold Scassi of New York City, one of the top women's fashion designers in this country; and (13) Prestressed Extruded Concrete, by a staff engineer of the Reinforced Concrete Institute.

The meeting will be highlighted by several attractions. One of these will be a collaborative production by the Winston-Salem Little Theatre, Winston-Salem Symphony, and Singers Guild of Cole Porter's musical comedy "Anything Goes," which will be held Friday evening. Scheduled Saturday morning is an Art Film Festival, of several award winning films, which will be held in the Winston-Salem Community Theatre. A special tour Saturday afternoon will be of restoration of the town of Old Salem, a unique complete community settled in the early 1750's by the Moravians. The conference will end Saturday evening with an old fashioned Beaux Arts Ball with prizes for costumes.

Architects in Winston-Salem and the adjoining cities of Greensboro and High Point, in order to make the Conference personal, unique and pleasant, are inviting attendees to be their house guests during the conference. W. R. James, Jr. of Winston-Salem, immediate past president of the N. C. Chapter, is acting as conference Housing Chairman. Those who do not wish to avail themselves of this offer of personal billeting may arrange accommodations in local hotels and motels.

Jurors for the Honor Awards program have been announced. Three well known outstanding architects have accepted invitations to judge the awards. They are Hugh Stubbins, Jr., AIA of Cambridge, Massachusetts, Ralph Rapson, AIA of Minneapolis, Minnesota and Gordon Bunshaft, AIA of New York City.

Stubbins, 48, a native of Birmingham, received his B.S. in Architecture at Georgia Tech and his Master of Architecture at Harvard. He has won numerous scholarships, served as Associate Professor of Architecture at Harvard, written numerous articles published nationally, won many prizes in various competitions, and designed several important structures, including one adjudged "one of the 50 best works during the last decade in the United States", and another more recent being the Berlin Congress Hall for the international meeting there in 1958.

Rapson has been head of the School of Architecture at the University of Minnesota since 1954, after being As- sociate Professor of Architecture at MIT for 8 years. He is the writer of several architectural competitions, is listed in "Who's Who", and his general practice includes several embassies and apartment projects for the United States government.

Bunshaft, 51, a native of Buffalo, received his degrees of Bachelor and Master of Architecture at MIT. He joined the firm of Skidmore, Owings & Merrill in 1937 and became a partner in 1946. He has won several architectural prizes, serves on committees at Harvard and Yale, and being in charge of design at his firm's New York office is known as the designer of such distinguished buildings as Lever House, the Reynolds Metals Company building in Richmond, Virginia and the Connecticut General Life Insurance Company in Bloomfield, Connecticut.

The deadline for notice of entries for the Awards Competition is April 1. Winners will be announced at the morning session Saturday, May 14, and certificates will be presented to architects, owners and contractors.
HANES BUILDING

Research Triangle Institute
Chapel Hill-Durham-Raleigh

Lashmit & James, A.I.A.
Members of the firm Lashmit, James, Brown & Pollock
Robert Myers, A.I.A., Design Consultant
Winston-Salem

City & Town Planning Associates, Site Development
Consultants
Robt. N. Anderson, Jr., Partner-in-Charge
Chapel Hill
Lewis Clarke, Landscape Consultant
Raleigh

McDevitt & Street Co. — General Contractor
Charlotte

This building will serve as the Administrative
Headquarters for both the research triangle insti-
tute and the research triangle park. It will be built
by funds made available by the late Robert M.
Hanes of Winston-Salem, and is named in his
honor.

The area of the building is 18,350 sq. ft. It is
fully air conditioned with a dual duct system.
Interior materials include vinyl asbestos and ter-
razzo for floors and exposed masonry block and
marble for walls. Ceilings are suspended acoustical
tile. Exterior materials consist of granite and an
insulated aluminum curtain wall. The structural
system is concrete, both precast and poured in
place.
The Brogden Junior High School is located in the northern outskirts of the City of Durham, in a new and rapidly expanding residential area. The site, though ample in size, is very irregular and influenced the school layout to a considerable extent. Natural terrain was utilized in the site plan to develop the football field and an outdoor amphitheater. Ample space is available, to the east of the building for a future classroom wing.

The present building teaching facilities include 24 Classrooms, two Science Rooms, 2 Industrial Arts Shops, 3 Home Economics Classrooms, a Band Room, and a Chorus Room. Provision has been made for audio-visual TV education and intercommunication to all classrooms. The Gymnasium and Auditorium facilities may be closed off from the remaining portion of the building for control of the public in attendance at student functions in these areas. The entrance lobby is ample in size for social functions. The Cafeteria layout features the simultaneous serving of three lines, reducing serving time.
The 46th Convention of the North Carolina Chapter of the American Institute of Architects, held in Raleigh’s Hotel Sir Walter January 28-30, was one of the most successful in the history of the organization. Approximately 200 persons were in attendance, including 110 Corporate members and 6 Associate members. At the business meeting Robert L. Clemmer, seated left in the photo, of Hickory was re-elected President. Others elected were Albert L. Haskins, Jr. of Raleigh, seated center in the photo, as Vice-President; Fred W. Butner, Jr. of Winston-Salem, seated right, as Secretary; S. Scott Ferebee, Jr. of Charlotte, standing on the left, as Treasurer, and Archie R. Davis of Durham, on the right, as Director for a three year term. Others in the photo are holdover directors Charles H. Wheatley of Charlotte, standing next to left and William R. James, Jr. of Winston-Salem, standing next to right.

Six North Carolina architectural firms were recognized by an outstanding Honor Awards jury for Awards of Merit in the Chapter’s 6th Annual Honor Awards program. They are: John Erwin Ramsay of Salisbury for the American Square Furniture Building in Salisbury; Thomas T. Hayes, Jr. of Southern Pines for the Sanford Brick & Tile Company office building in Colón, N. C.; J. Bertram King of Asheville for the Bank of Asheville’s Candle Branch; Ballard, McKim and Sawyer of Wilmington for the Ogden Elementary School in New Hanover County; George Matsumoto of Raleigh for the Milton Julian residence in Chapel Hill; and George Matsumoto and G. Milton Small of Raleigh for the Gregory Poole residence in Raleigh. The jury for the Awards program was chairmanned by Albert Bush-Brown of Cambridge, Massachusetts, Associate Professor of Architecture at Massachusetts Institute of Technology, assisted by Harlan E. McClure, Dean of the School of Architecture at Clemson College and J. R. Wilkinson of Atlanta, an architect whose works include the Methodist College currently being built in Fayetteville, N. C. The Awards were announced by Mr. Bush-Brown at the banquet which concluded the meeting, and

Pictured during the meeting (1) New member Victor Cole of Raleigh applying “Way Out” party makeup to Bill Dodge of Raleigh; (2) Beemer Harrell, AIA of Hickory with lady friend and guest Ezra Meir; (3) George Matsumoto and Joseph Baaz, AIA’s of Raleigh; (4) Artist Joe Cox lecturing the ladies on “Understanding Modern Painting”; (5) President Clemmer listening to a discussion from the floor; (6) Speaker Albert Bush-Brown.
WINTER MEETING

Certificates will be presented to architects, owners, contractors and landscape architects by Councils in their home areas.

At the Chapter banquet an Honorary Membership, the 8th in the 46 year history of the Chapter, was bestowed upon Randolph E. DuMont of New York City, Treasurer of the Duke Endowment. Also at the banquet a silver bowl was presented to Marvin R. A. Johnson, Architect of Raleigh with the N. C. Board of Education's Division of School Planning, in recognition for meritorious service rendered.

At the business meeting 15 new Corporate members and 2 new Associate members were welcomed into Chapter membership. They are: William Hill Sigmon of Raleigh; Walter Emmette Blue, Jr. of Greensboro; William Robert Wyatt, Jr. of Rocky Mount; James Elbert Biggs of Hickory; Paul Braswell of Charlotte; Leon Anthony Schute of High Point; Victor O'Lynne Cole of Raleigh; Mason Spiller Hicks of Fayetteville; Gene Watts Jones of Raleigh; Horace Creighton Jones of Raleigh; Edgar Streetford Dellinger of Laurinburg; Francis Williams MacMillan of Fayetteville; Robert George Miller of Charlotte; Gordon Ervin Peebles of Fayetteville and Alva Eugene Warren of Charlotte, and Associate member Gwyn Bernard Franklin of Elkin.

The theme of the meeting was "Engineering and Architect Design Relationship". Four speakers, each of them is considered a leader in his field, were on the program. They were: Albert Bush-Brown for Architecture: "Design and Engineering Relationship"; Charles Howard Kahn for Structural Engineering: "Design and Engineering Relationship"; Charles Leopold for Mechanical Engineering: "Design and Engineering Relationship" and Joseph Hudnut for the Critic: "Design and Engineering Relationship".

At a special luncheon on Saturday American Institute of Architects President John Noble Richards, FAIA of Toledo, Ohio addressed members and their wives on the activities of the Institute and the challenge of the future in rebuilding a second America in the next forty years due to population expansion.

Members voted to hold the January 1961 meeting in Durham's Washington Duke Hotel. The dates will be announced in the future. The 1960 Summer meeting was cancelled in that the Chapter is to host the South Atlantic District AIA Regional Conference in Winston-Salem May 12-14. The Raleigh Council of Architects acted as hosts for this meeting, and a resolution expressing appreciation for its planning and execution was passed as was one commending the speakers. Among the social highlights were a "Way Out" party Friday evening at the Raleigh Shrine Club, a ladies fashion show and luncheon and golf tournament at the Carolina Country Club, a lecture on art by Joe Cox and a tour and reception at the North Carolina Museum of Art, social hours each evening and a meeting.

Ogden Elementary School, Wilmington, N.C.
Ballard, McKim & Sawyer, AIA, Wilmington, N.C.,

Kirby Hawkins, General Contractor, Kinston, N.C.

Sanford Brick & Tile Co. Office Building, Sanford, N.C.
Thomas T. Hoyes, AIA, Southern Pines, N.C.,

L. P. Cox Co., General Contractor, Sanford, N.C.
The Bank of Asheville, Candler, N. C.
J. Bertram King, AIA, C. M. Sappenfield, Associate, Asheville, N. C., Z. B. Robinson Construction Co., General Contractor, Asheville, N. C.

A W A R D S  1960

Milton Julian Residence, Chapel Hill, N. C.
George Matsumoto, AIA, Raleigh, N. C., Kenneth M. Scott, AIA, Associate, Durham, N. C., Frank Walser, General Contractor, Raleigh, N. C.
American of Martinsville Furniture Display Center, High Point, N. C.
John E. Ramsay, AIA, Salisbury, N. C.
Stanley Bowles, General Contractor, Martinsville, Va.

Gregory Poole Residence, Raleigh, N. C.
G. Milton Small, AIA, George Matsumoto, AIA, Raleigh, N. C.
Frank Walser, General Contractor, Raleigh, N. C.
This house, placed parallel to the steep slope on a heavily wooded site, provides living quarters for a family with four boys. The central utility & kitchen core furnishes separation of adult and boys' activities as well as convenient supervision of play activities.

The dormitory sleeping quarters for the boys opens to the central family room from which there is easy access to the sunny play terrace on the south. On the north side of the kitchen, the area planned for the adults opens to a screened porch and a long view down hill.

The near-square plan suggests economy in the use of space and in air conditioning.

It is of rigid modular construction using standard materials with minimum tooling, wood frame over block walls, and 2" x 6" floor and roof joists over fir beams (5" x 14") and columns, spaced 8'-0" by 16'-0". The walls, roof, and floors are sheathed in 4' x 8' plyscord, all ceilings are ½" x 4' x 8' sheetrock, and plywood panels and cabinets are 12", 16", 24", or 32" wide for minimum wastage.
HOUSE IN

THE MARCH 1960 SOUTHERN ARCHITECT
AIA'S 103RD CONVENTION ANNOUNCED

1960's annual convention of The American Institute of Architects will be held April 18 to 22 at San Francisco. Some two thousand architects from all parts of the country are expected to hear J. Robert Oppenheimer, director of the Princeton Institute of Advanced Studies, and Cyril Northcote Parkinson, historian and author of "Parkinson's Law" among other well-known authorities in science and the humanities.

Under the general theme "Expanding Horizons" the architects will explore the trend of political, economic, technological and philosophical developments so as to help the architectural profession to keep ahead of changes in the human environment.

Oppenheimer's and Parkinson's speeches and those of philosopher Morton Gabriel White of Harvard and sociologist Wendell Bell of the University of California will be related to architecture by panels of outstanding architects.

The panels discussions and business meetings of the convention will be held at San Francisco's new Masonic Temple. Convention headquarters will be at the Mark Hopkins Hotel.

The convention program also features the ceremonial Investiture of newly elected Fellows of the AIA and a President's Reception both at San Francisco's famous City Hall.

Other convention events include a tour through San Francisco and the Bay area's outstanding houses, and an "open house" party on San Francisco's historic Jackson Square. Convention goers are invited to participate in the host city's annual Black and White Symphony Ball.

The San Francisco Museum of Art will show an extensive exhibition of the work of LeCorbusier, world famous architect, planner, painter and sculptor. Born in Switzerland, LeCorbusier, whose real name is Charles Edouard Jeanneret, has created important buildings all over the world. Among his most famous works is the planning of the city of Chandigarh, the new capital of Punjab in India.

The LeCorbusier exhibit was designed and arranged in Switzerland. From San Francisco it will travel to Tokyo where it will be shown in LeCorbusier's newly completed Museum of Western Art.

In the course of its Annual Dinner the AIA will again present a Gold Medal to an outstanding architect as well as the Institute's other awards. The R. S. Reynolds Memorial Award, the Homes for Better Living Awards and other honors will be presented at morning sessions. Winners of these awards have not yet been selected.

Another convention feature is the exhibition of new building products at the Masonic Temple. There are 91 different product exhibits.

The convention program has been worked out by a committee of the Northern California Chapter, AIA, under the chairmanship of Donn Emmons. A sub-committee headed by John Lyon Reid, San Francisco architect, has formulated the professional program.

The American Institute of Architects has released a delegate list for voting at the convention. The North Carolina Chapter AIA will have 19 votes, ranking it 9th in the total of 1,004 delegates. Chapters with larger votes than North Carolina are New York (City), Southern California, Chicago, Detroit, Massachusetts, Philadelphia, Northern California and Washington-Metropolitan (D. C.) in that order.

N. C. A.I.A. President Robert L. Clemmer of Hickory will head the delegation from North Carolina attending the meeting.

15 N. C. ARCHITECTS REGISTERED

On February 27 the N. C. Board of Architecture presented certificates to 15 architects who passed written examinations for registration in North Carolina. The ceremony was held at a special meeting of the Board at the Salisbury Country Club. New architects are: John G. Ashe, Jr., Wilson; Jack W. Clontz, Charlotte; Eugene H. Copeland, Jr., Greensboro; W. Eugene James, Winston-Salem; Charles W. Kibler, Charlotte; J. Aubrey Kirby, Winston-Salem; Truman L. Newberry, Jr., Raleigh; Lamar Northup, Winston-Salem; Theodore James Peters, Jacksonville; William P. Reinhardt, Newton; Charles S. R. Hicks of Raleigh; Henry W. Moser, Jr., Raleigh; James Toms Quinn, Raleigh; William J. Rabon, Jr., Birmingham, Michigan and August Zinkl, Norfolk, Virginia.

DIRECTORY

of

SALESMEN'S

PRODUCTS

A

ARCHITECTURAL SYSTEMS, INCORPORATED
Movable Partition & Wall Systems
Rep.: L. E. "Woody" Atkins, Jr., 3135 Shaker Dr., Charlotte

ARNOLD STONE COMPANY
Rep.: Mike Andrews, Ed Wilson
P. O. Box 3346, Greensboro, N. C.
See our ad page 23

L. E. "Woody" ATKINS, JR.
3135 Shaker Dr., Charlotte
Manufacturer's Representative
LCN, Cipco, S & G, P. O. Moore

D

DIXIE CONCRETE PRODUCTS, INCORPORATED
Omnia Precast Floor and Roof Systems, Aristocrat Glazed Block
Rep.: Jim Forkner, Les Stallings
3300 N. Liberty St., Winston-Salem, N. C.
See our ad page 21

H

A. P. HUBBARD WHOLESALE LUMBER COMPANY
P. O. Box 881, Greensboro, N. C.
Manufacturer's Representative: Unit Structures, Inc.

K

INDUSTRIAL & TEXTILE SUPPLY CO., INC.
Yale & Towne Hardware Representative A. Gene Moore
1300 S. Mint St., Charlotte, N. C.

KENDRICK BRICK & TILE CO.
Sales Office, 3225 South Blvd.
Charlotte, N. C.
See our ad page 27

N

N. C. CONCRETE MASONRY ASSOCIATION
Box 10533 — Raleigh, N. C.
Member firms listed in our ad page 21

GEO. ROBERTS LUMBER CO.
P. O. Box 10552, Charlotte, N. C.
Manufacturer's Representative: Unit Structures, Inc.

U

UNIT STRUCTURES, INC.
Laminated Southern Pine Arches and Beams, Trusses, Unit Deck,
Clear - Panel Deck
Plants at Peshtigo, Wisconsin and
Magnolia, Arkansas

N. C. Representatives:
A. P. Hubbard Wholesale Lbr. Co.
P. O. Box 881
Greensboro, N. C.

Geo. Roberts Lumber Co.
P. O. Box 10552
Charlotte, N. C.
MORE AND MORE ARCHITECTS NOW SPECIFY...

- High Insulation Efficiency
- Positive Vapor Barrier
- Odorless and Clean

FIRST IN REFLECTIVE INSULATION

Southernaire COMPANY
BOX 1050, DURHAM, NORTH CAROLINA

Mo-Sai
ARCHITECTURAL STONE

THE MABIE-BELL COMPANY
P. O. Box 2909 - Phone BR 4-7674 - Greensboro, N. C.

choose Suntile
for lasting beauty
in the
bathroom

With Suntile, your
bathroom can be a
place of beauty as well
as utility. You have so
many beautiful colors
from which to choose
those that best express
your own personality.
Suntile is Color-Bal-
anced to permit a wide range of har-
monious blends that will never fade.
Made of durable real clay, Suntile res-
sists marring, scratching and cracking
... its built-in beauty lasts practically
forever. And Suntile is so easy to keep
clean and sparkling with a damp cloth
or soap and water.

Let us help make your bathroom or
kitchen more beautiful—more useful.

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

SC A I A ELECTS OFFICERS

The South Carolina Chapter A.I.A., at its Annual
Meeting February 5-6, elected Homer D. Blackwell,
AIA of Columbia, as President. Other officers
elected were William S. Dowis, Jr. of Florence as
Vice-President, Ralph H. McPherson of Greenville
as Secretary-Treasurer and P. B. Harrison, Jr. of
Columbia as Assistant Secretary-Treasurer. Black-
well succeeds A. Hugh Chapman, Jr. of Spartan-
burg, pictured on the right in the photo above. Oth-
ers pictured are A. G. Odell, Jr. of Charlotte,
South Carolina District AIA Director, left, and
Robert L. Clemmer, of Hickory, N. C. Chapter AIA
President who attended the meeting.

IN BUILDING CONSTRUCTION

Ability to produce the best job, at the lowest cost,
in the shortest possible time, are the primary
factors in satisfying clients.

For twenty-three years H. L. Coble Construction
Company has worked throughout the Southeast
with Architects and Owners producing these
results.

H. L. COBLE CONSTRUCTION CO.
GREENSBORO, N. C.

THE MARCH 1960 SOUTHERN ARCHITECT
Heart of Richmond Motel, Richmond, Va.
BUDINA AND FREEMAN, A.I.A., Architects
HENRY W. ROBERTS, Structural Engineer
THORINGTON CONSTRUCTION CO., INC., General Contractors
EASTERN LIFT SLAB INC., Lift Slab Contractors

A Changing Heart...

Located in the heart of downtown Richmond is the Heart of Richmond Motel—an example of the new urban emphasis on informality and convenience. Utilizing a downtown lot for this 4-story project called for ingenuity—both in design and construction techniques.

Construction was by lift slab, using 4 L-shaped Solite lightweight structural concrete slabs. Here Solite saved 700 tons of deadweight. It meant substantial savings in steel columns; reduced footing size; afforded minimum floor to floor height. Ceilings only needed painting. And fire resistant Solite assures a completely fire rated building.

Large accent panels on three sides of the building are Solite lightweight masonry units, in a smart shadow wall pattern. And Solite units were used extensively in hallways and bedrooms. Here their natural sound absorbency and beauty will add to the comfort, quiet and pleasure of guests. High insulation qualities and ease of maintenance will mean long term economies.

This is another example of the happy compatibility of modern building materials—and modern construction skills.

SOLITE
LIGHTWEIGHT MASONRY UNITS
AND STRUCTURAL CONCRETE

WHATEVER YOU BUILD—The professional advice of an architect or engineer can save you time and money—and provide the integrity of design that means lasting satisfaction.
These Are The MEMBERS Of The NORTH CAROLINA CONCRETE MASONRY ASSOCIATION.
They Are DEDICATED In Their Efforts To Produce QUALITY CONCRETE BLOCK!

Adams Concrete Products Company, Varina
Adams Concrete Products Company, Durham
Asheboro Concrete Products Company, Asheboro
Carolina Block Company, Durham
Carolina Concrete & Block Works, Rocky Mount
Catawba Concrete Products Company, Hickory
Concrete Products Co. of Asheville, Asheville
Dixie Black 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
Greenstone Concrete Products Company, Henderson
H. & O. Concrete Block Company, Durham
Hoke Concrete Works, Roxboro
Johnson Concrete Company, Salisbury
King Brick & Pipe Company, Burlington
Limestone, Inc., Wilson
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
Southern Concrete Sales, Inc., Rocky Mount
Standard Cinder Block Company, Raleigh
Standard Concrete Products Company, North Wilkesboro
Stevenson Brick & Block Company, New Bern
Superior Block Company, Charlotte
Surry Concrete Products, Mt. Airy
Tarboro Concrete & Building Supplies, Inc., Tarboro
Trice's Concrete Plant, Kannapolis

TESTED by recognized independent laboratories

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

DEWEY BROS., INC.

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

DEWEY BROS., INC.

Goldsboro, N. C.

Grey Iron Construction Castings
Since 1885
FOR YOURSELF ...how the quality of castings gives texture to a wall. Compare the strength, the freedom of design, the precision assembly you get with this unique new Curtain Wall System by Michaels. Here is a system developed for architects to express aluminum curtain wall in a different way, without the plague of sameness.

THE MICHAELS ART BRONZE CO., P. O. BOX 668, COVINGTON, KENTUCKY

Universal C.I.T Credit Corp., Louisville, Kentucky; Jasper D. Ward, Architect; Robert Struck & Sons, Contractors
STRUCTURAL
PRECAST & PRESTRESSED

CONCRETE

ARNOLD STONE CO.
P. O. Box 3346
Greensboro, N. C.

Phone CY 9-3563

ETOWAH BRICK

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.

McDevitt & Street Company
GENERAL CONTRACTORS
505 Builders Building
Charlotte, North Carolina

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

F. N. THOMPSON Inc.
GENERAL CONTRACTORS

Charlotte, N. C.
Tel. JA 3-0515

Raleigh, N. C.
Tel. TE 4-0785

GOLDSBORO
RE 4-3771

SANFORD

DURHAM
12-room concrete school in 3 months
with unique “lift-slab” method!

St. Therese Catholic School, Fort Wayne, Indiana, shows how concrete and new techniques meet the need for accelerated school construction.

Bids were received June 23rd. Construction was under way by July 17th. The ground floor slab was cast in place first. On top of this was cast the second floor slab—and on top of this the roof slab. Lifting of the slabs into position started August 25th.

Hydraulic jacks attached to columns were used to hoist the roof and second floor slabs. Each slab weighed approximately 370 tons and was 150 feet long and 88 feet wide. Lifting rate was two feet an hour. Total school area is 21,560 square feet—12 classrooms, six on each floor.

School opened October 1st. But time was not the only saving. Concrete “lift-slab” technique also meant lower construction costs. Long life and low upkeep will assure minimum annual cost. If your community is considering a new school, write for complete information.

PORTLAND CEMENT ASSOCIATION
1401 State Planters Bank Bldg., Richmond 19, Virginia
A national organization to improve and extend the uses of concrete

the mark of a modern school...
Monarch strives to provide the finest in elevator engineering, manufacturing, installation, and service. Call for full information on electric and oil-hydraulic freight and passenger elevators, dumbwaiters, and residence elevators. We invite you to visit our plant.

Greensboro, N. C., Ph. BR 2-4563 (Main office and plant)
Augusta, Ph. 6-5397
Roanoke, Ph. DI 4-4700
Greenville, S. C., Ph. 5-4016
Raleigh, Ph. TE 2-6612
Charlotte, Ph. ED 4-5971

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.

AUTOCLAVED

For Wall's
of
Stability

MANUFACTURED only by
SMITH CONCRETE PRODUCTS, Inc.

SMITH CONCRETE PRODUCTS COMPANY
Manufacturers of

BOREN
CLAY PRODUCTS COMPANY
Manufacturers of

BRICK

for Color and Texture

Pleasant Garden, N. C.

THE MARCH 1960 SOUTHERN ARCHITECT
Index of Advertisers

Arnold Stone Company ........................................... 23
Blumcraft of Pittsburgh ........................................ 2
Borden Brick & Tile Company .................................... 23
Boren Clay Products Company .................................. 25
Bost Building Equipment Company .............................. 25
Brick & Tile Service, Inc. ......................................... Back
Carolina Power & Light Co. ....................................... 27
Carolina Solite Corp. .............................................. 20
Carolina Tuff-Lite Corp. .......................................... 21
H. L. Cable Construction Company .............................. 19
Dewey Brothers, Inc. .............................................. 21
Dickerson, Inc. .................................................... 25
Dixie Concrete Products, Inc. .................................. 21
Isenhour Brick & Tile Co., Inc. ................................. 23
Kendrick Brick & Tile Co. ......................................... 27
The Mabee-Bell Co. ................................................ 19
Ezra Meir & Associates ........................................... 25
McDevitt & Street Company ...................................... 23
The Michaels Art Bronze Co. ..................................... 22
The Moland-Drysdale Corp. ....................................... 23
Monarch Elevator & Machine Co. ............................... 25
N. C. Concrete Masonry Association ......................... 21
Portland Cement Association .................................... 24
Renfrow Distributing Company ................................ 19
Smith Concrete Products ......................................... 25
Soule Steel & Iron Co. ............................................ 25
Southernair Company ............................................. 19
F. N. Thompson, Inc. ............................................. 23

The N. C. Chapter American Institute of Architects is appreciative of the support of our advertisers and invites your consideration of their products and their representatives.

ARCHITECTURAL CALENDAR

APRIL 1: Deadline for notice of entry in South Atlantic District AIA Honor Awards program.

APRIL 5: Durham Council of Architects, Harvey's.

APRIL 6: Charlotte Council of Architects, Chez Montet, Charlotte.

APRIL 6, 13, 20, 27: Architects Guild of High Point, Marguerite's Restaurant.

APRIL 7: Raleigh Council of Architects, College Inn.

APRIL 19: Winston-Salem Council of Architects, Y. W. C. A.

MAY 1: Deadline for material for issue after next of this publication.


MAY 3: Eastern Council of Architects, Goldsboro.

MAY 3-5: Conference on Church Architecture, Minneapolis, Minn.

MAY 12-14: South Atlantic District AIA Conference, Winston-Salem.

MAY 28-JUNE 3: World Planning and Housing Congress, Puerto Rico.

Make Reservations Now

Regional Meeting

SOUTH ATLANTIC DISTRICT
AMERICAN INSTITUTE
OF ARCHITECTS

MAY 12-14, 1960

Hotel Robert E. Lee  Winston-Salem, N. C.

THE MARCH 1960 SOUTHERN ARCHITECT
BRICK the imaginative material
COLOR
TEXTURE
PATTERN
VARIETY

The Inherent Properties of Unit Clay Masonry Extend to the Gifted Architect the Opportunity to Create Great Art.

KENDRICK BRICK & TILE CO.
SALES OFFICE • 3225 S. BOULEVARD
PHONE JA 3-6716 • CHARLOTTE, N. C.
PLANT NO. 1—MT. HOLLY, N. C.
PLANT NO. 2-3-4—MONROE, N. C.

Modern Living Sign ---
The Total-Electric MEDALLION HOME!

ARCHITECTS! For full details, just call your nearest CAROLINA POWER & LIGHT COMPANY representative.
The architectural effects possible with brick are limited only by the imagination of the designer.

Brick & Tile Service, Inc. 
Greensboro, N. C.