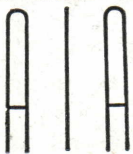


SOUTHERN ARCHITECT

MARCH 1960

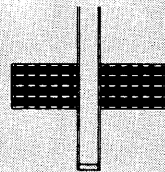
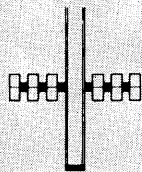
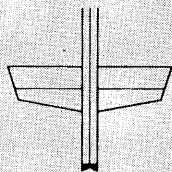
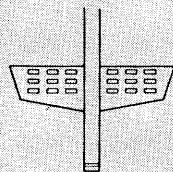
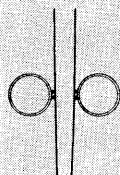
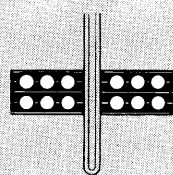
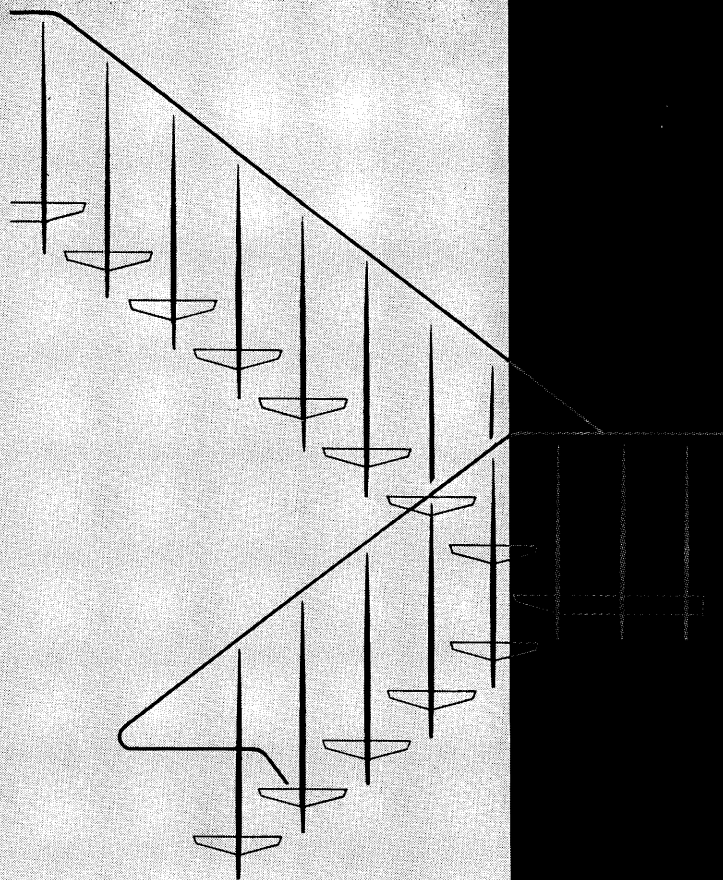
Bulk Rate
U. S. Postage
PAID
Raleigh, N. C.
Permit No. 455

Official Publication
North Carolina Chapter



Box 408
Raleigh, N. C.

J. AUBREY KIRBY
159 LAWNDALE
WINSTON SALEM N C



ABOVE TRIM AVAILABLE
FOR ALL BLUMCRAFT POSTS

NEW TREATMENT FOR PRE-CAST TREADS

STAIR RAIL MOUNTINGS
WITH BUILT-IN STEEL
ANCHOR ASSEMBLY



Blumcraft

OF PITTSBURGH

SEND FOR COMPLETE GENERAL CATALOG OF ALUMINUM RAILINGS AND GRILLS
COPYRIGHT 1960 BY BLUMCRAFT OF PITTSBURGH • • 460 MELWOOD ST., PITTSBURGH 13, PENNSYLVANIA

SOUTHERN ARCHITECT



March 1960

Volume 6

Number 3

4	President's Message
5	Regional AIA Program Announced
6-7	Research Building—Research Triangle
8-9	Junior High School—Durham
10-11	Clemmer Re-elected NCAIA President
12-14	NCAIA Honor Awards Winners
15-17	Winning Residence—Chapel Hill
18	AIA Convention in San Francisco
18	15 N. C. Architects Registered
18	Directory of Salesmen's Products
19	SCAIA Elects Blackwell
26	Advertisers Index
26	Architectural Calendar

COMMITTEE ON PUBLICATIONS

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

SOUTHERN ARCHITECT IS THE OFFICIAL PUBLICATION OF NORTH CAROLINA CHAPTER • THE AMERICAN INSTITUTE OF ARCHITECTS

Robert L. Clemmer, AIA	President	William R. James, Jr., AIA	Director
Albert L. Haskins, Jr., AIA	Vice-President	Charles H. Wheatley, AIA	Director
Fred W. Butner, Jr., AIA	Secretary	Archie R. Davis, AIA	Director
S. Scott Ferebee, Jr., AIA	Treasurer	Louise Hall, AIA	Archivist
H. J. Stockard, Jr.	Executive Secretary	R. Mayne Albright	Attorney



CLEMMER

PRESIDENT'S MESSAGE

PRESIDENT'S MESSAGE

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.

AIA SAD RC PROGRAM ANNOUNCED

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 hosts 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."

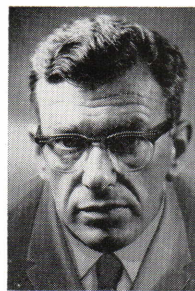
Four seminar sessions are planned featuring some of the country's outstanding leaders in their fields. Each attending architect, wife and guest will be given an opportunity to select four subjects from among the following: (1) A Layman's Look at Architecture, by Mr. Harry Golden, noted author, lecturer and newspaperman of Charlotte; (2) Ceramics As An Art Form, by Mr. Lynn Gault, one of the top ceramicists 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 Couturier, by Mr. Arnold Scaasi 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., FAIA of Cambridge, Massachusetts, Ralph Rapson, AIA of Minneapolis, Minnesota and Gordon Bunshaft, FAIA 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.



STUBBINS



RAPSON

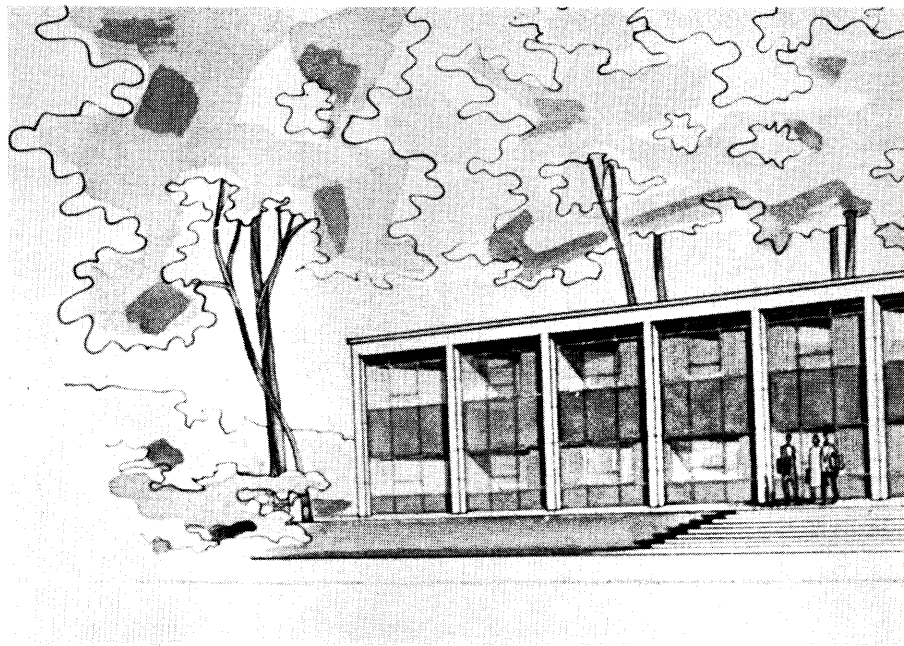
Rapson has been head of the School of Architecture at the University of Minnesota since 1954, after being Associate Professor of Architecture at MIT for 8 years. He is the winner of ten national architectural competitions, is listed in "Who's Who", and his general practice includes several embassies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



BUNSHAFT

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

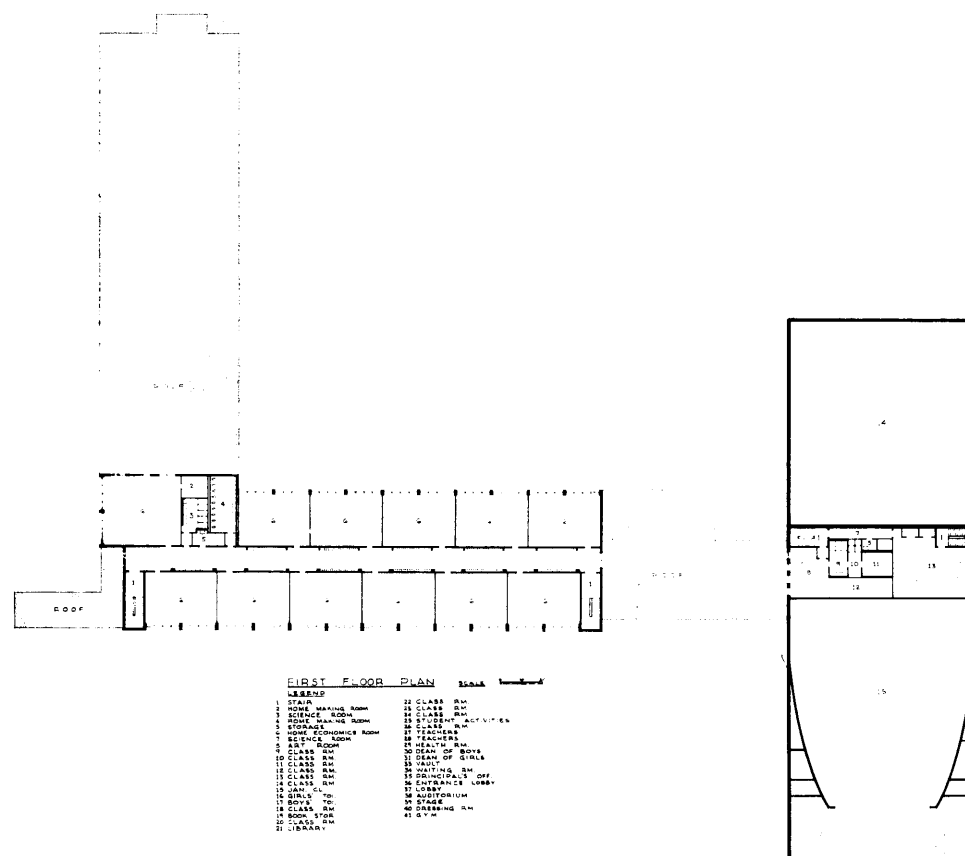
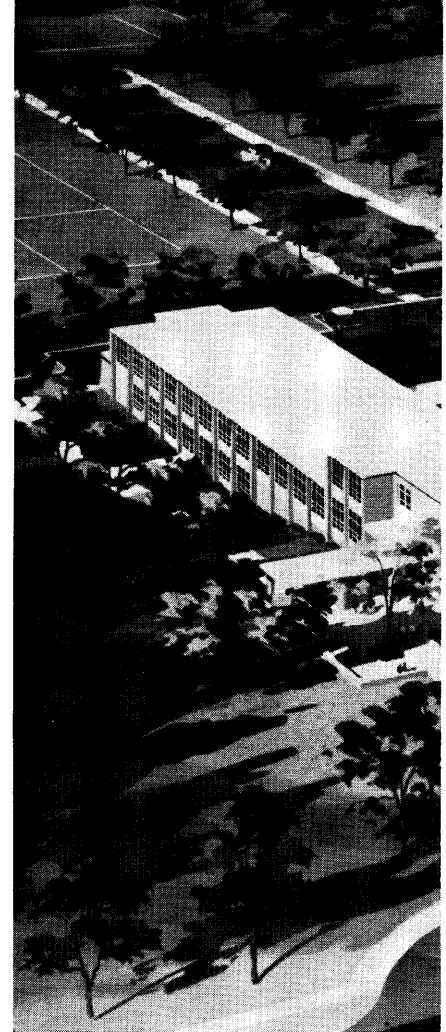
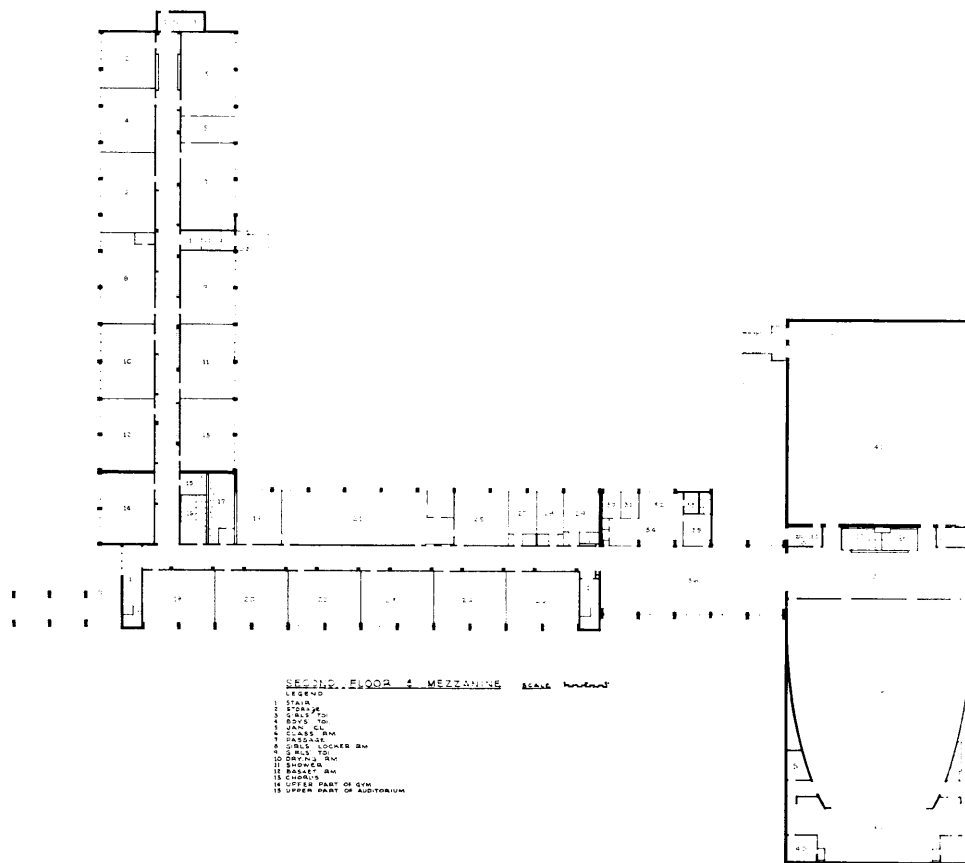
Lashmit & James, A.I.A.
Members of the firm Lashmit, James, Brown & Pollock
Robert Myers, A.I.A., Design Consultant
Winston-Salem

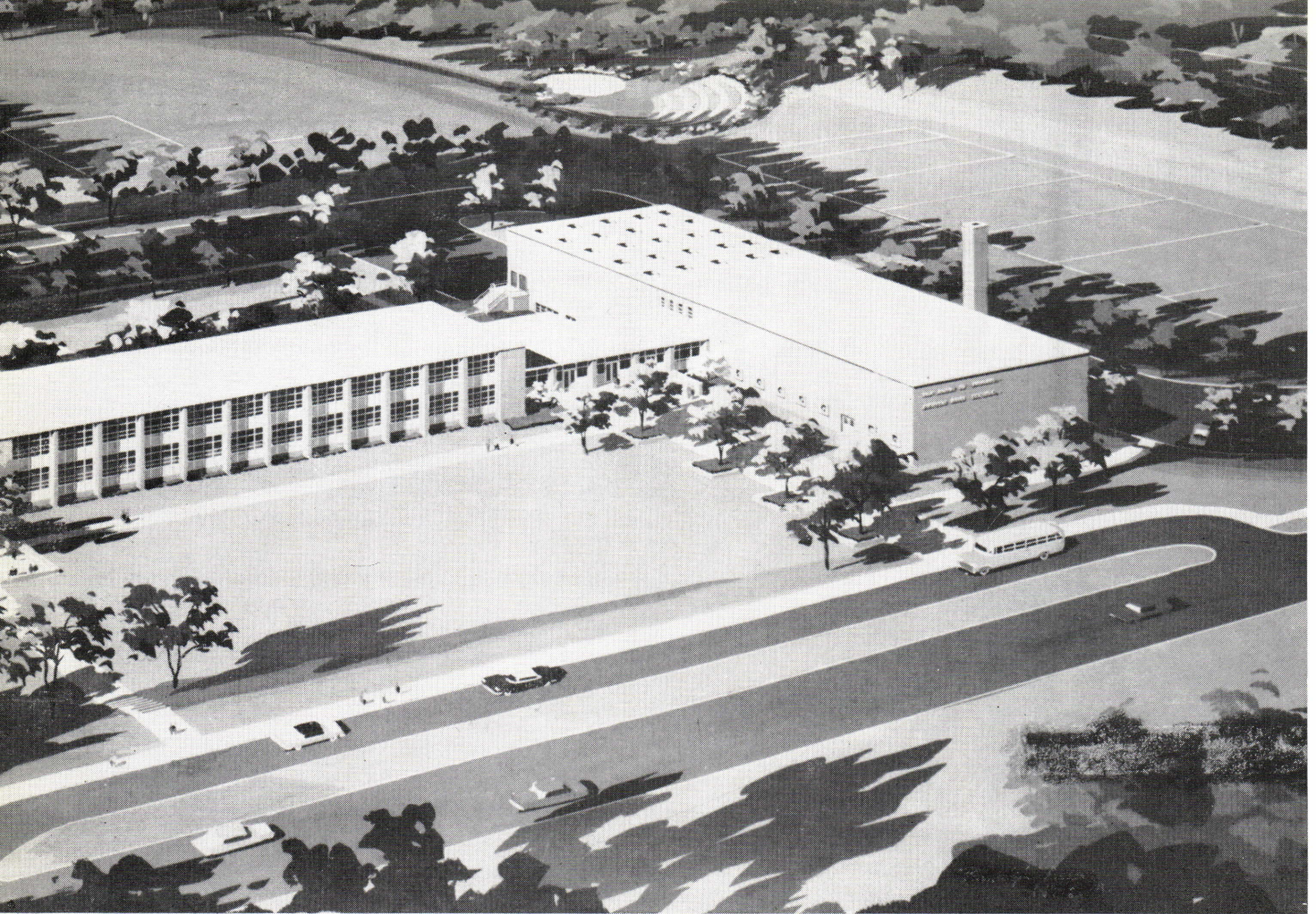
City & Town Planning Associates, Site Development
Consultants
Robt. N. Anderson, Jr., Partner-in-Charge
Chapel Hill
Lewis Clarke, Landscape Consultant
Raleigh

McDevitt & Street Co. — General Contractor
Charlotte

This building will serve as the Administrative Headquarters for both the research triangle institute 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 terrazzo 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.





BROGDEN JUNIOR HIGH SCHOOL

Durham, N. C.

Geo. Watts Carr, AIA

Durham, N. C.

Godwin & Bell, Landscape Architects

Raleigh, N. C.

Geo. W. Kane, General Contractor

Durham, N. C.

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.



RALEIGH HOSTS SUCCESSFUL CONVENTION

The 46th Convention of the North Carolina Chapter 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 Colon, N. C.; J. Bertram King of Asheville for the Bank of Asheville's Candler 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 chaired 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 Boaz, 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.

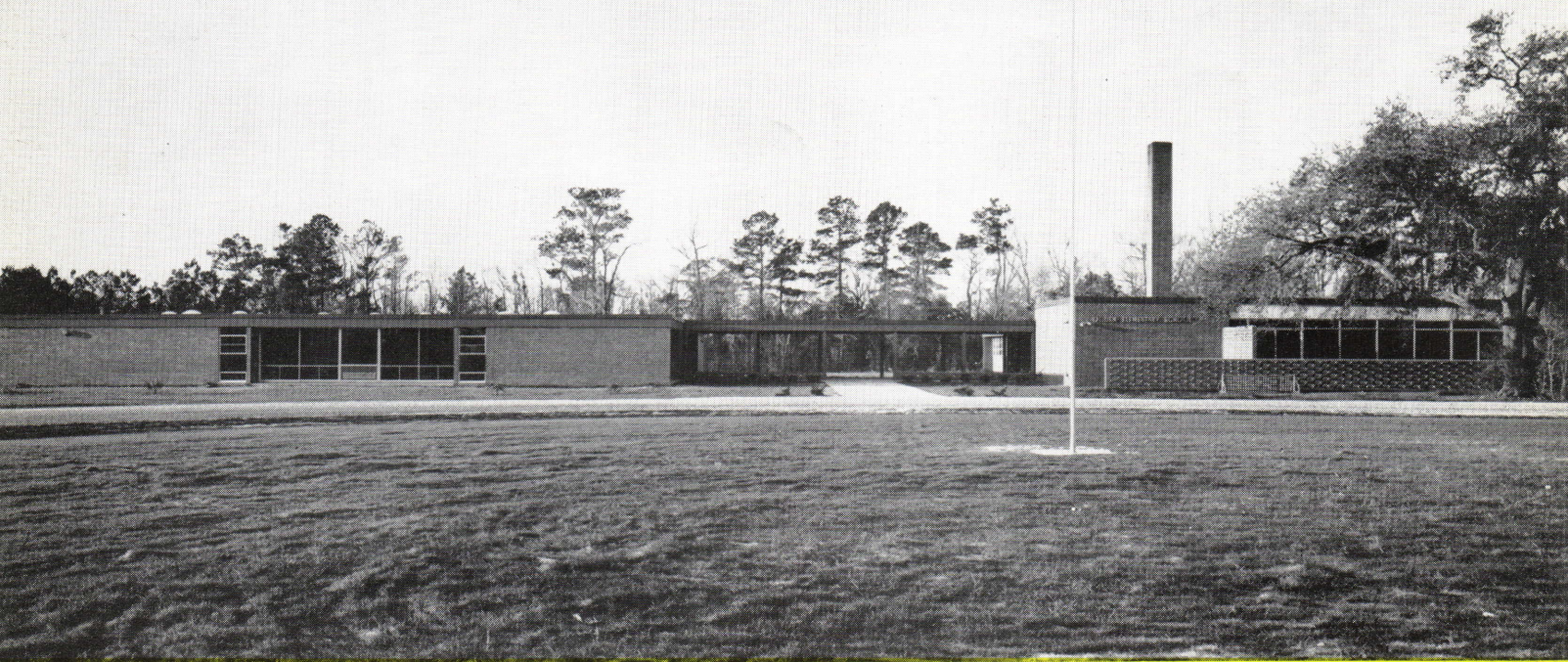
The theme of the meeting was "Engineering and Architect Design Relationship". Four speakers, each of them is considered a leader in his field, were on the program. They were: Albert Bush-Brown for Architecture: "Design and Engineering Relationship"; Charles Howard Kahn for Structural Engineering: "Design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

(7) Jurors McClure, Bush-Brown and Wilkinson, (8) Award winners Matsumoto and Small, (9) Henry L. Kamphoefner, FAIA of Raleigh, Speaker Kahn, Speaker Hudnut, W. H. Deitrick, FAIA of Raleigh and J. Stanley Fishel, AIA of Raleigh, and President of the host Raleigh Council, (10) AIA President John Noble Richards and Regional Director A. G. Odell, Jr., FAIA of Charlotte, (11) Marvin R. A. Johnson, AIA of Raleigh receiving a silver bowl from Vice-President Leslie N. Boney, Jr., AIA of Wilmington, (12) New Honorary Member Randolph E. DuMont and re-elected President Clemmer.





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

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

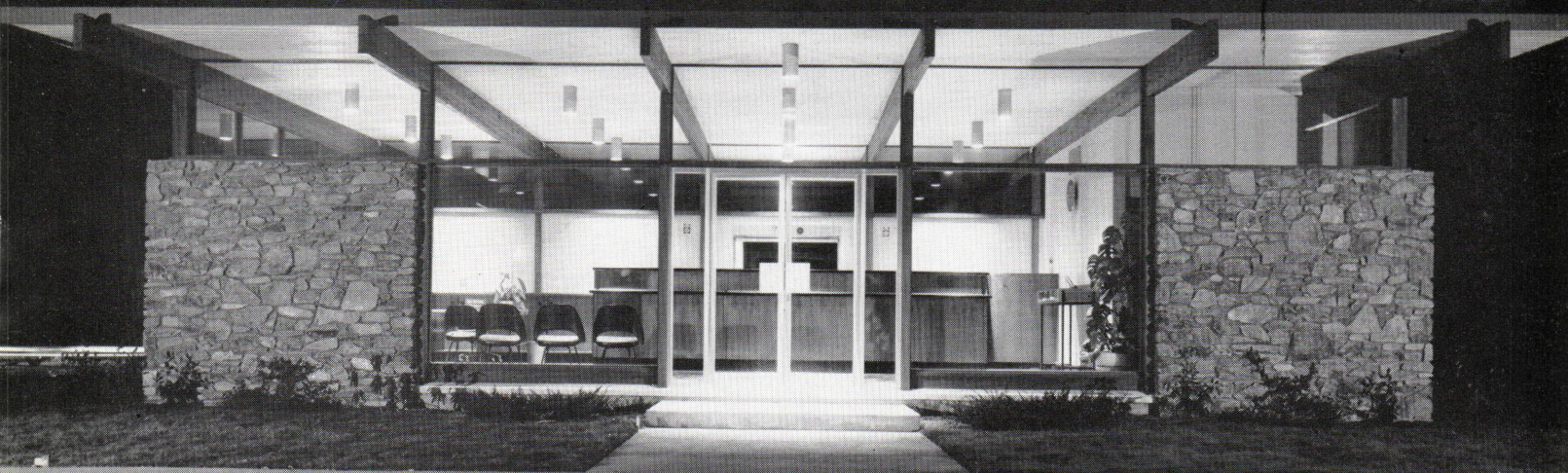
NCAIA

H O N O R

Sanford Brick & Tile Co. Office Building, Sanford, N. C.
Thomas T. Hayes, 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.,

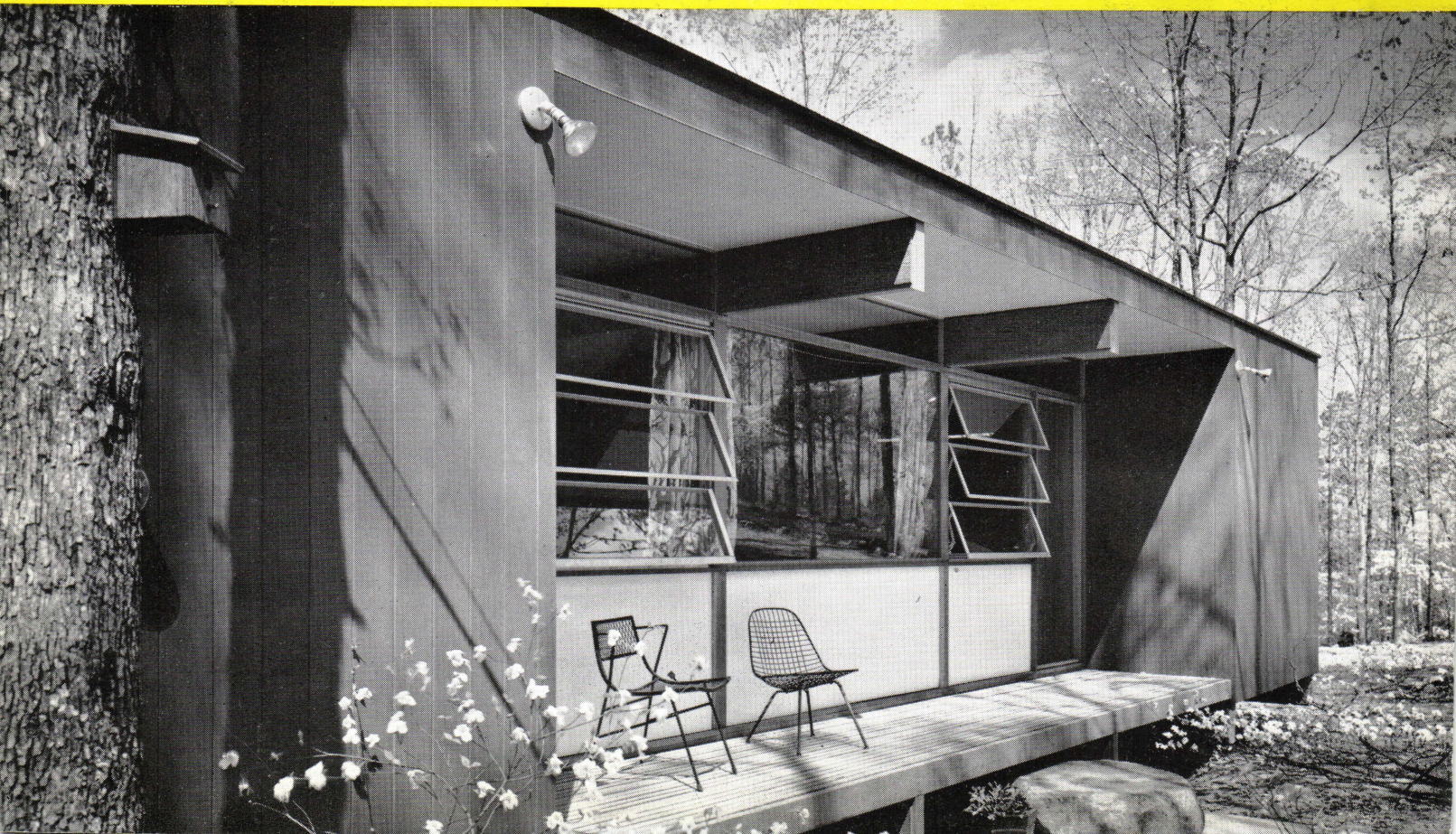
Z. B. Robinson Construction Co., General Contractor, Asheville, N. C.

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.

NCAIA

HONOR

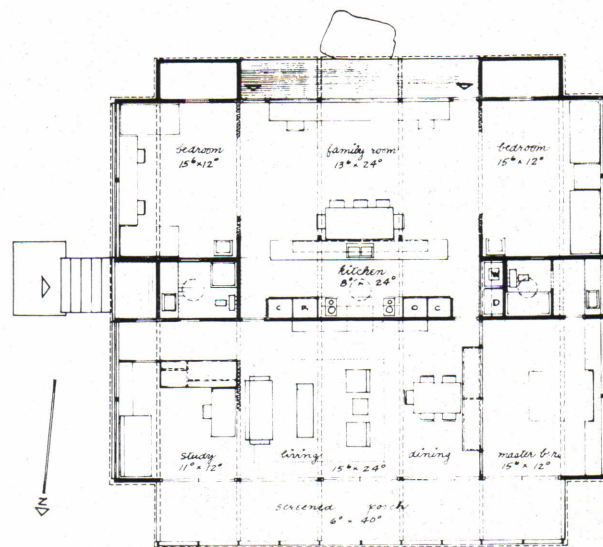
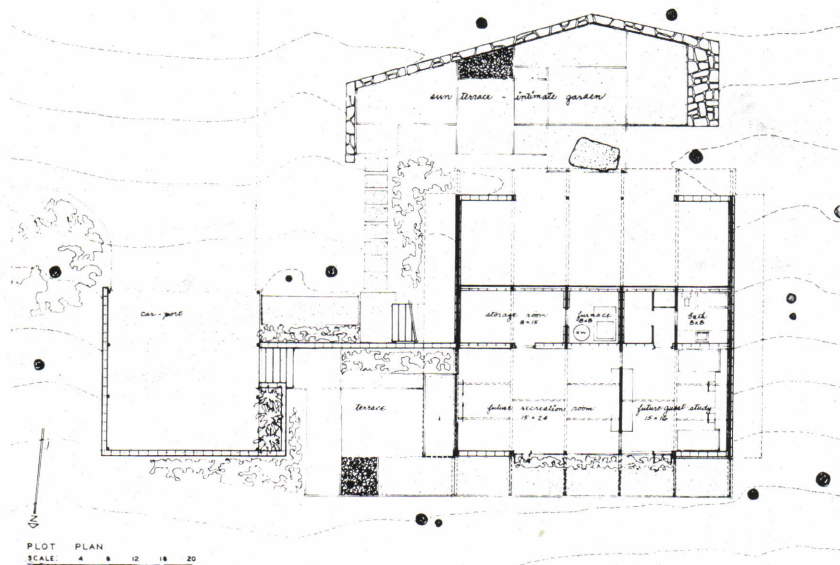
AWARDS

1960

Gregory Poole Residence, Raleigh, N. C.
G. Milton Small, AIA, George Matsumoto, AIA, Raleigh, N. C.,

Frank Walser, General Contractor, Raleigh, N. C.





HOUSE IN CHAPEL HILL

First of a series on award-winning projects.

Residence for
Mr. & Mrs. Milton Julian
Architect: George Matsumoto, A.I.A.
Raleigh, N. C.
Associate: Kenneth Scott, A.I.A.
Durham, N. C.
Contractor: Frank Walser
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.

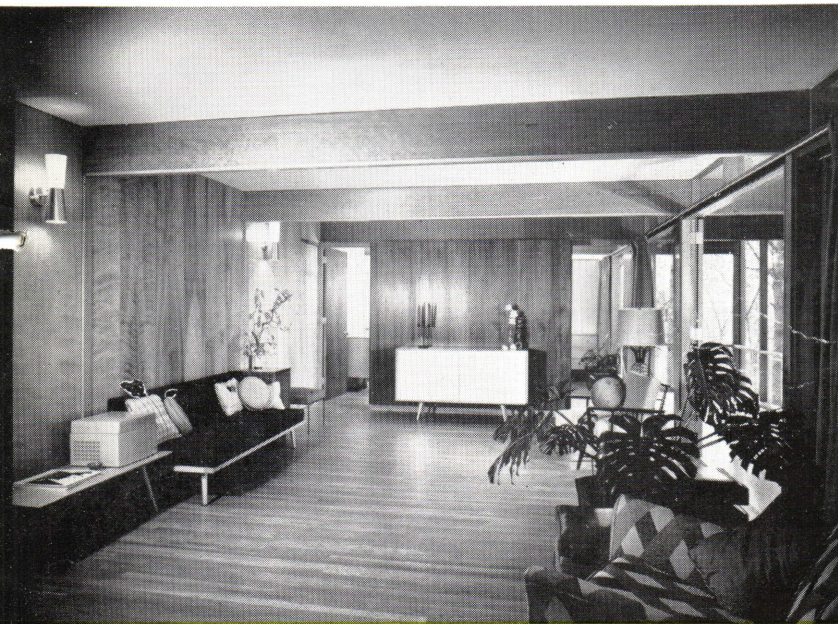
It is of rigid modular construction using standard materials with minimum tooling, wood frame over block walls, and 2" x 6" floor and roof joists over fir beams (5" x 14") and columns, spaced 8'-0" by 16'-0". The walls, roof, and floors are sheathed in 4' x 8' plycord, all ceilings are 1/2" x 4' x 8' sheetrock, and plywood panels and cabinets are 12", 16", 24", or 32" wide for minimum wastage.



H O U S E

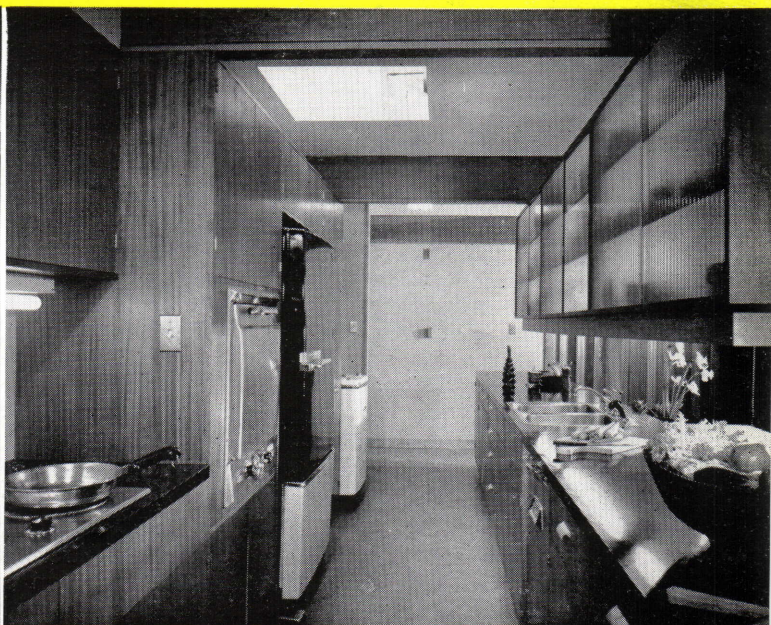
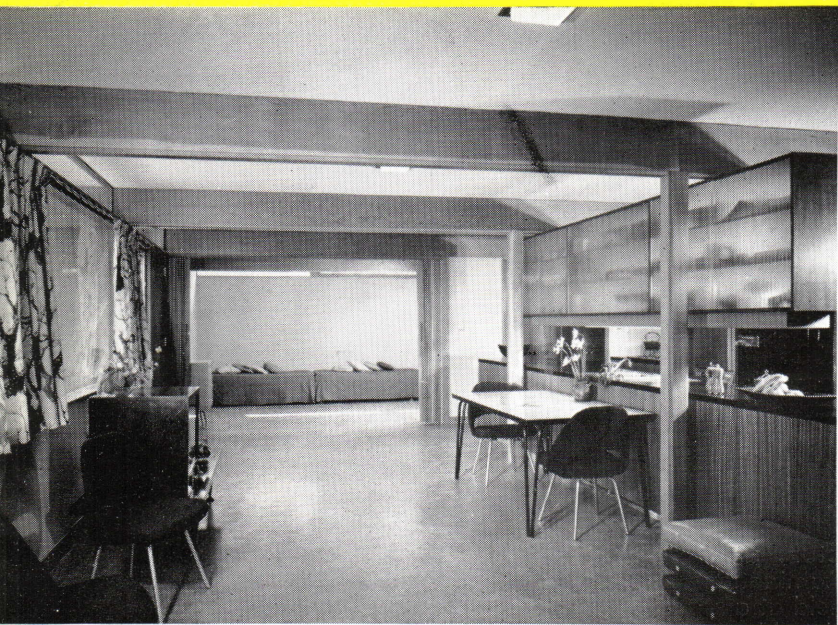
I N





C H A P E L

H I L L



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; Harry 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
Reps.: 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
Reps.: 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.

I

INDUSTRIAL & TEXTILE SUPPLY CO., INC.

Yale & Towne Hardware
Representative A. Gene Moore
1300 S. Mint St., Charlotte, N. C.

K

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

N

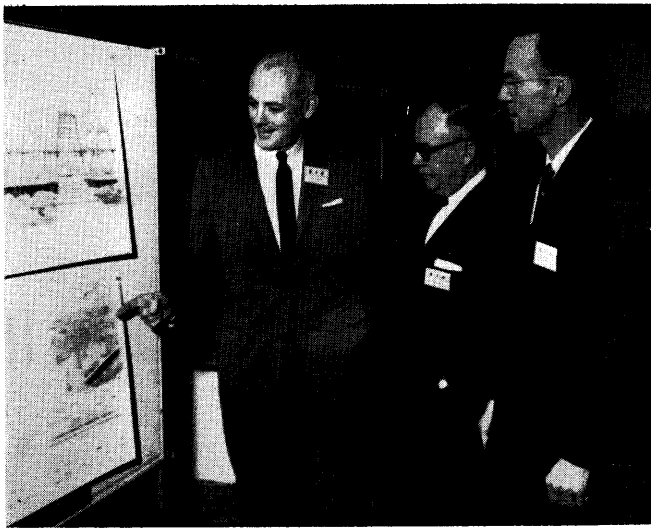
N. C. CONCRETE MASONRY
ASSOCIATION
Box 10533 — Raleigh, N. C.
Member firms listed in our ad
page 21

R

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.



SCAIA 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. Blackwell succeeds A. Hugh Chapman, Jr. of Spartanburg, pictured on the right in the photo above. Others pictured are A. G. Odell, Jr. of Charlotte, South Atlantic District AIA Director, left, and Robert L. Clemmer, of Hickory, N. C. Chapter AIA President who attended the meeting.

MORE AND MORE ARCHITECTS NOW SPECIFY . . .

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



FIRST IN REFLECTIVE INSULATION



BOX 1050, DURHAM, NORTH CAROLINA



THE MABIE-BELL COMPANY

P. O. Box 2909 - Phone BR 4-7674 - Greensboro, N. C.

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.



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-Balanced to permit a wide range of harmonious blends that will never fade. Made of durable real clay, Suntile resists 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.

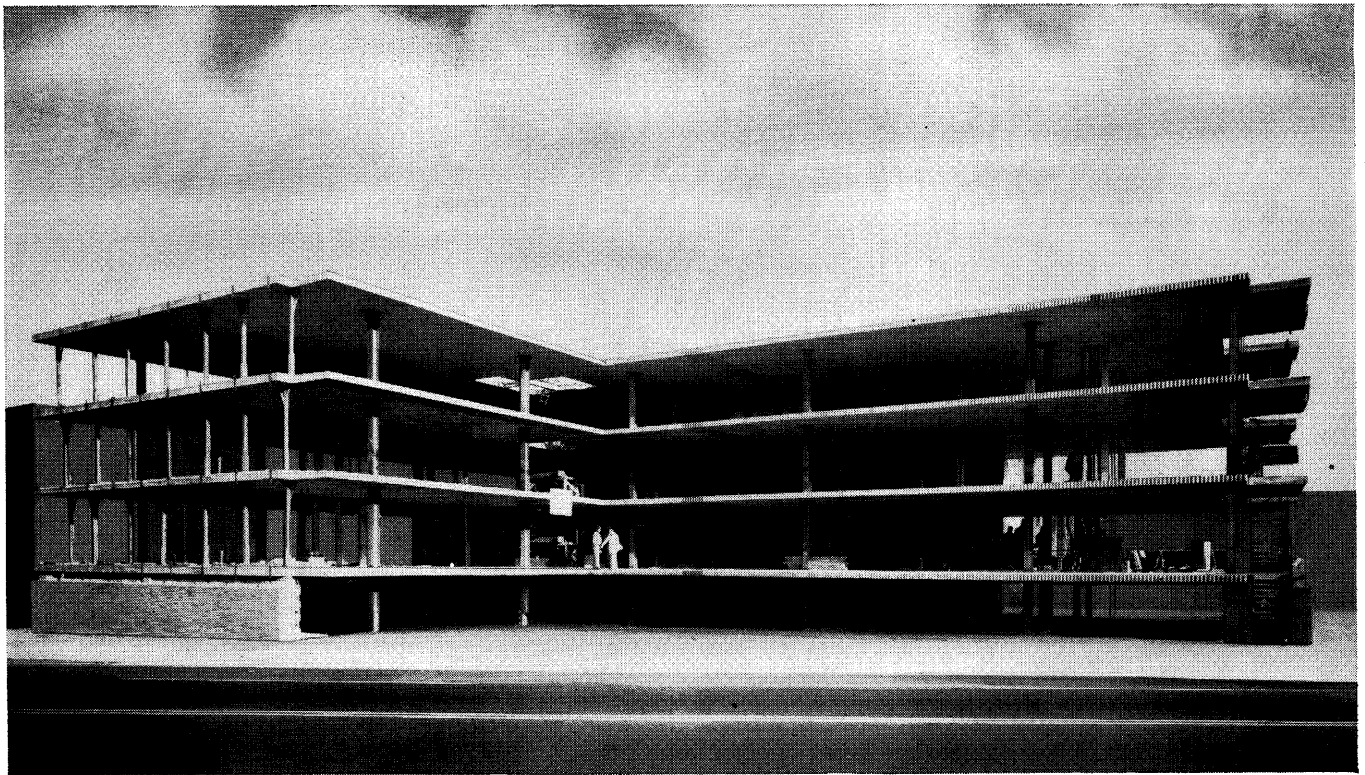
Let us help make your bathroom or kitchen more beautiful—more useful.

Renfrow Distributing Co., Inc.

1820 Sunnyside Avenue

Telephone ED 4-6811

CHARLOTTE, N. C.



*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

PLANTS
BREMO BLUFF, VA. LEAKSVILLE JUNCTION, VA.
AQUADALE, N.C. GREEN COVE SPRINGS, FLA.
OFFICES
RICHMOND, VA. CHARLOTTE, N.C.
JACKSONVILLE, FLA.

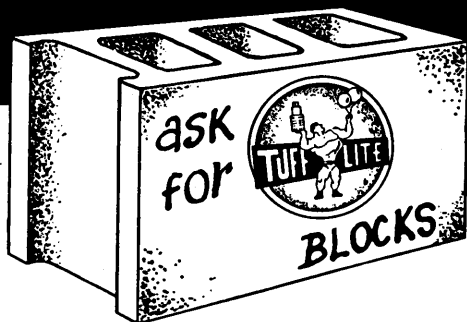
WHATEVER YOU BUILD—The professional advice of an architect or engineer can save you time and money—and provide the integrity of design that means lasting satisfaction.

EXPANDED-CLAY AND SHALE AGGREGATE

USE



it makes **BETTER LIGHTWEIGHT BLOCKS**
AND LIGHTWEIGHT CONCRETE



For Better Building

CAROLINA TUFF-LITE CORPORATION
P. O. BOX 1037 PHONE MEIrose 6-5231
SALISBURY, N. C.

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 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
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
Triece's Concrete Plant, Kannapolis

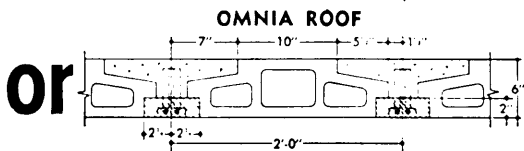
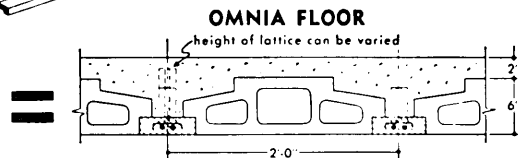
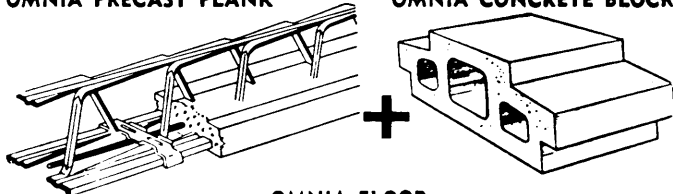
TESTED by recognized independent laboratories

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

OMNIA FLOOR AND ROOF SYSTEM

OMNIA PRECAST PLANK

OMNIA CONCRETE BLOCK



The OMNIA floor is monolithic in character and behaves structurally like a floor slab cast in place, yet requires no forming. It is lightweight and economical.

Let us furnish further information on this system and its advantages



DIXIE CONCRETE
PRODUCTS, INC.

Winston-Salem—Mt. Airy—Wilmington

DEWEY BROS., INC.

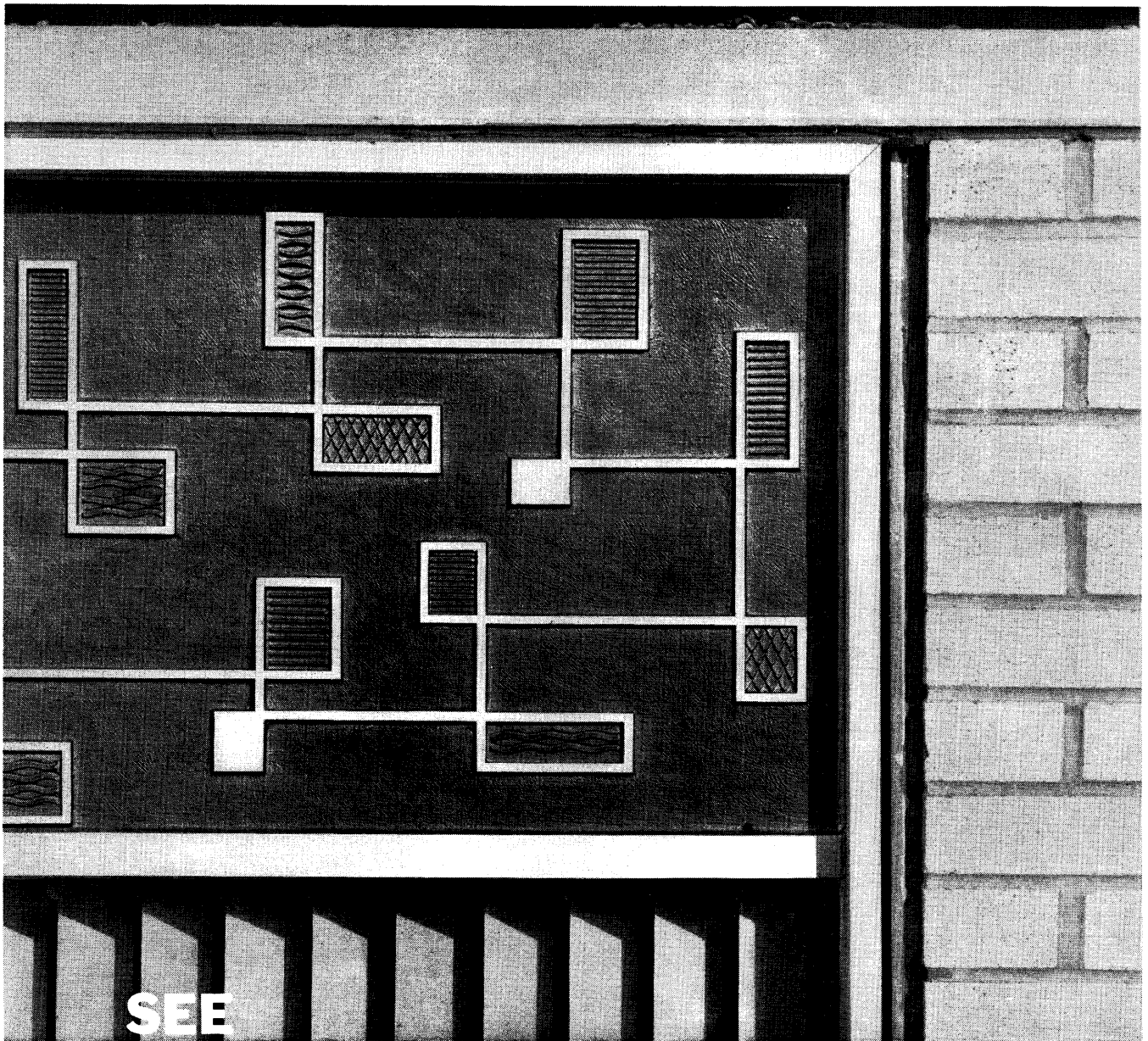
- Structural Steel
- Ornamental Iron
- Bar & Longspan Joists
- Miscellaneous Iron
- Metal Windows, Doors
- Building Specialties



DEWEY BROS., INC.

Goldsboro, N. C.

Grey Iron Construction Castings
Since 1885

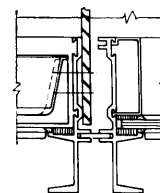
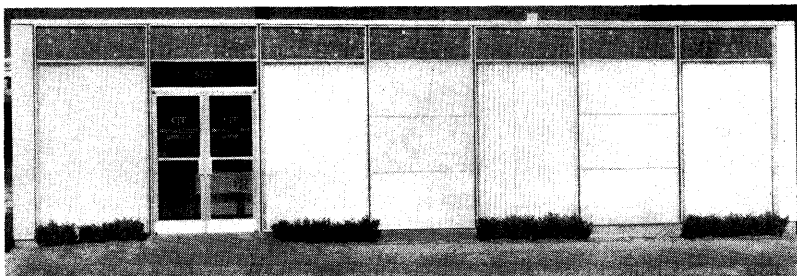


**SEE
FOR**

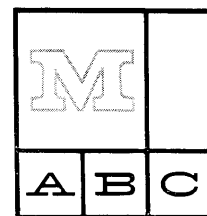
YOURSELF ...how the quality of castings gives texture to a wall. Compare the strength, the freedom of design, the precision assembly you get with this unique new Curtain Wall System by Michaels. Here is a system developed for architects to express aluminum curtain wall in a different way, without the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



VERTICAL MULLION



STRUCTURAL
PRECAST & PRESTRESSED

CONCRETE

ARNOLD STONE CO.

P. O. Box 3346

Greensboro, N. C.

Phone CY 9-3563



In **BRICK**
and **TILE**

IQ means *quality*
ISENHOUR

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

ISENHOUR Salisbury, N.C.
Affiliate, **TAYLOR Clay Products**

F. N. THOMPSON Inc.

GENERAL CONTRACTORS



Charlotte, N. C.

Tel. JA 3-0515

Raleigh, N. C.

Tel. TE 4-0785

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

**Mc Devitt & Street
Company**

GENERAL CONTRACTORS

505 Builders Building

Charlotte, North Carolina



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

For beauty and permanence . . .

BORDEN

FACE BRICK

BUILDING BRICK

STRUCTURAL TILE

DRAIN TILE

Borden
BRICK & TILE CO.

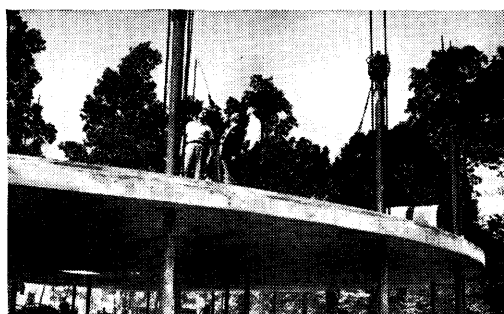
GOLDSBORO
RE 4-3771

SANFORD

DURHAM



12-room concrete school in 3 months with unique "lift-slab" method!



Classrooms coming up! *Observing one of the 23 jacks used to lift the roof slab are Gregory Lauer, builder; James McCarron, architect; Dorsey Moss, engineer.*

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...

CONCRETE

**MONARCH
ELEVATORS**

*Serving
the South*

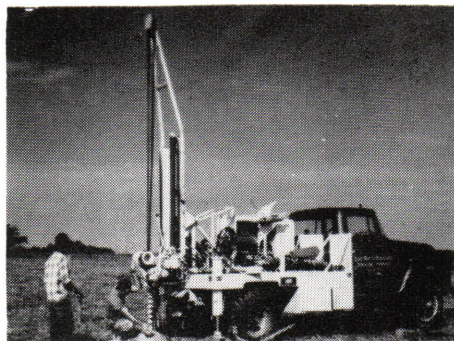
Monarch strives to provide the finest in elevator engineering, manufacturing, installation, and service. Call for full information on electric and oil-hydraulic freight and passenger elevators, dumbwaiters, and residence elevators. We invite you to visit our plant.

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

Leading Elevator Manufacturer in the South

Ezra Meir & Associates

709 W. Johnson St. Raleigh, N. C.
Phone TE 4-8441



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

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



For Wall's
of
Fashion

MANUFACTURED only by

SMITH CONCRETE PRODUCTS, Inc.

KINSTON, N. C.
Phone JA 3-5136

B O R E N

CLAY PRODUCTS COMPANY

Manufacturers of

B R I C K

for Color and Texture
Phone Greensboro OR 4-2255

Offices

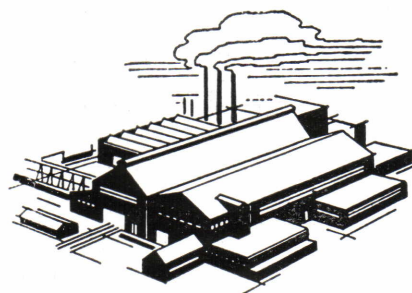
PLEASANT GARDEN, N. C.

—TYPE—

Colonial
Antique
Handmade
Tapestry
Common
Special Shapes

—SIZES—

Standard
Modular
Oversize
Roman
Norman
Jumbo



•
STRUCTURAL STEEL

•
STEEL STAIRS

SOULE STEEL & IRON CO.

901 North Church Street

Tel. ED 2-4580

CHARLOTTE, N. C.

Index of Advertisers

	page
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. Coble 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 Mabie-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.

APRIL 18-22: AIA Annual Meeting, San Francisco, California.

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.

BRICK the imaginative material

COLOR

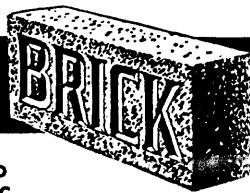
TEXTURE

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 • 3235 S. BOULEVARD
PHONE JA 3-6716 • CHARLOTTE, N. C.

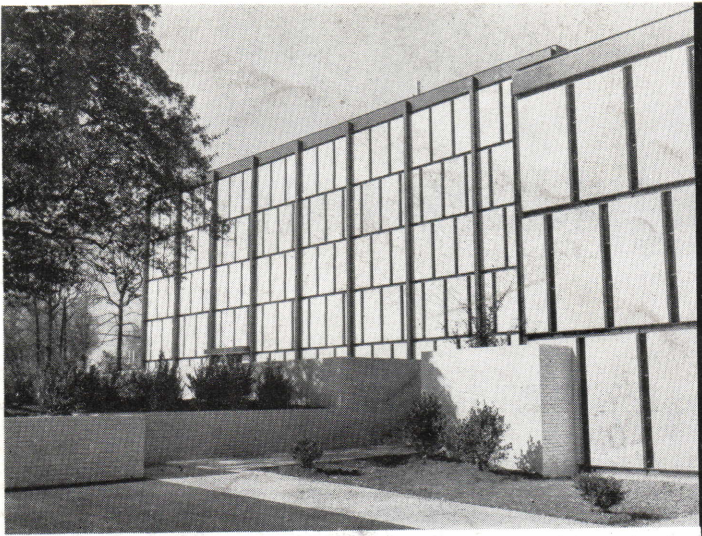
PLANT NO. 1—MT. HOLLY, N. C.
PLANT NO. 2-3-4—MONROE, N. C.

Modern Living Sign ---

The Total-Electric **MEDALLION HOME!**

ARCHITECTS! For full details, just call your
nearest CAROLINA POWER &
LIGHT COMPANY representative.





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

The architectural
effects possible
with brick are
limited only by
the imagination
of the designer.

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

