

# SOUTHERN ARCHITECT



PUBLISHED BY THE NORTH CAROLINA CHAPTER, AMERICAN INSTITUTE OF ARCHITECTS

JUNE 1961



1961 SUMMER CONVENTION  
MOREHEAD CITY, N. C. 15 16 17 JUNE



## WOOD POST

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# SOUTHERN ARCHITECT



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J. B. WIGGINS

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JUNE 1961  
VOLUME 8  
NUMBER 6



It is indeed gratifying to hear the sound of applause and the words of praise for those young men and women who at this season of the year have completed their formal education to enter a new realm of life. At a time when we have heard much about the irresponsibility, the lowering of moral standards by our young men in connection with the basketball scandal at our State schools, we of the architectural profession, and especially The American Institute of Architects, extend to Dean Henry Kamphoefner of the School of Design at North Carolina State College our thanks and appreciation for his continued efforts in keeping the standards of that school at the highest level. The accomplishments of the school have been many and we extend to him and to his staff our thanks and vote of confidence in the continued success in the future.

We extend to the seventeen graduates of the School of Architecture and the one graduate of the School of Landscape Architecture our congratulations and best wishes. Especially do we commend Frederick Grieger of New York as winner of the A.I.A. School Medal, a winner of the Henry Adams Fund Book Award of A.I.A. and the Award for Distinguished Design by the N.C.A.I.A. To Charles Miller, Thomas Van Aarle, Duncan Hudson, and Michael Kinlaw, we also extend congratulations as winners of the Henry Adams Fund Book Award of the A.I.A. and recognition for Distinguished Design

by the N.C.A.I.A. All of these men graduated with honors.

To Professor Lewis James Clarke of the School of Design, Department of Landscape Architecture, we extend our congratulations for being voted the "Distinguished Classroom Teacher of the Year" by the 1961 graduating class of North Carolina State College. Professor Clark was selected for the award from nominations from each of the college's eight schools. We wish for him and Mrs. Clarke a most pleasant trip to England for the summer and look forward to his return to the School of Design next fall.

"The profession of architecture calls for men of the highest integrity, judgment, business capacity, and artistic and technical ability. An architect's honesty of purpose must be above suspicion; he acts as professional adviser to his client and his advice must be unprejudiced; he is charged with the exercise of judicial functions as between client and contractors and must act with entire impartiality; he has moral responsibilities to his professional associates and subordinates; he is engaged in a profession which carries with it grave responsibility to the public. These duties and responsibilities cannot be properly discharged unless his motives, conduct and ability are such to command respect and confidence."

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



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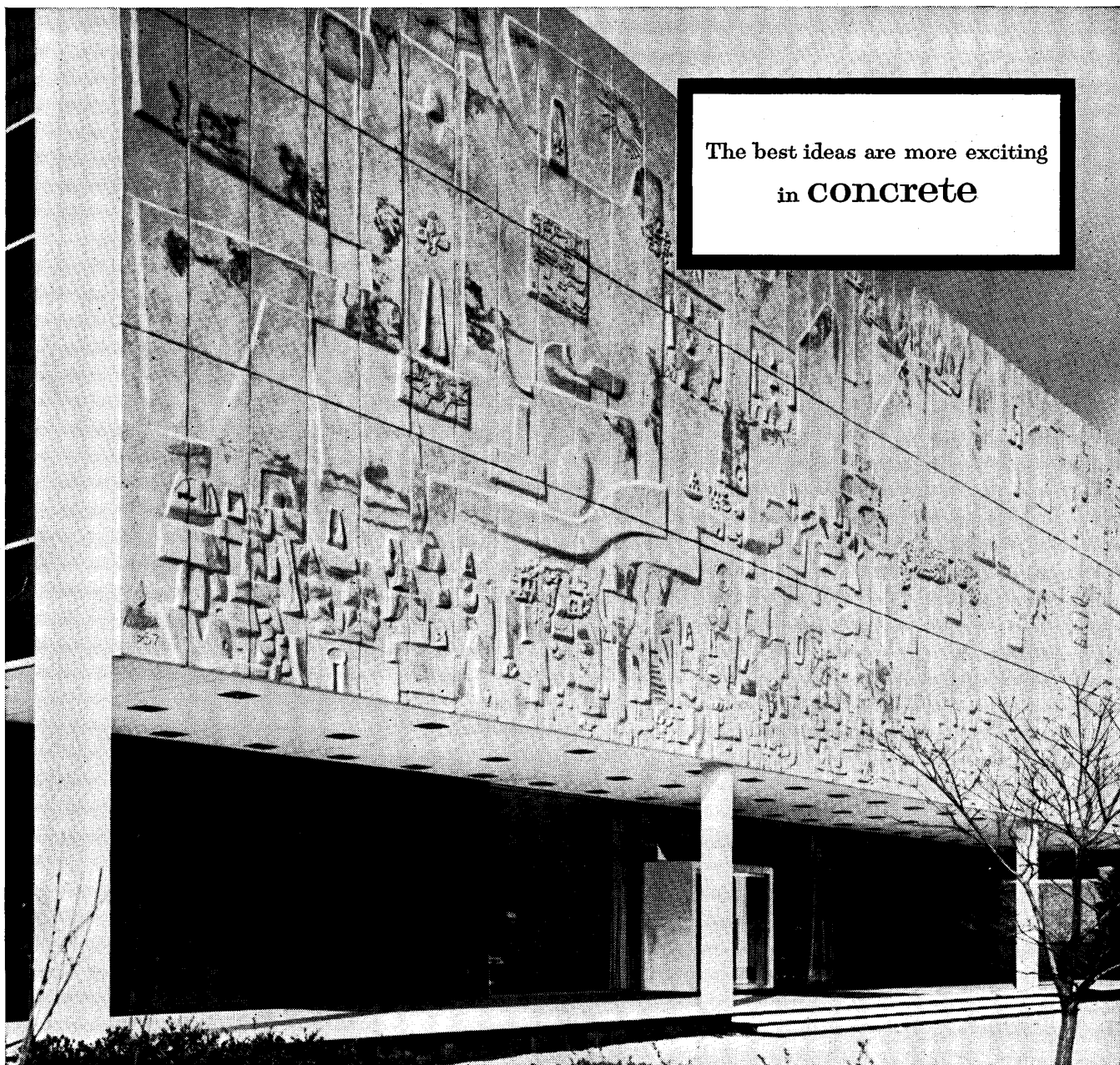
Hickory, North Carolina

*Milner Memorial Presbyterian Church  
Raleigh, North Carolina*

*Architect: F. Carter Williams, A.I.A., C.A.G.A.  
Raleigh, North Carolina*

*Consulting Architect: Harold E. Wagoner, A.I.A., C.A.G.A.  
Philadelphia, Pennsylvania*





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*Impressive new home office of Mutual Insurance Company of Hartford, Hartford, Connecticut. Architects: Sherwood, Mills & Smith, Stamford, Connecticut. Structural Engineers: Werner-Jensen and Korst, Stamford, Connecticut.*

## Only in precast concrete... curtain walls of sculptured beauty!

To achieve the striking design effect pictured here, the architects chose precast concrete. With it they turned the fronting wall of the building into an heroic bas-relief.

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This is just one example of how today's architects are using concrete to create outstanding decorative effects in buildings of every purpose, every size and type.

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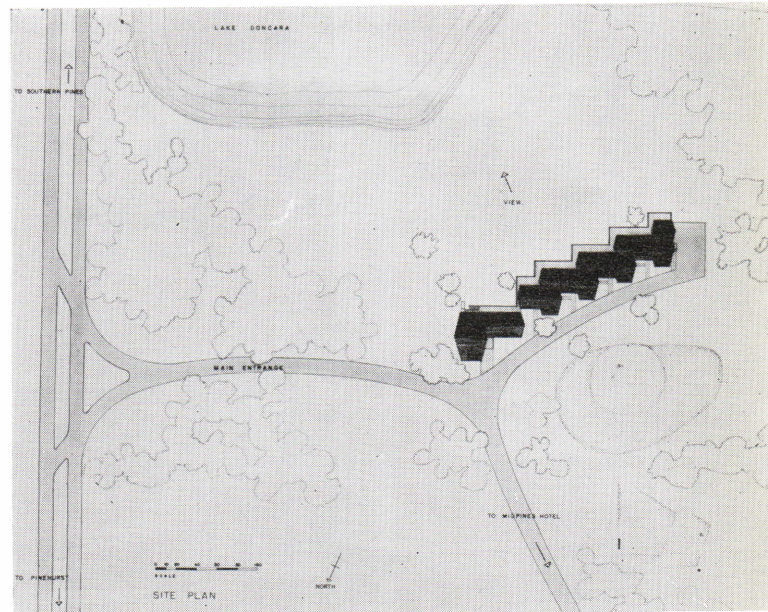
1401 State Planters Bank Bldg., Richmond 19, Virginia

*A national organization to improve and extend the uses of concrete*



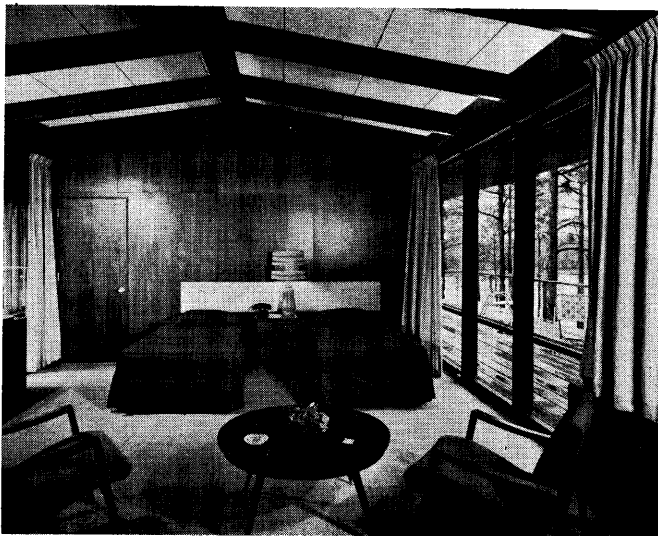
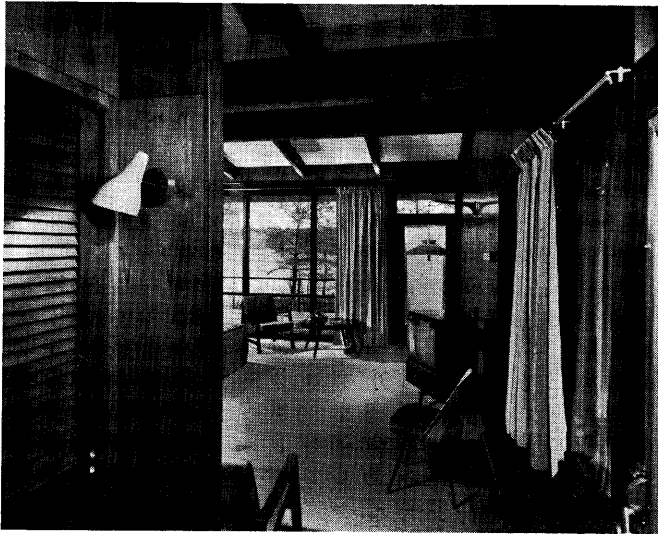


GOLFOTEL, PINEHURST, N. C.



NCAIA AWARD OF MERIT 1961





This project was designed as an annex to the Mid Pines Club (hotel with its own golf course) to be used primarily by golfing groups. The Owner desired that privacy be maintained as much as possible, but at the same time that it be flexible enough to allow two or more units to be rented together.

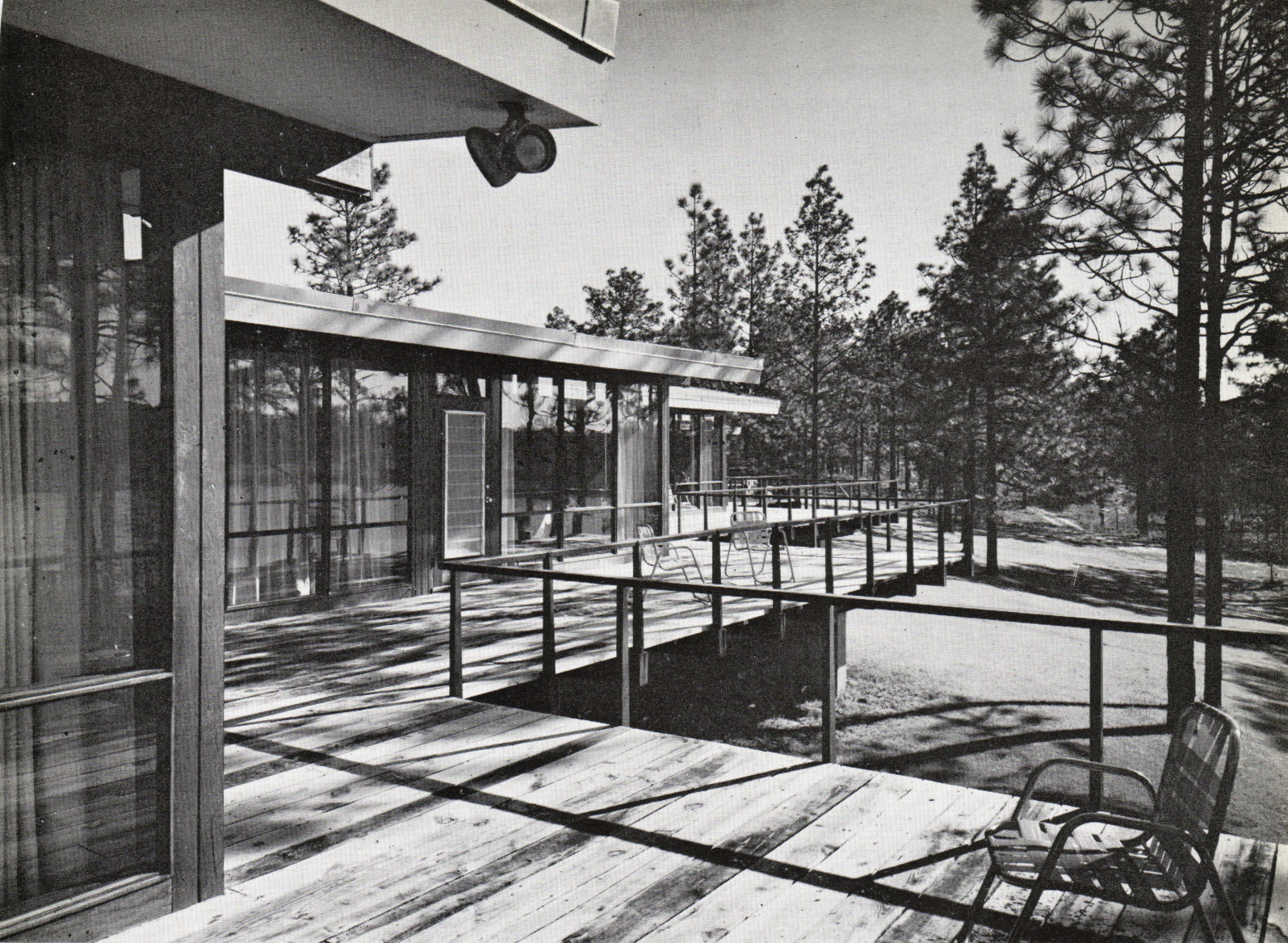
The offset pattern was therefore used, with connecting, soundproofed doors for each room. The low pitched roof, textured block foundation wall, and exterior panelling maintain the feeling of the pine grove and golf course character. A continuous wood deck overlooks the lake, constructed in the offset pattern to conform to the contour of the building and provide a measure of privacy on the exterior.

The structure is floor joists on steel beams; wood floors; exposed wood beams and post construction; acoustical roof deck. Soundproofing is provided by roof deck, insulation in walls, specially constructed connecting doors.

The interior generally consists of one glass wall, pandanus and walnut panelling on the remaining walls. Accent colors are provided by draperies and furniture.

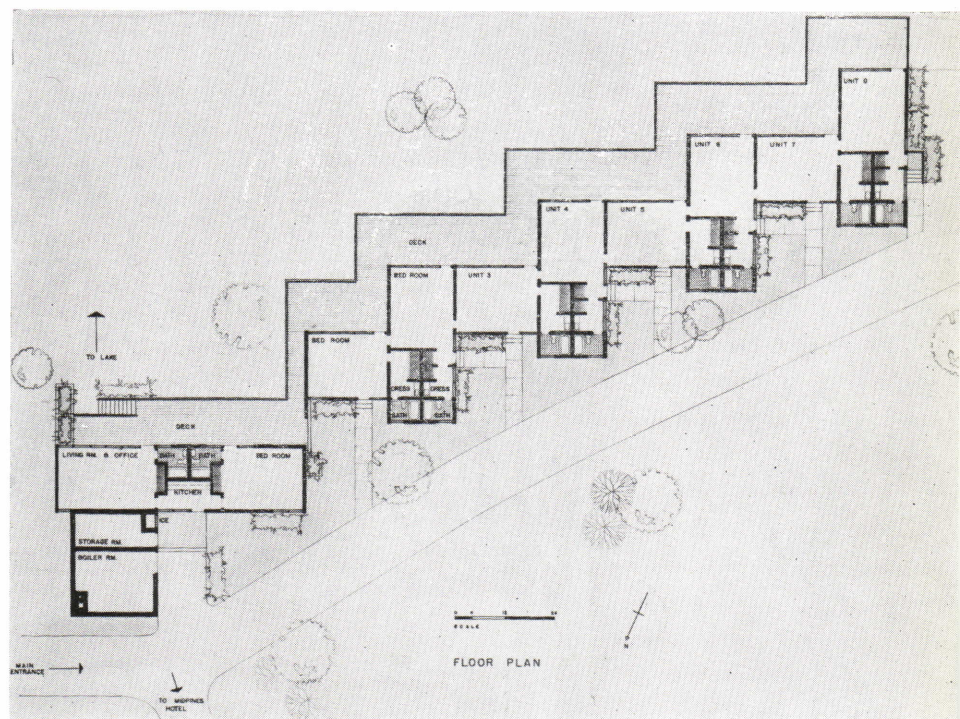
Heating and air conditioning is furnished by an oil-fired, hot and chilled water system with individual room controls. Lighting is by wall-hung lamps.



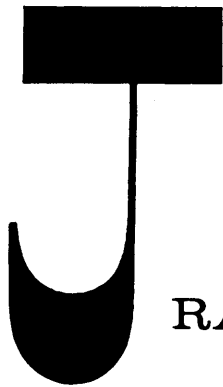
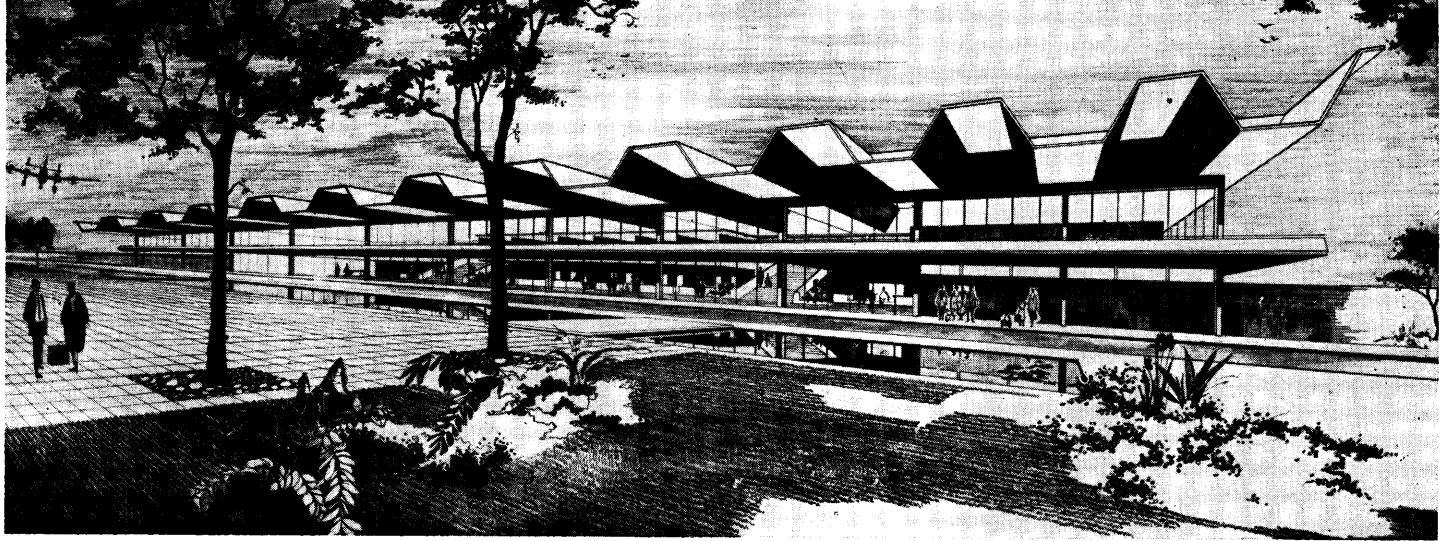


Photos by Joseph W. Molitor

Owner:  
Mid Pines Club  
Architect:  
Hayes, Howell & Associates  
General Contractor:  
W. L. Jewell & Son, Sanford  
Mechanical Engineer:  
Walter G. Smith, Durham







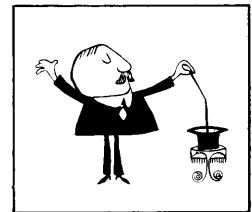
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# official program

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## 1961 SUMMER CONVENTION

NORTH CAROLINA CHAPTER AMERICAN INSTITUTE OF ARCHITECTS

BILTMORE MOTOR HOTEL  
MOREHEAD CITY, N. C.

15      16      17      JUNE

THURSDAY  
15 JUNE

A M

P M

1:30 REGISTRATION

2:00 RECREATIONAL ACTIVITIES

3:00 EXECUTIVE COMMITTEE MEETING

#### ACTIVITIES

2:00 FISHING CONTEST  
(THIS CONTEST WILL RUN CONTINUOUSLY  
DURING THE CONVENTION WITH PRIZES  
BEING AWARDED ON SATURDAY NIGHT)

WATER SKIING (INSTRUCTIONS AVAILABLE)

5:30 SOCIAL HOUR, CORAL BAY CLUB,  
ATLANTIC BEACH

PRESENTATION TO MEMBERSHIP OF  
MARSHALL I. PICKENS, HONORARY  
ASSOCIATE OF THE NORTH CAROLINA  
CHAPTER, A.I.A.

7:00 DINNER AND EVENING ON YOUR OWN



FRIDAY  
16 JUNE

8:30 BREAKFAST FOR EXECUTIVE COMMITTEE,  
COMMITTEE CHAIRMEN, COUNCIL PRESIDENTS

9:00 REGISTRATION CONTINUES

10:00 BUSINESS MEETING, ALBERT L. HASKINS, JR.,  
PRESIDENT, PRESIDING

INVOCATION — THE REVEREND BARNEY  
DAVIDSON

WELCOME — THE HON. GEORGE W. DILL,  
MAYOR, MOREHEAD CITY

REPORT ON NATIONAL CONVENTION

*Wives of members are invited*

11:00 COMMITTEE WORKSHOPS

A M

P M

## ACTIVITIES

1:00 LUNCHEON ON YOUR OWN

2:00 FISHING CONTEST CONTINUES

3:00 WATER SKIING,  
OTHER RECREATIONAL FACILITIES AVAILABLE

5:30 COCKTAILS, CORAL BAY CLUB, ATLANTIC BEACH

7:00 BANQUET, CORAL BAY CLUB

8:30 DANCING, MUSIC BY JIM CRISP AND HIS  
ORCHESTRA, CORAL BAY CLUB

*Recreational Director will take charge of children's  
activities during Convention*



8:00 - BUFFET BREAKFAST, BILTMORE  
10:00 MOTOR HOTEL

9:30 REGISTRATION CONTINUES  
BUSINESS MEETING  
INDUCTION OF NEW MEMBERS  
*Wives of members invited.*

**SATURDAY**  
**17 JUNE**

10:00 PUBLIC RELATIONS WORKSHOP  
WILLIAM W. DODGE III, CHAIRMAN PUBLIC  
RELATIONS COMMITTEE  
WILLIAM R. JAMES, JR.

12:00 BUSINESS MEETING ADJOURNED

A M

P M

**ACTIVITIES**

12:30 BUSES LEAVE FOR TRIP TO TRYON PALACE,  
NEW BERN  
PICNIC LUNCH SERVED ON BUS

2:00 FISHING CONTEST CONTINUES

3:00 WATER SKIING EXHIBITION (BY YOU)

4:30 BUSES RETURN FROM TRYON PALACE

5:30 COCKTAILS, BILTMORE MOTOR HOTEL

6:30 SEAFOOD DINNER, BILTMORE MOTOR HOTEL

8:30 DANCING & CABARET STYLE PARTY, JIM CRISP  
AND HIS ORCHESTRA, BILTMORE MOTOR HOTEL  
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FRIDAY COCKTAIL PARTY  
FRIDAY, ORCHESTRA & DANCE  
  
SATURDAY, BREAKFAST  
SATURDAY, BUSES TO NEW BERN  
SATURDAY, COCKTAILS & SEAFOOD DINNER  
SATURDAY, ORCHESTRA & DANCE  
FRIDAY & SATURDAY COFFEE BREAKS



It was eight o'clock — an hour before Denmark's October sunrise — when we entrained for our Kalundborg invasion. We were ninety third-year students from the Royal Academy, ten of the Academy faculty, and a Fulbright representation which included a professor, four architects, and an architectural historian. The chartered coach was crammed with people, bags, notebooks, drawing equipment. Two hours across the rolling Danish countryside brought us to Kalundborg for the Academy's annual three-day fall study-tour.

This tour — last year to a town on the isle of Funen — serves at once several educational functions: a smaller version of later trips; a melding of the class and the faculty into a unity; a training in group work as well as independent student work; a basis for the year's design problems; an acquainting with both old and new in building and planning; a chance for students to be in the fresh air of a new environment and away from the "ivory tower" of the drafting room. In former years one might say fresh air **and** sunshine, for past years have provided beautiful weather; but 1960 provided plenty of water for students water colors!

This fall tour is a primer for advanced and extended trips the students will take in future years at the Academy. Last year's tours (for various upper classes) were to Portugal or Greece or Finland for periods of two to four weeks. The Danish building industry and grants help foot the costs of extended trips. The objectives of these longer trips are similar to those of the Kalundborg trip; but the extended length of time and the totally different environments further the educational objectives.

The "melding" furnished by the trip is required by this third-year group, for the students are involved in differing phases of architecture and come from widely divergent preschooling. A part of the students has had two years of instruction in Copenhagen at the Royal Academy. But another part of the students has had two years in technical high schools (which corresponds to our American junior college training). Moreover, these ninety include students specializing in city planning, landscape architecture, architecture of buildings, or restoration of historical buildings — the Academy awards degrees in all these fields. So the tour gave students and faculty — and the Fulbrighters, too — a chance to meet and know each other in an exciting atmosphere of discovery and work.

The students were divided into groups under faculty leadership; but they were able, at the same time, to do individual work of their own choosing. Their techniques could include photographing, drawing, painting, measured drawing, or any of the various tools available to an architect studying an environment.

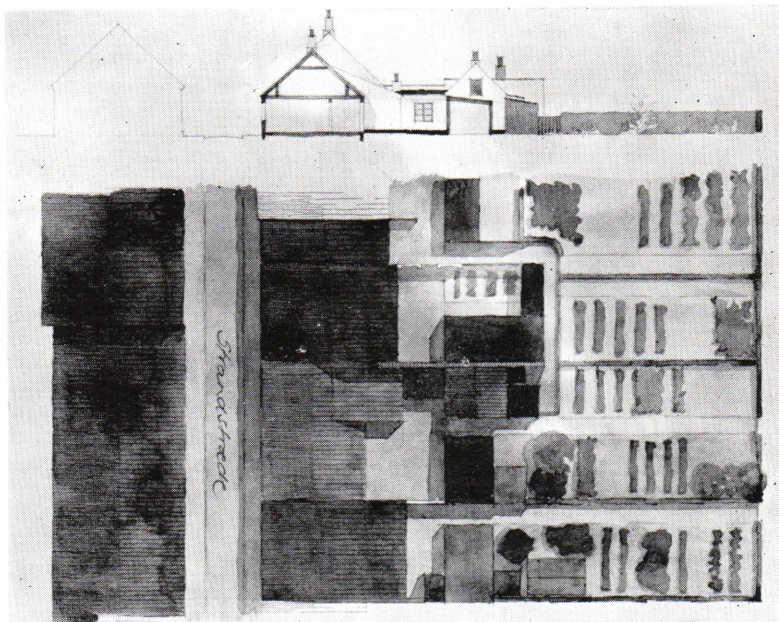
With the additional reality of actual site and environmental conditions, the students could gain more interest in the housing, town-planning, or historical studies which throughout the year will be based on the problems of Kalundborg. We say that the best architectural solutions come from the "tightest" problems; so the greater the amount of reality injected into student work, the greater — and the Royal Academy proves this — the greater the resultant quality of their work.

In character with the number of things to be accomplished with the Kalundborg invasion was the complexity of the city itself. Kalundborg is a city of 8,000 inhabitants on the west coast of Denmark's largest island, Sjælland. Kalundborg's protected harbor at the end of Kalundborg Fjord suits it ideally as an all-weather port. The land on the east and south ends of the harbor is relatively flat, but on the north the land rolls up to one high hill, down and up again to a long hill which provides a northern boundary to the city.

Around this first mound-like hill on the north was located the medieval Kalundborg. The site is dominated by the 12th Century cathedral. At a lower eastern elevation stood the now-destroyed castle. Between the cathedral and the site of the old castle stand many fine houses dating back to the 15th to 17th Centuries.

## THE KALUNDBORG INVASION

by Charles M. Sappenfield, AIA



Plan and section in pencil and watercolor of a typical street in Kalundborg. (Drawn by Sten Johnsen and Jens Chr. Kristensen)

Charles M. Sappenfield, AIA, is a member of the North Carolina Chapter from Asheville who is spending a year studying in Denmark on a Fulbright Scholarship. His article on THE KALUNDBORG INVASION first appeared in the "Fulbright Monitor Denmark."



On the long hill behind the city are several housing developments; the unused farmland is rapidly being destroyed by subdividers and speculative builders. As in America, the engineer with his bulldozer and law of cut-and-fill rules this new housing area; the agrarian background for the city and the natural contours of the land are rapidly disappearing. One of the present charms of Kalundborg is one's ability to look from almost any location and see the Kalundborg Fjord, the Cathedral, or the surrounding farmland.

On all three sides of the harbor are many small new commercial structures. But radio antennae and a large grain silo now dominate the cityscape which was formerly centered by the five spires of Kalundborg Cathedral. Opposite the city, on the south side of the fjord, now rises the ugly engineered hulk of a steam generating plant. In addition to the rapid rise of smaller industries around the harbor, there is now rising one of Europe's largest oil refineries. This American-financed enterprise, according to a special article in the "Berlingske Tidende," will increase the economy and population by 20% and, certainly, the rapid uglification of Kalundborg by an equal amount.

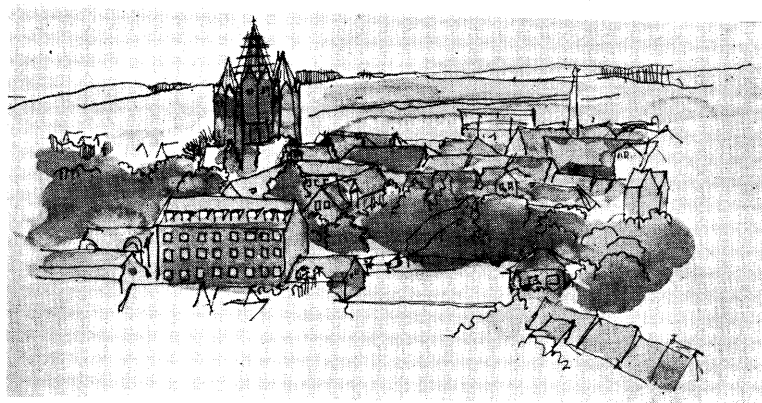
So Kalundborg — with its medieval character, its fine cathedral and old houses, its lack of planning in this century, its current problems of housing both new industry and new people, its non-ivory tower realities — makes an ideal object for the variety of students seeking a variety of problems. For this tour there was also to be seen Lerchenborg Castle with its 18th Century manor house, farm buildings, and church, as well as the little peninsula town of Reersoe, thirty kilometers down the coast.

The trip, however, had not really begun on the train: there had been a three-hour briefing session in the Academy the preceding week. This small session corresponds with the briefs which are now being held for trips next spring: one group of students will travel to the West Indies for six weeks and another group will travel to Spain for three weeks. So complete is this planning that the Spain group are receiving special Spanish language lessons. But the Kalundborg Briefing consisted, first, of a series of slides and explanations by a city planner on the development of north German and Danish plans leading up to the development of the plan of Kalundborg. Next, by the buildings restoration faculty, came a thorough explanation of the plans and restorations of Kalundborg Cathedral and the adjacent houses. And, finally, an architect explained Reersoe, Lerchenborg Slot, and Kalundborg housing.

So we invaded Kalundborg that cold, rainy morning with a fairly good knowledge of the town's history and problems, some orientation mapwise, and an inkling of what there was to be seen. This was the week of **Efterårsferie** (Autumn Vacation for the schools), so the local school provided sleeping quarters. When all sleeping bags had been tossed into school rooms, we re-assembled for lunch. This lunch at the headquarters hotel was banquet-style, as were to be all meals for the next three days. There was an introduction of the local planning officials, several more briefing notations, and a dividing-into-groups for pursuing the three-day program.

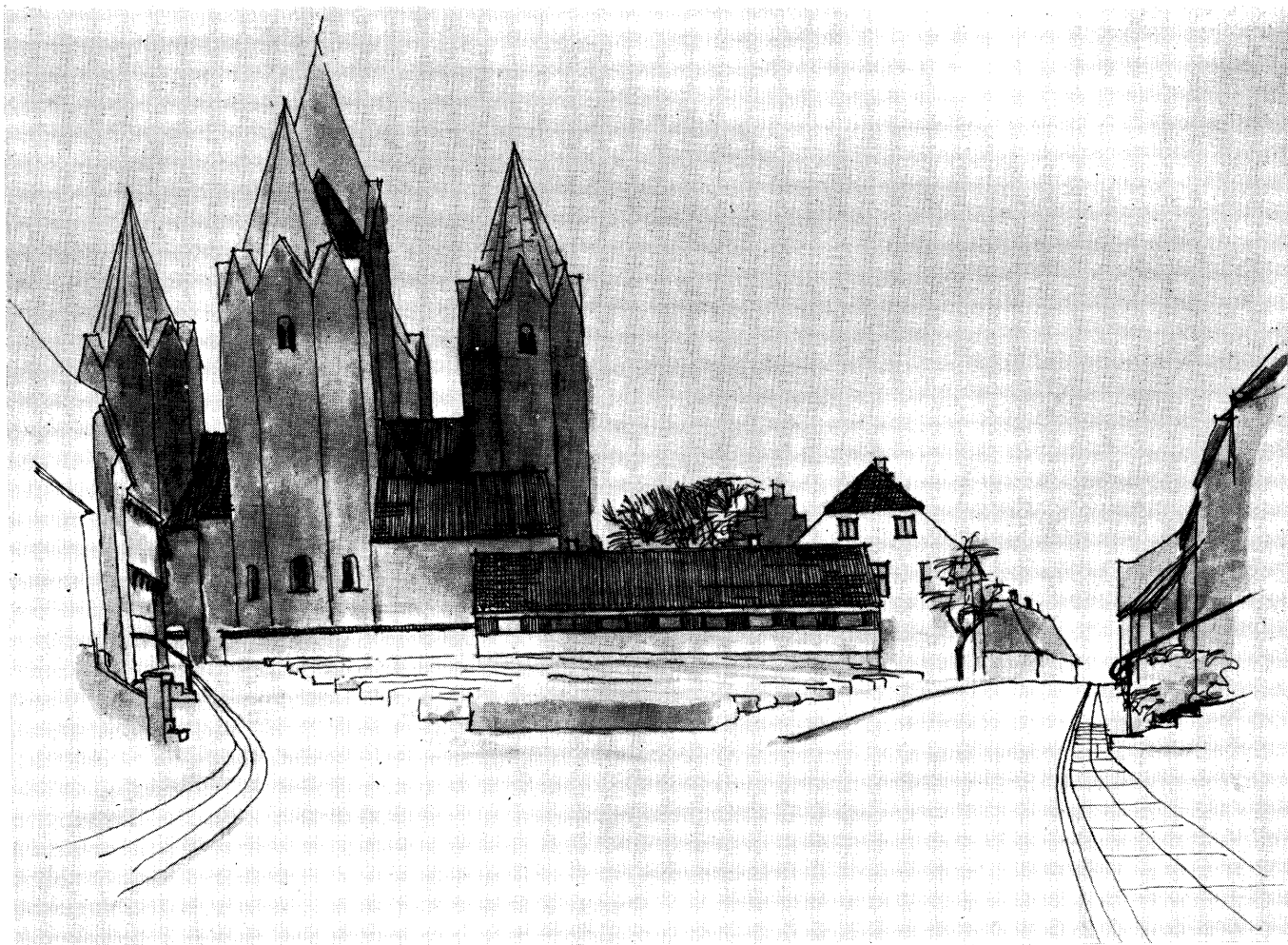
After lunch various groups made their various ways up the hill and through the old town to the cathedral. Here the head of the restoration department sermonized on the development of the church. Then came a trip through the adjacent town museum with its model of the 16th Century town. And, finally, all piled on busses for a tour through the old and new parts of the town, a trip to Lerchenborg Castle, and down the coast for a walk through Reersoe.

Reersoe is of great interest to architects and town planners because of its continuing and unspoiled medieval condition. It is almost an island, reached only by one very narrow road on a spit of land connecting the mainland. The smallness of the peninsula as well as its isolation have undoubtedly led to its preserved state.



*Bird's-eye view of the oldest section of Kalundborg looking north to the Kalundborg Cathedral and the rolling countryside beyond. (Drawn by student architect Jens Nielsen)*





*Ink-and-watercolor sketch of the Kalundborg Cathedral with its boxwood maze garden in the foreground.  
(Drawn by student architect Lars Nielsen)*

When the great Danish land reforms of the 18th and 19th Centuries were affected, Reersoe remained unchanged. Before reforms, Reersoe and other Danish farm towns consisted of dense mazes of houses, out-buildings, and winding streets. Each farmer could have, perhaps, three or four different plots of farmland or grazing land, each suited to some different form of cultivation but within walking distance of the central town of houses and barns. When the land reforms re-grouped these lands to make contiguous farms, Reersoe in its isolated position maintained the older system. Today it is a real education in a life of hundreds of years ago — and its town planning, its scale, its architecture.

After Reersoe, the group met that night in the school auditorium for the local planners' explanations of future plans for Kalundborg. Here was an opportunity to ques-

tion many of the things we had seen that day as well as prepare our thoughts for the next days. On the second and third days, faculty members distributed beer and coffee to the labors of dispersed painters, draftsmen, measurers, photographers. And the second night the rooms of the school echoed as never before with the noise and confusion of a beer fest. It was a tired but enlightened group which returned to Copenhagen that third day.

A very rewarding trip it was for the Fulbrighters, for very few foreign students get the chance to be so closely associated with both faculty and students on a common project. And rewarding it was, too, for these ninety students who could now understand that architecture is no mere paperwork but that architecture requires a real understanding of people, their culture, their environment, their future.



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CHARLOTTE, N. C.



# THE NORTH CAROLINA BOARD OF ARCHITECTURE

*The following article is based in the main on a publication issued by the N. C. Board of Architecture on October 31, 1959. Its purpose is to set down in simplified form some of the functions of the Board and some of the legal requirements that govern the practice of architecture in North Carolina.*

The organization charged with supervision of all phases of the practice of architecture in our State is known as the North Carolina Board of Architecture. It came into being by act of the North Carolina General Assembly in 1915 and has been continuously in operation since that time.

It is composed of five persons who are reputable architects living in the State of North Carolina, who have been engaged in the practice of architecture at least ten years. Membership on the Board is for five years with an annual vacancy filled by an appointment by the Governor of North Carolina. The Board must meet at least once annually to elect officers and transact business. It appoints its own executive secretary-treasurer who maintains all records of the Board.

The Board has many functions that are equally important, complicated and time consuming. One is to determine who is qualified to practice architecture and thereby call himself "Architect". The practice of architecture consists of "rendering or offering to render services by consultation, investigations, evaluations, preliminary studies, plans, specifications, contract documents, and a coordination of all factors concerning the design and supervision of construction of buildings or any other service in connection with the designing or supervision of construction of buildings located within the boundaries of the State, regardless of whether such services are performed in person or as the directing head of an office or organization performing them." Registration is for individuals only and no corporation, association or partnership may be registered as such.

No person is eligible for registration unless he is a citizen of the United States, at least 21 years of age, of good moral character, has completed four years of high school or its equivalent, and has had three years acceptable practical experience under a registered architect. At present an applicant may substitute two years of practical experience for each year of formal training required. After January 1, 1965, graduation from an accredited school of architecture will be mandatory.

In North Carolina the written examinations are given twice each year in Raleigh. The Board meets to determine the results of the examinations and issues certificates to those applicants who have made 75% or more on each examination. Once an applicant has passed a given examination he will not be required to take it again. After failing any examination for four consecutive times or over a period of two years, the applicant will be required to pay a fee of five dollars for each re-take.

The Class A examination is for those individuals who have not been in independent professional practice for at least ten years and do not hold a certificate to practice architecture obtained as the result of written examination in another state or hold a certificate issued by the National Council of Architectural Registration Boards. The Class A examination is in nine parts. The first two are composed of an applicant's records of academic and practical training plus a personal audience before the Board to allow a more complete judgment of character. The last seven parts are a series of written examinations that require four consecutive days to complete. These examinations are admittedly not easy, and in North Carolina conform to the rigid minimum requirements determined by the N.C.A.R.B. They are written fairly and graded justly and by number so that each applicant remains anonymous until after the completion of grading. The average of the grades given by the examiners is the grade given to the applicant.

Class B examinations are for those applicants who have been in the rightful, independent practice of architecture as a principal for at least ten years. This is an oral examination before the Board of Architecture to determine his record and methods of practice, plus the presentation of exhibits comprised of sketches, working drawings, details, specifications and photographs of executed work. In presenting these exhibits, applicants shall give an oral thesis of explanation.

When the applicant under this examination is licensed or registered in another state or country in which the qualifications prescribed at the time of such registration were equal to those now prescribed in North Carolina, and provided his certificate was received through written examination and his credentials are satisfactory to the Board, he may be granted registration through reciprocity.

The Secretary of the North Carolina Board of Architecture is authorized and directed to cast a unanimous ballot granting registration to any applicant whose application is complete and in proper form and is accompanied by the N.C.A.R.B. blue cover record.

The certificate to practice architecture is state-wide, and must be recorded at the county seat of the registrant's residence or place of business. For the continued practice of architecture, certificates must be renewed through the Board on or before July 1 for the ensuing year. In addition to the certificate, the State requires that an annual privilege tax be paid on or before June 1 of each year. This tax applies to all certificate holders, regardless of whether or not they are practicing as principals. Counties, cities, and towns shall not levy any further tax on the practice of architecture.

Another function of the Board of Architecture is the refusal, revocation or suspension of certificates. Refusal is based on conviction for a felony, addiction to habits of such character to render an applicant unfit to practice, or, in the opinion of the Board, guilty of gross, unprofessional conduct and/or incompetence. Revocation or suspension of certificates are based on dishonest practice, unprofessional conduct and incompetence.

In order to safeguard life, health and property, it shall be unlawful to use the title "Architect" or display or use any words, letters, figures, title, sign, card, advertisement or other device to indicate that such person practices or offers to practice architecture, or is an architect, without first securing from the Board a certificate to practice.

Every architect who shall have obtained a certificate shall have a seal which must contain the name of the architect, his place of business and the words "Registered Architect of North Carolina", and he must stamp all drawings and specifications to be used in this State with an impression of said seal.

Laws directly affecting the architects of North Carolina come under the following titles: Acts entitled "Chapter 83, Architects," "Chapter 105, Privilege Tax," "Chapter 133, Public Works," "Chapter 143, State Departments, Institutions and Commissions," "Chapter 160, Municipal Corporations," "Chapter 150, Uniform Revocation of Licenses", all of the General Statutes of North Carolina. The Board has employed legal counsel for competent legal advice in the carrying out of its duties.

The North Carolina Board of Architecture is necessarily composed of dedicated individuals who serve willingly and conscientiously the people of our State. Their responsibilities are the continued safety of life, health and property of the people through constant supervision of those who create much of our environment.

The laws for the most part are clear and concise. The just administration of these laws is delegated to five men who are in every way entitled to the respect of us all.

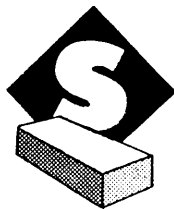
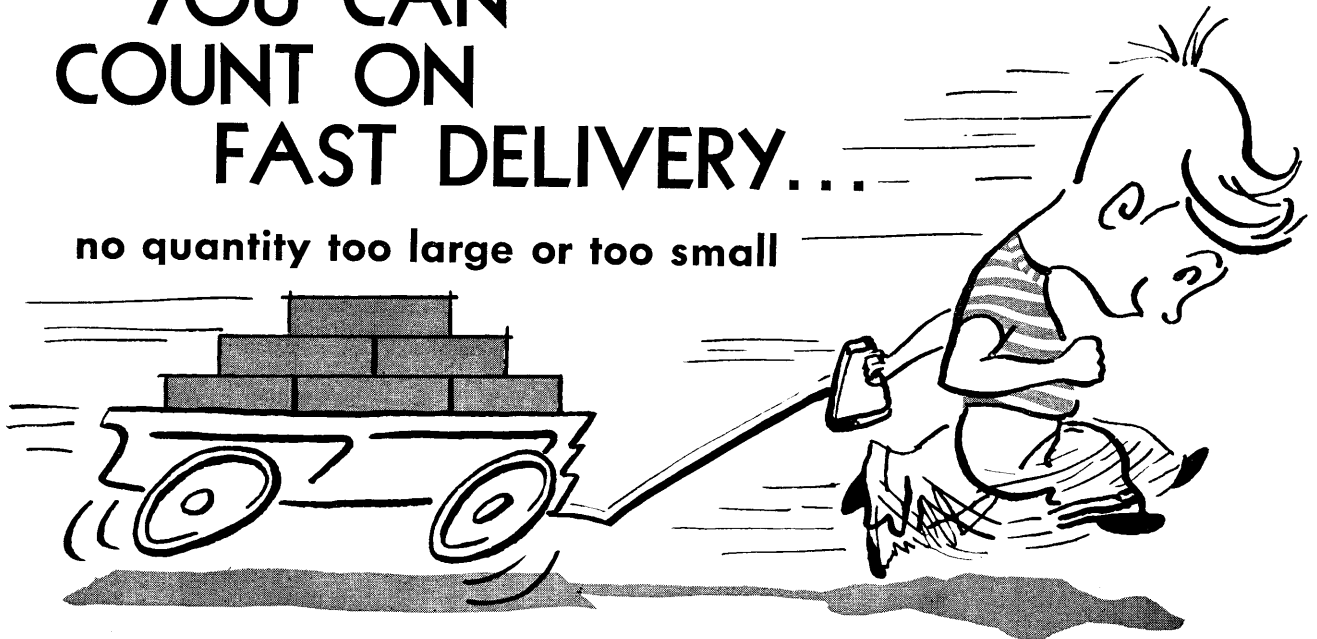
By: William W. Dodge III, AIA  
Chairman, Public Relations Committee  
N. C. Chapter, AIA

The following are serving presently as members of the North Carolina Board of Architecture:

John E. Ramsay, AIA, Salisbury . . . . . President  
James W. Griffith, Jr., AIA, Greenville . . . . . Vice-President  
S. Porter Graves, Jr., AIA, Charlotte . . . . . Secretary-Treasurer  
Shannon Meriwether, AIA, Tryon . . . . . Member  
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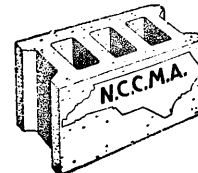


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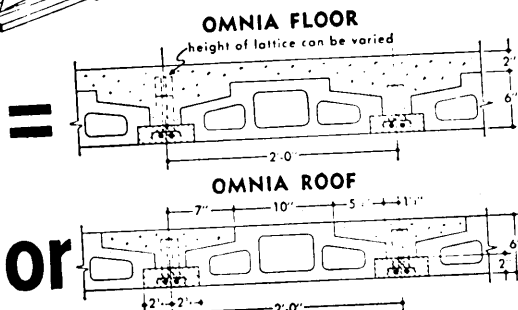
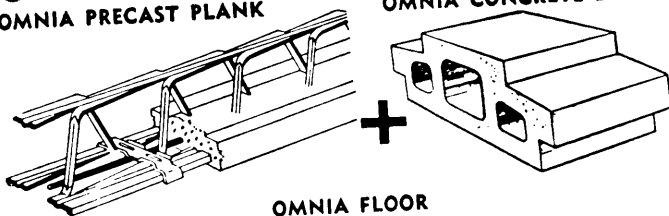
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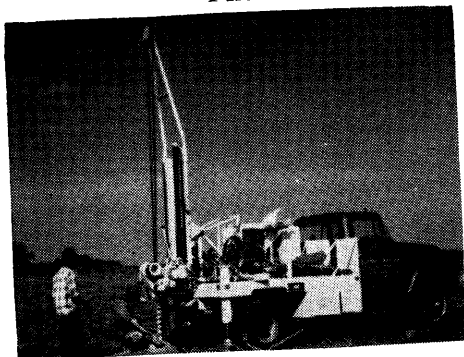
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## ARCHITECTURAL CALENDAR

JUNE 15-17: Summer Meeting NCAIA

JUNE 20; JULY 18: Winston-Salem Council of Architects,  
Y.W.C.A.

JUNE 21, 28; JULY 5, 12, 19, 26: Architect's Guild of High  
Point, Marguerite's Restaurant.

JUNE 22; JULY 27: Greensboro Society of Architects,  
Maplehouse Restaurant.

JULY 1: Deadline for material for August issue.

JULY 5: Charlotte Council of Architects, Chez Lamour.

JULY 6: Raleigh Council of Architects, Holiday Inn.

JULY 11: Durham Council of Architects, Harvey's.

- Industrial
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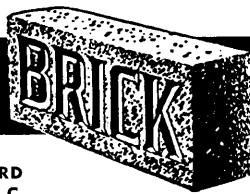
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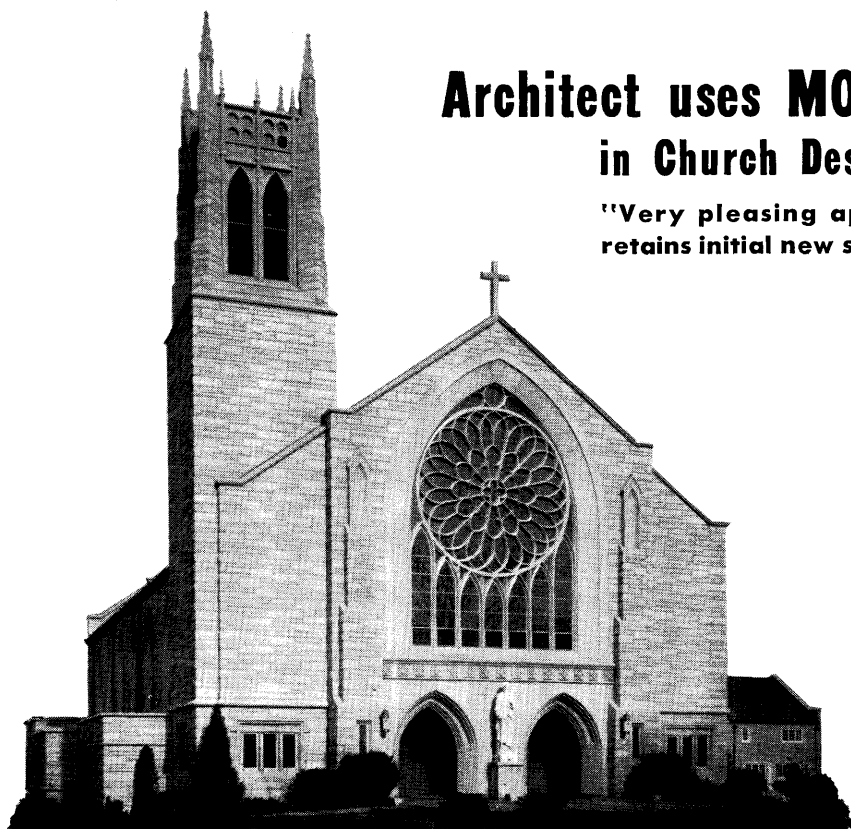
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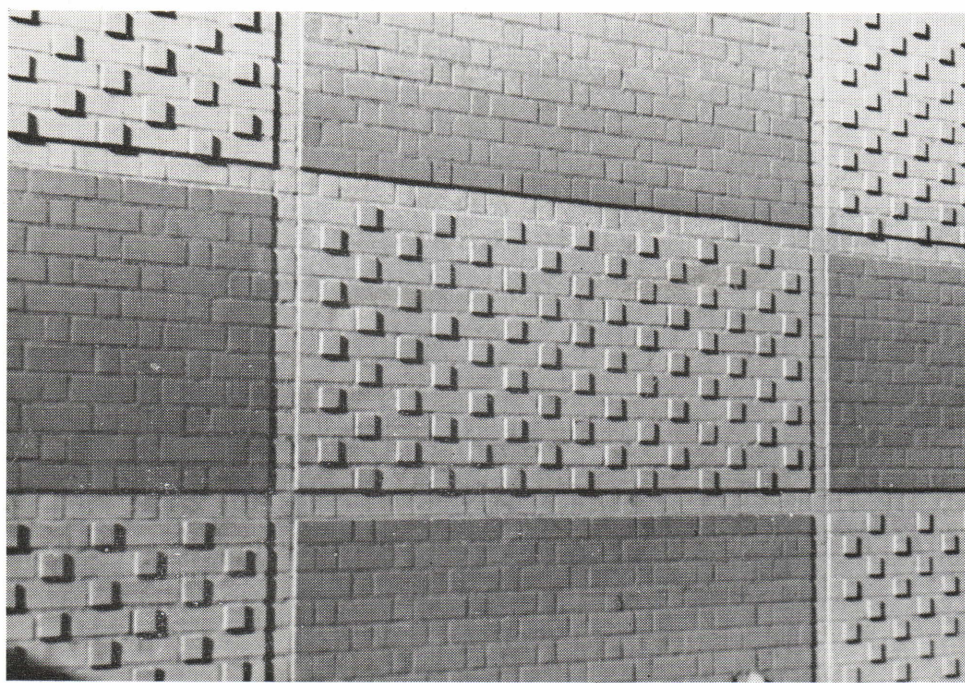
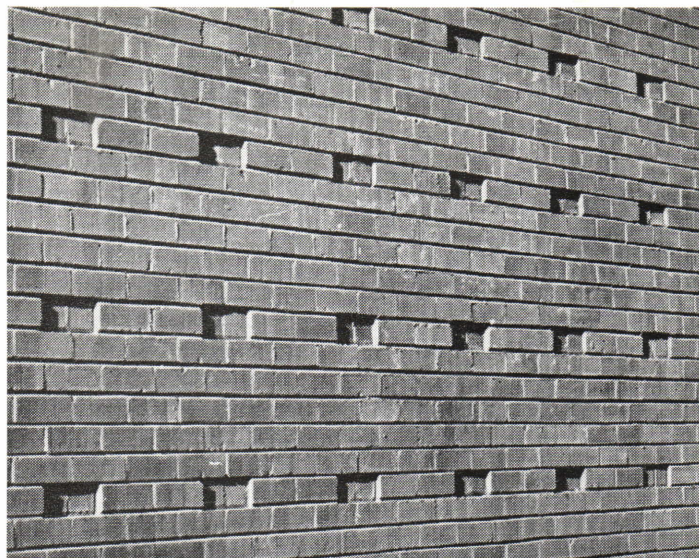
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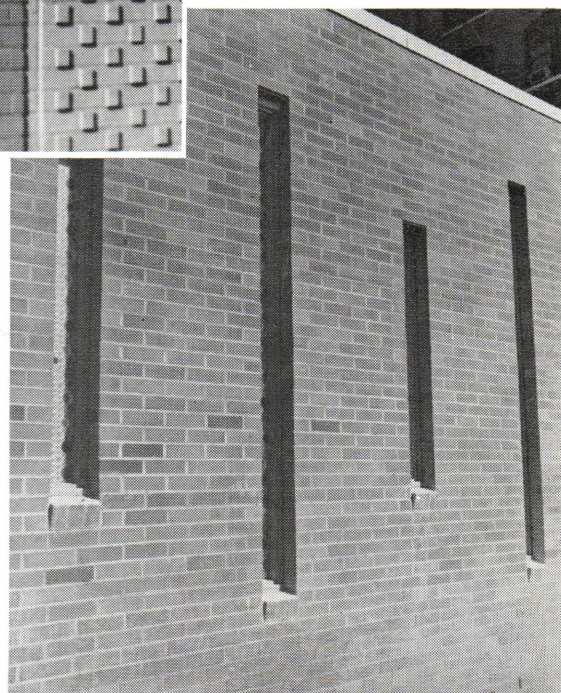
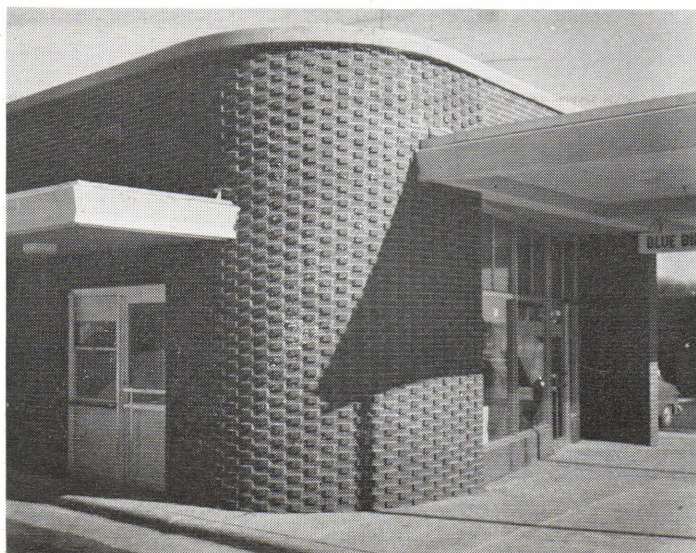
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