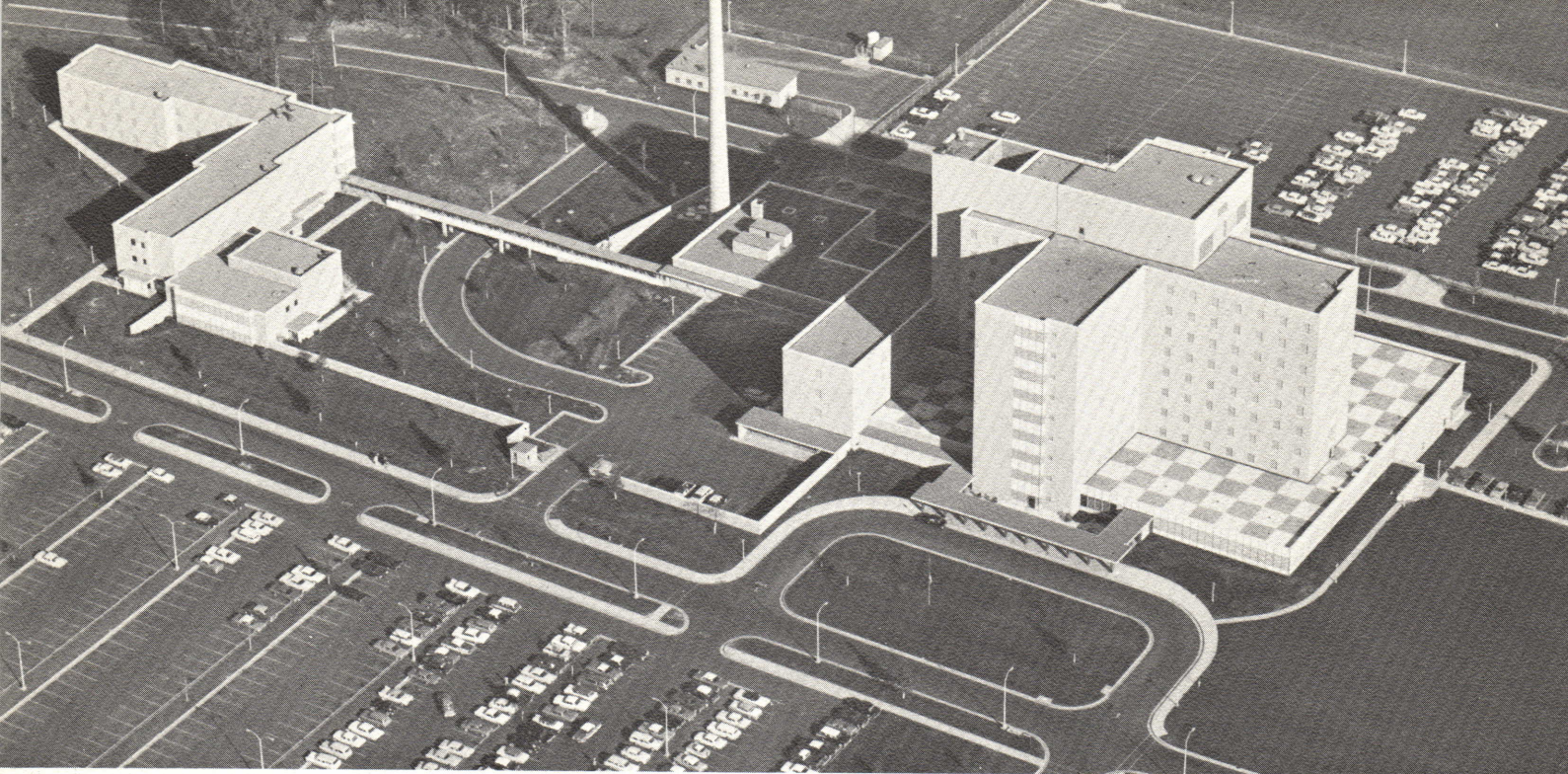


MAY, 1965

NORTH CAROLINA
ARCHITECT



PUBLISHED BY THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS



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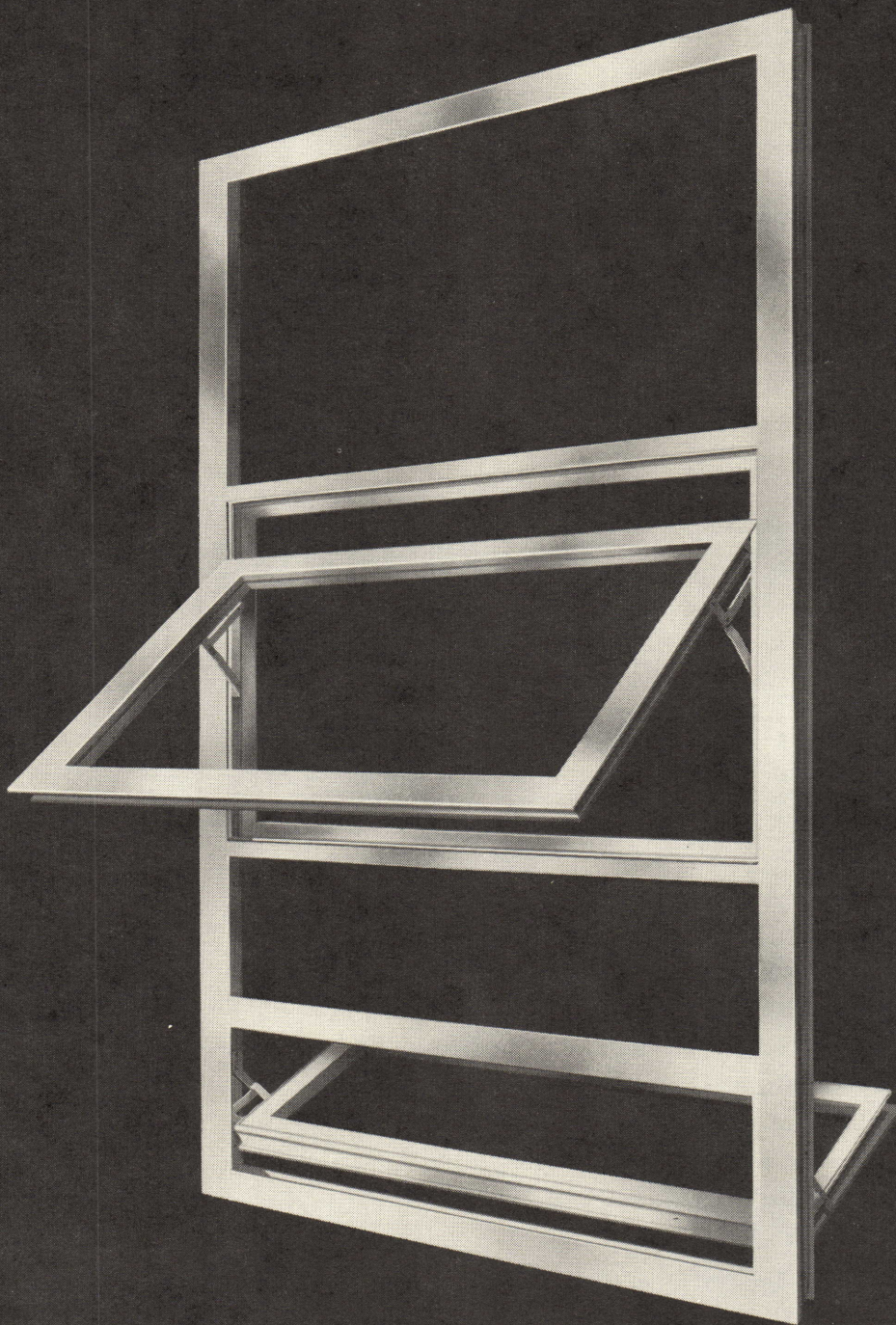
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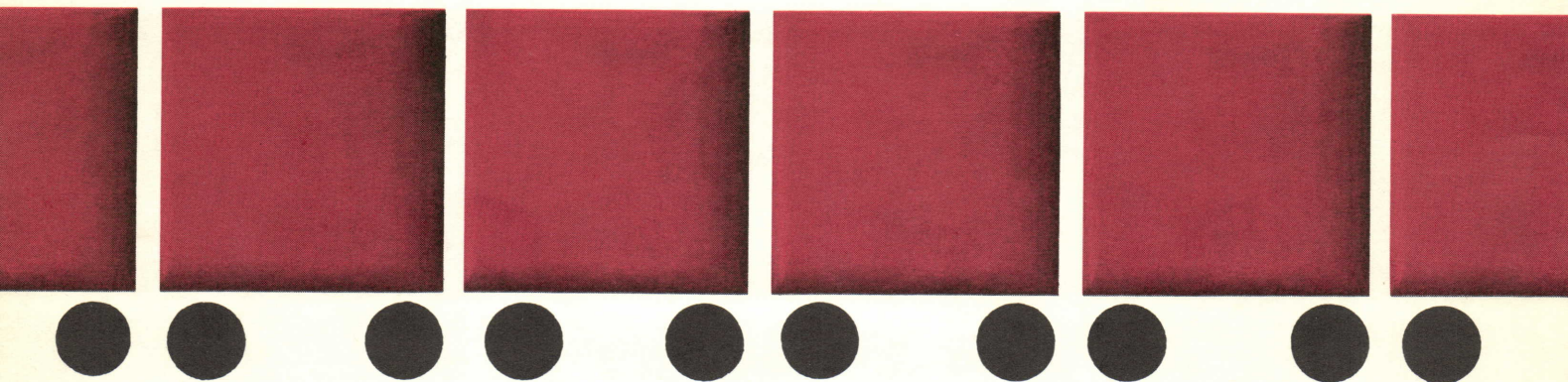
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TWO NCAIA MEMBERS HONORED BY AIA

Two North Carolinians are among 37 architects in the nation advanced to Fellowship in the American Institute of Architects. The AIA announced 1965 recipients of its highest honor on May 9.

The North Carolina residents are Harwell H. Harris and Fred Carter Williams, both of Raleigh.

The 37 new Fellows bring the number of Institute members using the letters FAIA after their names — the initials of Fellowship status — to 654, or only 3.8 per cent of the nearly 17,000 architects who are corporate AIA members.

North Carolina has 11 AIA Fellows.

Fellowship will be formally conferred on the AIA's new elite during the annual banquet and ball Friday, June 18, climaxing the 97th annual convention of the AIA and the XI Pan American Congress of Architects. The joint convention/congress will be held in Washington June 13-18.

Harris' Fellowship is in recognition of his architectural design while Williams' is for service to the profession of architecture.



Harwell Hamilton Harris, whose architectural practice is under his name, is a native Californian and attended California's Pomona College and Otis Art Institute. Beginning with the practice of sculpture, he started a career in architecture with Richard Neutra in 1929. From 1933 to 1951, Harris practiced architecture in Los Angeles.

He is noted for his contribution to the development of the "California house", his work playing an important part in revitalizing the California tradition of Greene & Greene and Maybeck. In his early houses are many features that have come to characterize the present-day house. Among these, used by Harris in the 1930s are:

The module, the storage wall, the glass wall combined with a small enclosed garden making the half-indoor, half-outdoor room, the interchangeable sliding panels for interior and exterior walls, clerestory windows, continuous post and beam construction in wood, drive-through garage, inverted gable roof, warm-air radiant floor and ceiling heating and translucent glass ceilings.

But his work is no mere catalog of such features. It is, colleagues point out, distinguished by imaginative concept, skillful adaptation of building to site, rhythmic development of modular elements, sensitive use of materials and colors and unusual skill in translating living patterns into architectural patterns.

Harris left California in 1951 to serve as director of the School of Architecture at the University of Texas in Austin, a position in which he remained until 1955. Earlier he had lectured at the University of Southern California and was visiting critic at Yale University in 1950 and 1952, and at the University of Minnesota in 1955. Following his resignation from the University of Texas, he practiced architecture in Fort Worth and Dallas, until he came to the School of Design at North Carolina State University as Associate Professor in 1962.

He is married to the former Jean Murray Bangs, and they are presently residing in Raleigh. Mr. Harris has had his work and articles published in numerous magazines.

F. Carter Williams, a native of North Carolina, is a graduate of North Carolina State University, holds a degree from the University of Illinois and has studied at Columbia University. Mr. Williams has been in practice in Raleigh since 1946 with partners, Macon S. Smith and Turner G. Williams.

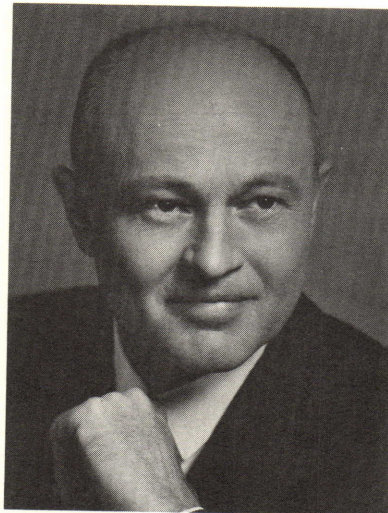
During World War II, Mr. Williams served as an Instructor at the United States Military Academy at West Point, New York, and participated in post-war planning for the Academy as the Architect-Member of a Planning Board.

He has served the North Carolina Chapter AIA as secretary-treasurer, secretary, vice president, president and member of the Board of Directors. He is also a past president of the Raleigh Council of Architects. Currently, Mr. Williams is a member of the N. C. Board of Architecture and serves on the AIA Judicial Board.

Mr. Williams has served on a number of Boards and Commissions in Raleigh, including: Board of Adjustment; Board of Directors, Chamber of Commerce; Family Service and Traveler's Aid Commission, Parks & Recreation Commission; and is at present a member of the Raleigh Planning and Zoning Commission.

Among buildings he has designed are the Alleghany County Memorial Hospital in Sparta, the Negro Division Hospital at McCain, the Evangelical & Reformed Church and the School of Design addition in Raleigh, the First National Bank Drive-in, Raleigh and the W. L. Manning School in Roanoke Rapids. Current projects in planning or construction stage include: N. C. National Bank for Raleigh and Tarboro; Charles F. Carroll Junior High School, Raleigh; Coliseum and Physical Education Building at East Carolina College; two Phytotron Units, one at Duke University and one at N. C. State University; Archives-Library Building for the State of North Carolina.

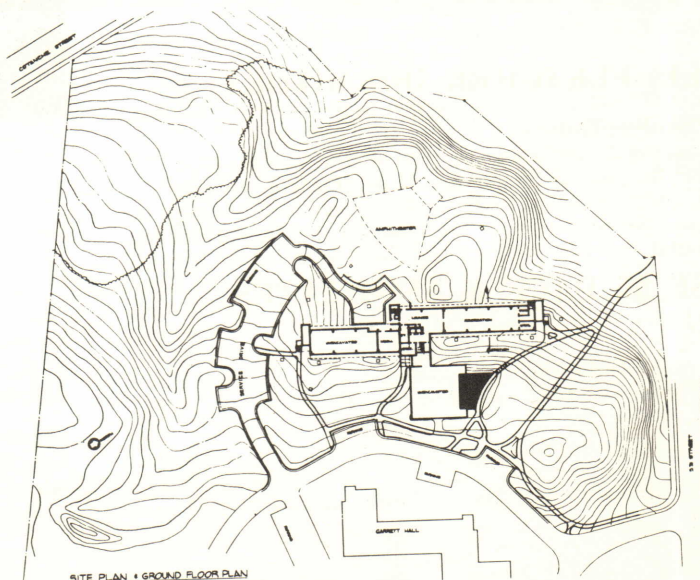
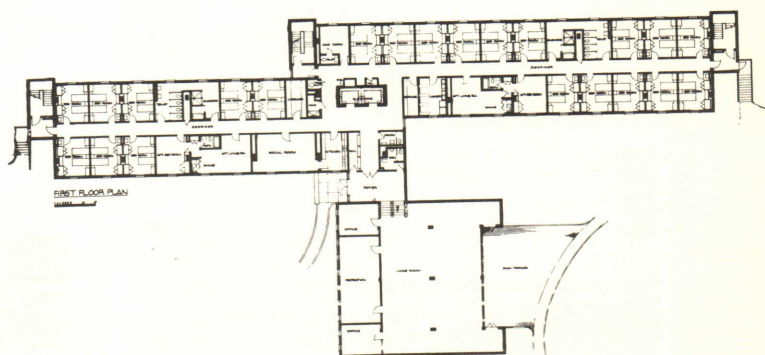
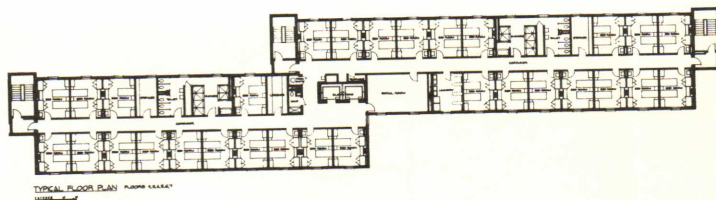
He is married to the former Alice Virginia Poe of Rocky Mount and they have two daughters — Carol Williams Bilbro of Chapel Hill and Alice June Williams, a student at Duke University.



The decision to design a high rise building was based on the limited amount of land available for this and future buildings, the desire to disturb the site as little as possible, and the belief that due to sloping land, tall trees, adjacent business district, a tall building would be a good neighbor to its surroundings.

The structural system, textured brick panels formed by stone courses, and windows, were an attempt to blend the building in with its surroundings. The building was cantilevered at the base to allow adjustment to slope of ground with a minimum of grading.

The floor plan was offset to form two groups of students on each floor. The dormitory houses approximately 400 women.





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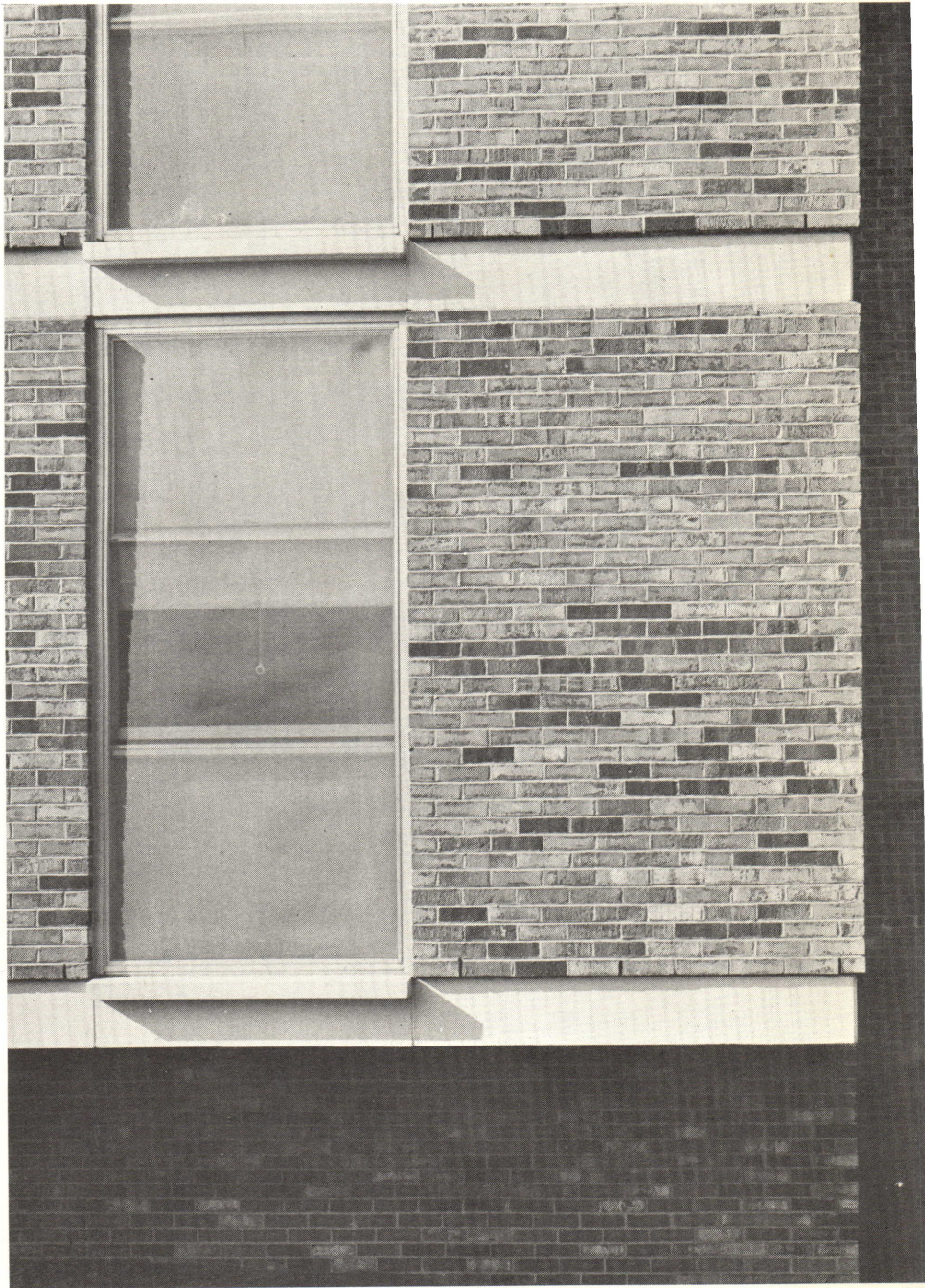
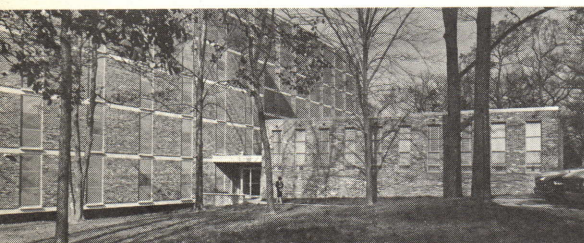
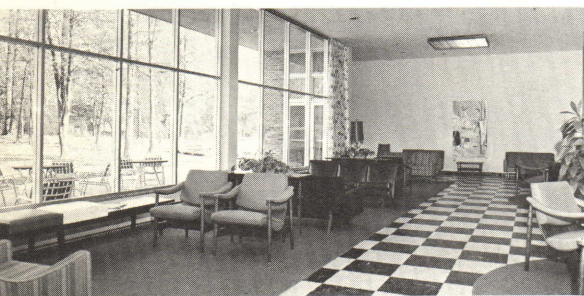
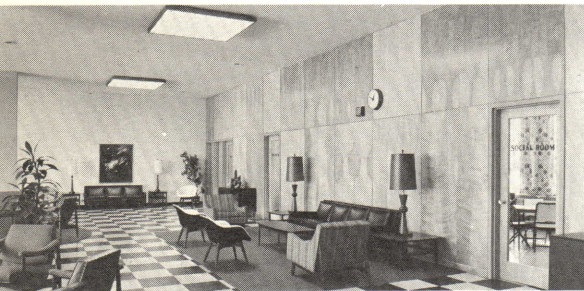
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1965 AIA CONVENTION • XI CONGRESO PANAMERICANO DE ARQUITECTOS

The world's largest single gathering of architects is expected in the nation's capital June 14-18 for the 97th annual convention of the American Institute of Architects and the XI Pan American Congress of Architects, the latter for the first time in the United States.

The AIA will be host to the Pan American Congress, which will be attended by about 1,000 architects from 21 Latin American countries. Theme of the joint convention/congress sessions is "Cities of the New World," and a distinguished group of 24 speakers will address the delegates, on the past, present and future of cities. The AIA expects more than 2,000 members to be present in addition to the Latin guests.

A. G. Odell, Jr., FAIA, of Charlotte, North Carolina, the National President of the AIA, will be the presiding officer at the convention. Approximately 75 architects from North Carolina are planning to attend the convention. The North Carolina Chapter

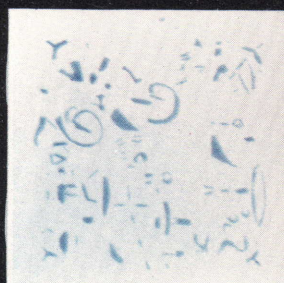
AIA will honor Mr. Odell at a reception on Wednesday evening, June 16th. Mr. Odell is the first Southern Architect to be chosen as National President of the AIA. Invitations have been sent to National Officers and Directors, the N. C. Congressional Delegation and other distinguished North Carolinians residing in Washington to attend the reception and join in honoring Mr. Odell for his most successful year.

Joint ceremonies will open the sessions Monday, June 14, at the Sheraton-Park Hotel, headquarters for the convention. Highlight of that evening will be the AIA President's Reception at the Pan American Union.

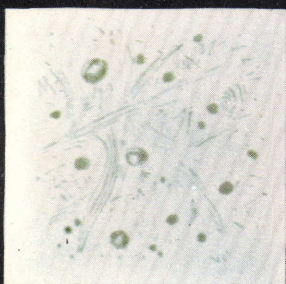
Adlai E. Stevenson, U. S. Ambassador to the United Nations, is serving as honorary chairman of the organizing committee for the Congress, which will conduct working sessions Monday through Wednesday, June 14-16, while the AIA holds its annual business meetings.



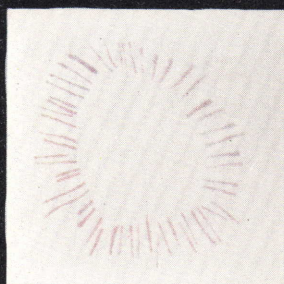
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Under The Dome

PLANNING — Governor Moore's task-force approach to long-range planning has received a pat on the back from the president of the North Carolina chapter of the American Institute of Architects.

Leslie N. Boney Jr. of Wilmington commented on the office set up within the Department of Administration to plan federal-State programs. The work is directed by former Congressman Woodrow Jones of Rutherfordton and John Hampton of Charlotte.

"It is of particular significance to the public," Boney said, "that the administration has elected to fill this vital need in State planning by the 'task-force' approach and will not create another large bureau."

DIVERSITY—"With the federal government developing diverse programs such as federal aid to education, highway programs, antipoverty projects and aid to Appalachia, long-range planning is a must," Boney said.

"There is a groundswell of interest abroad in the land for improvement in our physical environment, and as architects we hope that all of the groups involved will be encouraged to want spaces which are both economically sound, functionally correct and esthetically satisfying."

"We have the ability to make a man-made mess of North Carolina, or we have the ability to build a new North Carolina that will rival the beauties of Greece and the glories of Rome."

Architect Urges War on Blight

By GRADY JEFFERYS

The president of the North Carolina chapter of the American Institute of Architects urged members of the architectural profession Saturday to join in waging an "unrelenting war on ugliness."

Leslie N. Boney Jr., of Wilmington, addressing a committee workshop at the N. C. State University School of Design, said America "is strangling on ugliness" and is still recovering from a "puritan hangover."

The Wilmington architect called on members of the profession to help make a "great environment" for President Johnson's Great Society.

"We are currently riding a crest of interest in a more beautiful America," Boney said, "but if we do not push out surfboard we will be left floundering."

Citing the blight that is spreading in some cities, Boney noted that "whole business sections are blighted by profusions of ugly signs, run-down store fronts and street-scape junk."

"Owners of run-down tenement buildings that used to be premium housing are letting them run down still further."

This kind of blight, he said, "depresses the community spirit and flattens the community pocketbook."

Boney said the answer to the problems of blight "lies in the strenuous activity of the professional architect in his community."

After the meeting, Boney said the workshop marked the "launching of a statewide campaign against ugliness by members of the architectural profession."

He said individual architects would be calling the problem of ugliness to the attention of the public through civic clubs and other groups in the State.

"We will find few opponents with evil intentions," he said. "Our biggest enemy will be the apathy engendered by ignorance and the acceptance of mediocrity."

Boney noted that America "has the ability to make a manmade mess that will turn America into God's own junkyard." But, he added, "We also have the ability to build a new America that will rival the beauties of Greece and the glories of Rome."

Present for the annual meeting Saturday were 34 committees of the North Carolina Chapter of the institute of ar-

chitects. About 100 members of the professional group were on hand.

Following his address, Boney showed a slide presentation which he said all architects could prepare for showing at civic clubs and public meetings. The presentation was an inventory of community beauty and ugliness in Wilmington.

The News and Observer, Sunday, May 9, 1965

I-17

Architect Raps Roads of Junk

CHARLOTTE (UPI)—The automobile graveyards, billboards and junk littering North Carolina from one end to the other is getting worse not better, a Charlotte architect said Saturday.

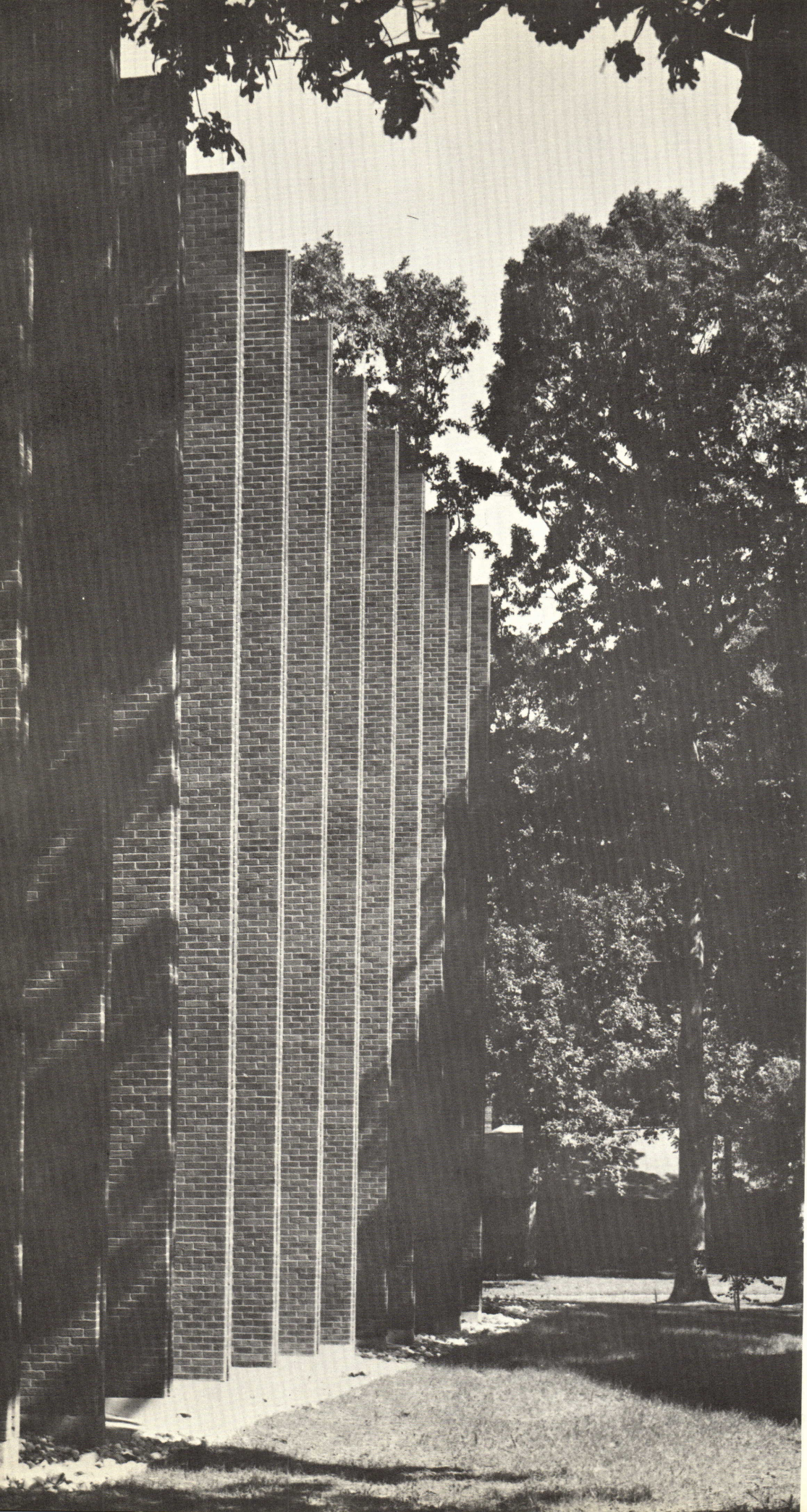
A. G. Odell Jr. said Americans go to Europe and talk about how beautiful things are but come back and think nothing can be done about overhead wires, billboards, "the graveyards," concrete cloverleaves.

Odell has been appointed to the White House conference on Natural Beauty and will attend a meeting at the White House May 24.

Odell said beautification may be less expensive than ugliness.

"You can pay the same amount of money for an ugly necktie as you can for a pretty necktie. It's a matter of taste. Beauty is not necessarily expensive. It can be most economical when you think in terms

of conserving the natural resources we have."



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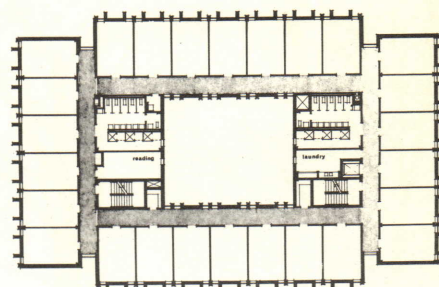
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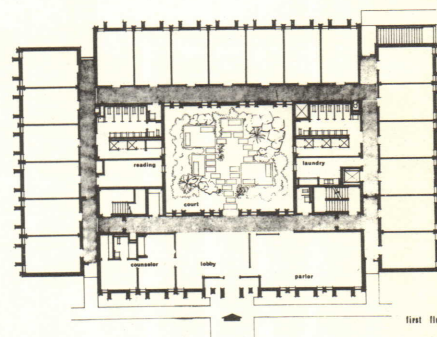
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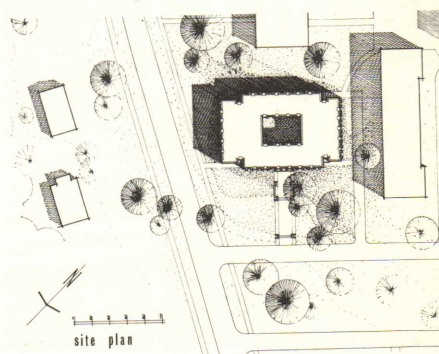
Limited available land for expansion in a city college dictated a multi-story housing facility for a rapidly growing student body. The building affords a maximum of privacy and comfort for the 142 students and their supervisor. The dormitory has been occupied since October 1963.



second & third floors



first floor



site plan



ALBRIGHT HALL, Queens College

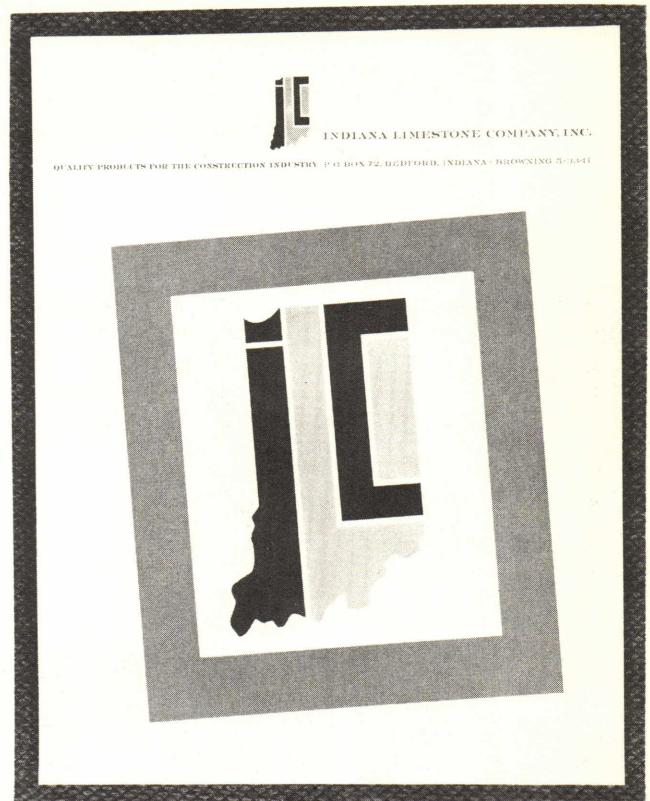
N. C. Architect Wins Contest

A North Carolina architect was selected as the winner in a recent nationwide contest for his design of the corporate trademark of The Indiana Limestone Company.

The contest, conducted by the limestone quarrier and fabricator located in Bedford, Indiana drew entries from 22 states and the District of Columbia. The winning design was submitted by Fredrick F. Sadri, A.I.A. of Charlotte, North Carolina. Sadri was awarded an all expense paid two-week jet vacation for two in San Juan, Puerto Rico.

Indiana Limestone was seeking a corporate symbol depicting the stability of the company and representing its strength, both in Indiana's economy and in its market nationally. Sadri's design is taken from the geographical outlines of the state of Indiana and employs the letters "ILC" in vertical rectangular configuration.

The design will be featured on the company's letterhead, advertising material, and elsewhere.



An enlarged illustration of the new Indiana Limestone logo is shown. Its position on the company's letterhead is illustrated above.

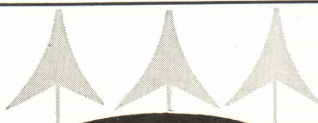
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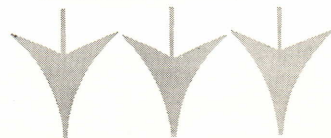
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PROGRAMMING AND PLANNING HOSPITAL FACILITIES

"Programming and Planning Hospital Facilities," a workshop for architects, hospital administrators and trustees, was held at Chapel Hill on May 7 and 8, 1965. This workshop was jointly sponsored by the N.C.A.I.A. and the Department of Hospital Administration of the School of Medicine, University of North Carolina — Chapel Hill, in cooperation with the North Carolina Medical Care Commission, the Duke Endowment, and the School of Design, North Carolina State University.

One hundred persons, including forty architects, attended this workshop, the first of a projected series which will discuss problems faced by architects, the hospitals, and the public and private agencies who are involved in hospital planning, design and construction. Such a series would provide a framework for interchange of ideas and information and should generate some problem definitions and solutions.

"The Shape of Things to Come," a discussion of the community hospital as the focus of local health care, was presented by Dr. Henry T. Clark, Jr., Administrator, Division of Health Affairs, UNC-CH, as the keynote address on Friday morning. Following this, long-range planning was described and discussed by Arthur N. Tuttle, Jr., AIA, Planning Officer, UNC-CH.

The concept of the "planning team" and co-ordination during the planning process were emphasized. Speakers were L. B. Hardesty of the Catawba Memorial Hospital Board of Trustees, T. R. Howerton of Wilson Memorial Hospital, E. B. Haire of Jacque Norman Associates, Dr. I. M. Taylor, Dean of the School of Medicine, UNC-CH, and B. L. Freeman, AIA, of Walter Hook and Associates.

The Friday afternoon session began with a panel discussion on problems in long-range planning. The panel, chaired by H. Carl Rowland of the Duke Endowment and comprised of Hardesty, Howerton, Haire, Freeman, and Dr. Robert R. Cadmus, Chairman of the Department of Hospital Administration, UNC-CH, fielded questions from the floor which ranged from size of nursing units through organization of patient care within a given hospital. Following this, the Executive Secretary of the N. C. Medical Care Commission, William F. Henderson, explained the Commission's "Procedure for Submitting Long-Range Building Development Plans" which has been recently revised.

Dinner that evening featured a talk, "The Importance of Design in Hospital Planning," by Dean Henry L. Kamphoefner, FAIA, of the School of Design.

Saturday morning Harvey E. Archer, Lorin Campbell, and Ray Griffin, members of the Department of Hospital Administration, UNC-CH, discussed factors affecting planning, present and projected utilization of hospital facilities, planning methods and techniques, and the differences between functional and architectural programming. A workshop summary by Dr. Cadmus ended the session.

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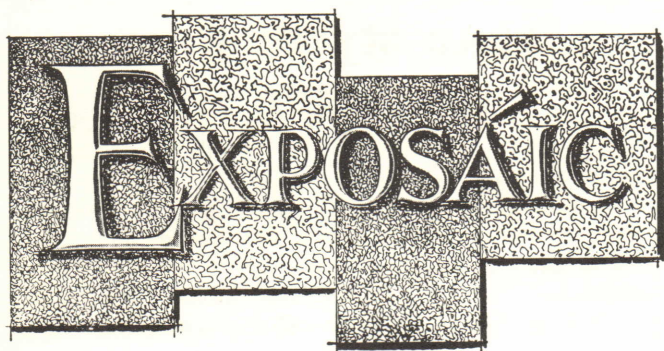
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APOLOGIES

Mrs. Betty W. Silver, Executive Secretary
North Carolina Chapter, AIA

Dear Betty:

You are right, the caption was wrong under the picture of my house in the January issue (North Carolina Architect, page 10). It should be corrected.

The caption should read to this effect:

"This house is similar in design to Mr. Baesel's North Carolina Concrete Masonry Competition First Award Winner, but because of loan and financing restrictions it was built of painted Jumbo Brick. Mr. Baesel wishes it understood that he has no preference for, or prejudices against concrete masonry and/or Jumbo Brick."

I hope this will clear up the question, and that you can acknowledge this error in the next issue.

Cordially,

STUART BAESEL

SB:jrr

Durham Architects Sponsor Beautification

"Let's Beautify Durham" month has been designated as the month of May by Durham's Mayor Wensel Grabarek. The Durham Council of Architects collaborating with the Durham Merchants Association has launched a campaign to "paint-up, clean-up, fix-up" Durham. At a recent meeting the two groups were told that the appearance of the city is more important now than it has ever been.

Mayor Grabarek said prospective Durham residents will look at the schools, churches, the parks and recreation facilities, but they will make their choice on the basis of its appearance. Robert W. Carr, AIA, of the Durham Council reminded the merchants of the importance of appearance to attracting patrons. He suggested they take a good long look at the fronts of their stores and ask themselves how they could improve them.

Council President James A. Ward said any local merchants who are interested in getting advice from the Council about improving their businesses should write to him and he would pass the queries on to the members of the Council.

Opens Office

Edgar S. Dellinger, AIA, of Laurinburg, has recently opened his own office at 204 Railroad Street, Laurinburg. Mr. Dellinger was formerly a principal in the W. E. Matthews Company of Laurinburg.

The Washington Cathedral

With these days of fast-paced construction in which large structures are designed, built and in service within five years, it is unusual that a building project should stretch out over a period of three-quarters of a century. But that's the story of the Washington Cathedral.

The idea of a "great Church for national purposes" was first conceived by President George Washington in the 1790's, and provision was made for such a building in the original plan for the District of Columbia. But the idea lay dormant for almost a century until a group of devoted laymen gathered together in 1891 to map concrete plans for such a structure "to serve the entire country rather than a small congregation."

In 1893 a liberal charter was granted to this group of laymen by act of Congress, and was signed by then President Benjamin Harrison, to establish the Protestant Episcopal Cathedral Foundation, which was charged with construction and supervision of the proposed Cathedral Church.

By 1898 a 57-acre site for the structure had been purchased atop Mount Saint Alban, the highest point in the city, and plans were laid to begin construction.

Architects Dr. George F. Bodley of London, England, and Henry Vaughan of Boston drew up preliminary designs for the edifice, but both died shortly after work was started. Since 1917 Philip Hubert Frohman of Frohman, Robb, and Little of Boston and Washington has served as architect. To indicate the

excellence of the original planning, very few changes have been found necessary through the years.

Plans called for the structure to be built in 14th Century Gothic style. The only difference between Washington Cathedral and the cathedrals built in Europe during the Middle Ages is the provision for electric lights and radiant heating.

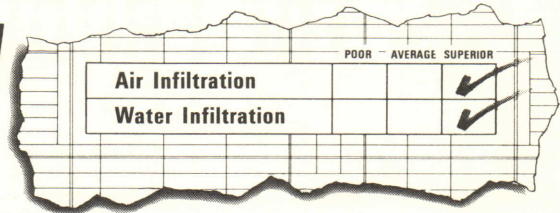
As architectural designs took form, financial arrangements and construction plans were also underway, and in 1907 — at ceremonies attended by President Theodore Roosevelt — the Foundation Stone was laid to open formal construction.

Although construction was carried forward only when funds were available, the Bethlehem Chapel, the first of the Cathedral's seven chapels, was completed within five years. Since that day, at least one public service has been held daily in the Cathedral. Last year more than 1,800 services were conducted.

As the years passed, work continued at a steady pace. The foundation was finished in 1927, the Great Choir and Sanctuary in 1932, the North Transept and Great Crossing in 1942, the South Transept in 1962, and the Gloria in Excelsis Tower in 1964. The latest addition — the Rare Book Library — was dedicated on Sunday, May 16.

At the present time, the Cathedral is two-thirds complete, with work now underway on the Nave where vaulting and marble flooring for the first three bays are being completed. Current estimates are that the edifice will be finished in the next 20 years if the required \$16,677,000 can be raised.

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Calendar of Events

- June 2: Charlotte Section, N. C. Chapter AIA, Stork Restaurant, Independence Blvd., 12:30 P.M., John C. Higgins, Jr., AIA, President
- June 2: Durham Council of Architects, Jack Tar Hotel, James A. Ward, President
- June 3: Raleigh Council of Architects, YMCA, 12:15-1:30, Ralph B. Reeves, Jr., AIA, President
- June 8: Greensboro Registered Architects, Ivanhoe's Restaurant, Walter E. Blue, Jr., AIA, President
- June 11: Eastern Carolina Council of Architects, Honor Awards Presentation, New Bern, Harry K. McGee, AIA, President
- June 14-19: Pan American Congress of Architects and Annual Meeting, American Institute of Architects, Sheraton Park Hotel, Washington, D. C.
- July 1-3: NCAIA Summer Meeting, Blockade Runner Hotel, Wrightsville Beach

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No. 12

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Reveal of precast concrete panels is largely determined by aggregate size. When panels are to be viewed relatively close, less reveal is needed. When panels are some distance from the main flow of pedestrian traffic, greater reveal is required for a rough textured look.

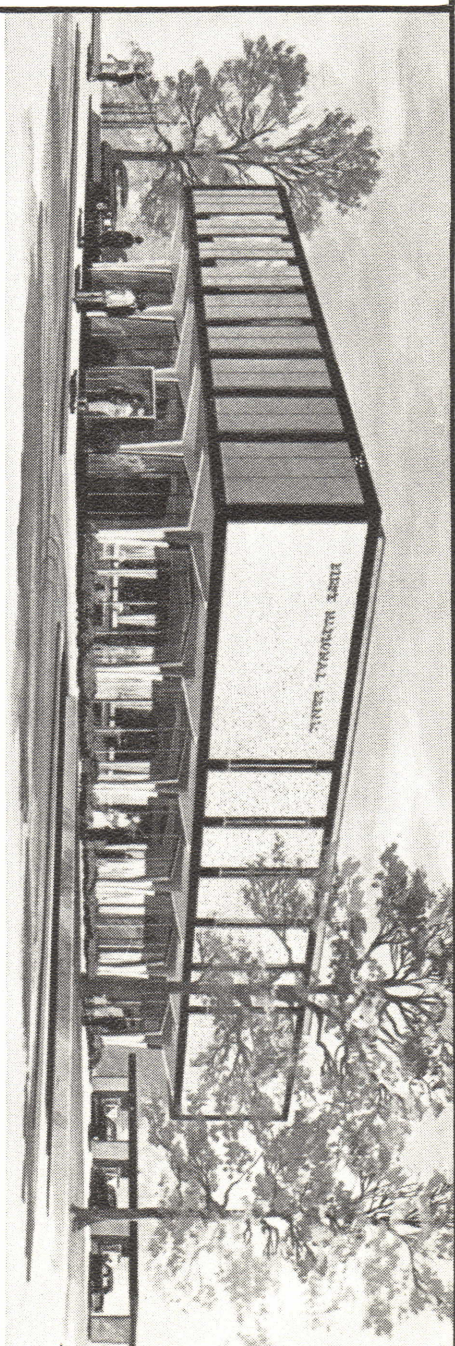
Polished panels of pastel colors tend to appear white when viewed from a distance due to the high reflectance of the surface.

Shown at right is a table which demonstrates the unlimited range of colors possible with commercial aggregates and white cement.

Write for additional free information (U.S. and Canada only.)

VISIBILITY SCALE

aggregate size	distance at which texture is visible
1/4" — 1/2"	20 — 30 feet
1/2" — 1"	30 — 75 feet
1" — 2"	75 — 125 feet
2" — 3"	125 — 175 feet



First National Bank, San Angelo, Texas. Architects: Abel B. Pierce and George Pierce, A.I.A., Architect & Planning Consultants, Houston. Structural Engineer: Walter P. Moore, Houston. Contractor: Templeton & Cannon, San Angelo

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GLASS*	SIZE	USES	SOURCE**	COLOR RANGE
	1/4"—1 1/2"	stained glass, walls, panels	Mich., N.J., Texas	brilliant and almost unlimited ranges
CERAMIC	1/4"—1 1/2"	curtain wall panels, ornamental work	Ark., Ariz., Mich.	any color

SAND	time to coarse	plain or sculptured panels	all areas	white-buff-yellow
PEBBLES	1/4"—6"	tilt-up walls, panels, walkways	west & southeast	white-red-orange-buff-black
MARBLE	1/2"—2"	curtain wall panels	all areas	white-red-buff-yellow-black
GRANITE	3/4"—2 1/2"	tilt-up walls, panels, walkways	midwest & west	red-gray-buff-dark blue-black
QUARTZ	1/2"—2"	curtain wall panels	east, west, south & midwest	white-pink-gray-clear

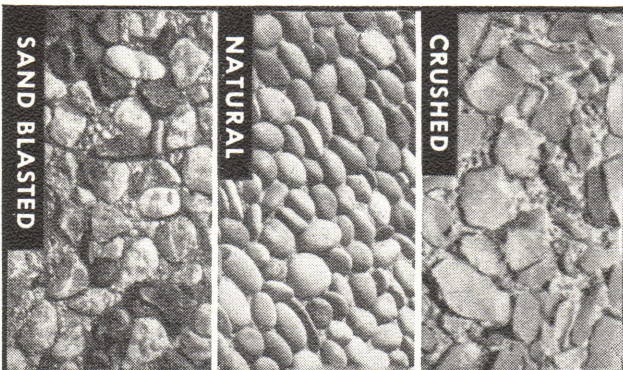
*Reactivity: some glasses may react with alkalis in the cement to cause expansion. Consult glass manufacturer to determine if glass is reactive.

**List of manufacturers available.

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