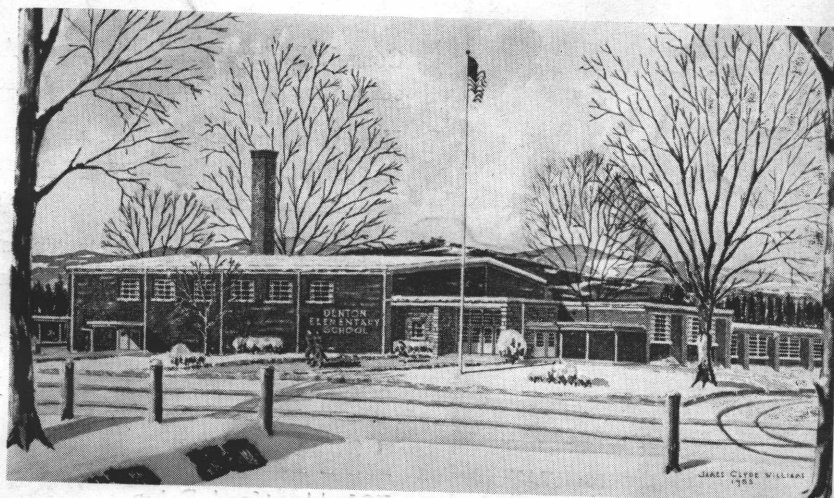
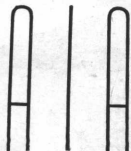


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JANUARY 1956



Official Publication
North Carolina Chapter



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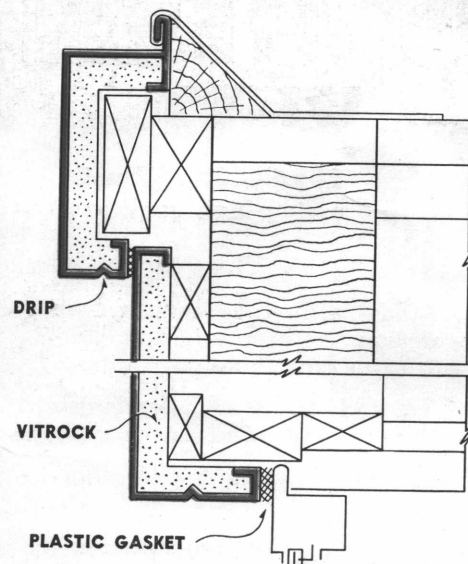
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ARCHITECTURAL CALENDAR

JAN. 20-21: Virginia Chapter, American Institute of Architects. 1956 annual meeting. Jefferson Hotel, Richmond, Va.

JAN. 26-28: North Carolina Chapter, American Institute of Architects. Annual Meeting. Carolina Inn, Chapel Hill.

JAN. 27: North Carolina Concrete Masonry Association. Washington Duke Hotel, Durham.

JAN. 28: South Carolina Chapter, American Institute of Architects. Annual Winter Meeting. Wade Hampton Hotel, Columbia, S. C.

FEB. 7: Winston-Salem Council of Architects. El-Cam-Rey Restaurant, Winston-Salem.

FEB. 1: Charlotte Council of Architects. Thackers Restaurant, Charlotte.

FEB. 2: Raleigh Council of Architects. S & W Cafeteria, Raleigh.

FEB. 3: Guilford Council of Architects. Bliss Restaurant, Greensboro.

FEB. 16: Raleigh Council of Architects. S & W Cafeteria, Raleigh.

FEB. 13-17: Associated General Contractors of America. National Convention. Waldorf-Astoria Hotel, New York.

FEB. 13-17: National Sand and Gravel Association and National Ready-Mixed Concrete Association. 1956 joint convention and biennial show. Conrad Hilton Hotel, Chicago, Ill.

APRIL 12-13-14: South Atlantic District Regional Conference, American Institute of Architects. Washington Duke Hotel, Durham.

APRIL 21-28: Historic Garden Week in Virginia. Headquarters, Jefferson Hotel, Richmond, Va.

MAY 14-17: Design Engineering Show. Convention Hall, Philadelphia, Pa.

MAY 15-18: 88th Convention, American Institute of Architects. Hotel Biltmore, Los Angeles, Calif.

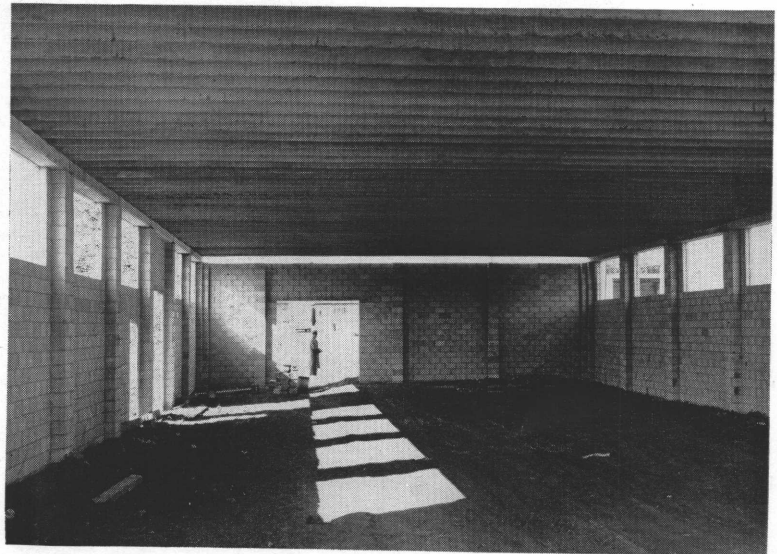
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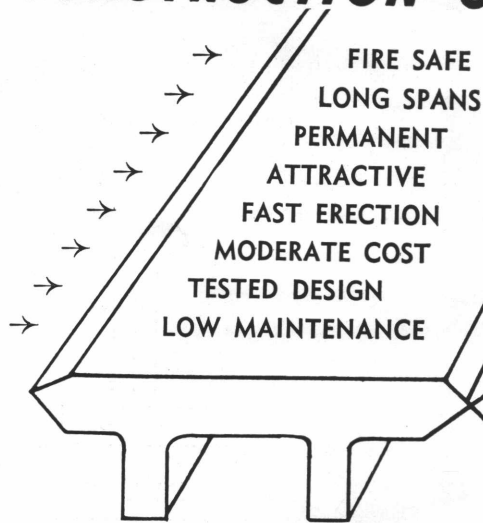
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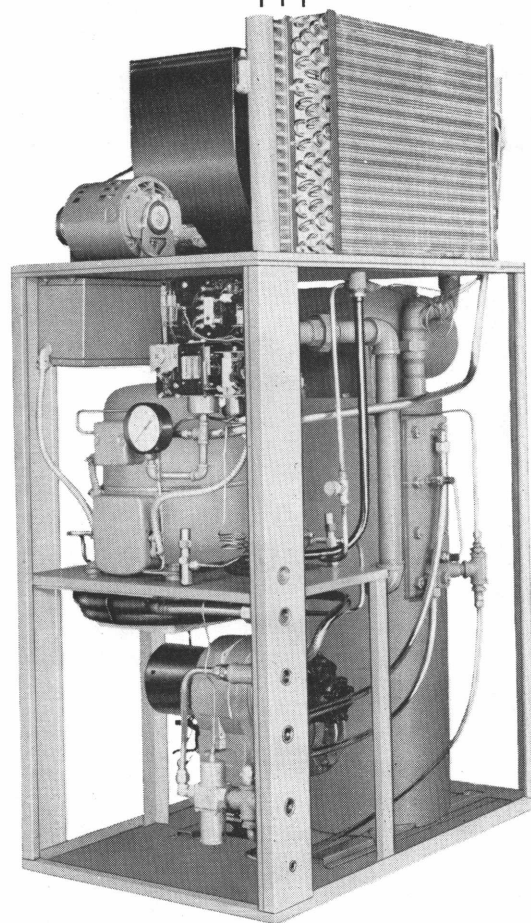
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Southern Architect

Volume 2

January 1956

Number 9

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COVER PHOTO

Denton Elementary School, Denton
William Roy Wallace, AIA, Winston-Salem, Architect

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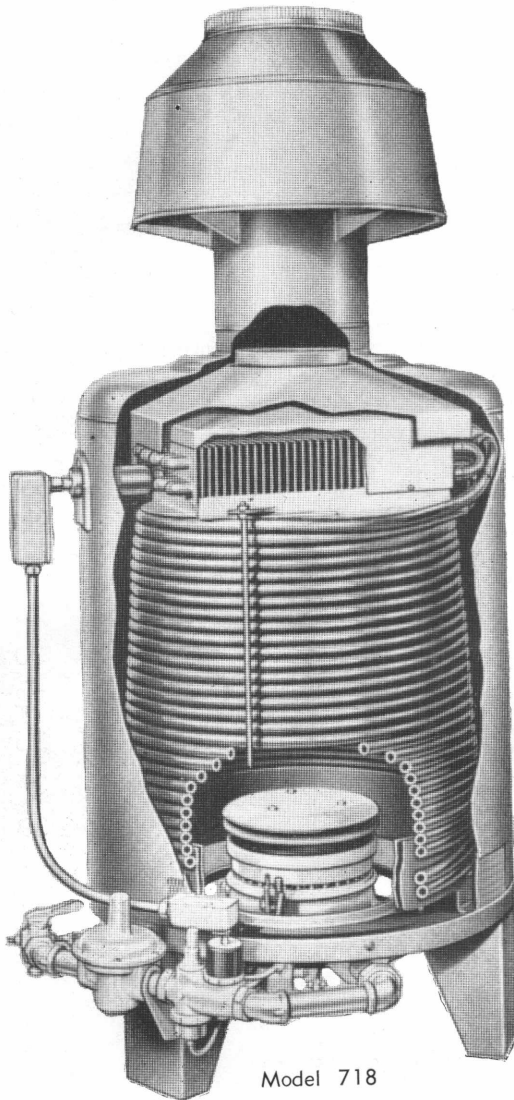
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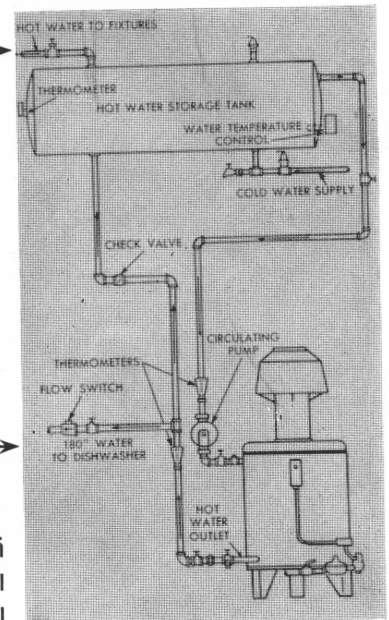
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❖ PRESIDENT'S MESSAGE ❖

The New Year is traditionally the time of summing up, re-appraising, resolving and planning. The progress of individuals or organizations of individuals depends greatly on their ability of self-criticism and of determining their real aims. I have felt that a helpful perspective might be furnished our Chapter by a man who is familiar with the profession of architecture but represents also the public whom we try to serve. This year-end message for the present administration of our Chapter is therefore presented in this light and at my suggestion by Mr. R. Mayne Albright, Attorney, of Raleigh, whose services with the profession make him particularly qualified for such a statement.



WILLIAMS

"What is the significance of another New Year to so ancient a profession as Architecture?

"Evident to all are the recent dramatic changes and developments in architectural forms. In homes, churches, schools, as in commercial and industrial buildings, new designs, new materials, new mechanics, new uses of color, new concepts of space and mobility, are making an impression, not without controversy, on the public mind. In 1956, architecture is and will be very much in the news. This is particularly true for North Carolina.

"This question, then, may be pertinent for the New Year: With all these changes in the practice of architecture, what is happening to architecture as a Profession? Is the profession keeping pace with practice?

"A practice is worthy of the name 'Profession' when, among other attributes, it has these distinguishing characteristics:

"(1) Specialized knowledge and skill; (2) based on intensive and continuing study; (3) through which it renders a public service; (4) sanctioned by law; (5) in a relationship of trust and confidence; (6) established by an accepted code of ethics; (7) supported by organized effort; (8) and continued and advanced through professional publications and records.

"The architects of North Carolina, led by the State Board of Architectural Examination and Registration, the State College School of Design, the North Carolina Architectural Foundation, and the North Carolina Chapter, AIA, have made great recent advances as a profession in all of these fields.

"The new School of Design receives continuing national and international recognition. The Foundation provides needed funds for scholarships and salary supplements. Postgraduate training is offered through Chapter Institute programs and the Board's requirements of experience-training before licensing.

"Under one of Nation's best "Practice Acts", (G. S. 83) strengthened in 1953, the State Board

(Continued on page 43)

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HENRY L. LOGAN



HERBERT C. MILLKEY, AIA

42nd ANNUAL NCAIA MEETING PLANS ANNOUNCED

Plans for the 42nd annual meeting of the North Carolina Chapter of the American Institute of Architects have been completed and an interesting program of events, including the Second Annual Program of Honor Awards, will be presented, President F. Carter Williams, AIA, of Raleigh announced recently. The annual meeting will be held at Chapel Hill Thursday, Friday, and Saturday, January 26-27-28, with the Carolina Inn as headquarters.

Principal speakers for the event will include Henry L. Logan, of New York, Vice-President in charge of research for the Holophane Company; Stanton Walker of Washington, D. C., Director of Engineering for the National Ready Mixed Concrete Association; Herbert C. Millkey, AIA, of Atlanta, Ga., Regional Director of the American Institute of Architects for the South Atlantic Region; Douglas Haskell, AIA, of New York, Editor of Architectural Forum. Mr. Haskell will also serve as Chairman of the jury for the honor awards program. Paul M. Heffernan, AIA, of Atlanta, Ga., and Robert M. Little, AIA, of Miami, Fla., will serve with Mr. Haskell as members of the honor awards jury.

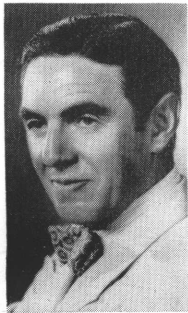
Mr. Logan is a Fellow, the American Institute of Electrical Engineers; member, the National Board of Examiners; Past Chairman Illumination Group, New York section, AIEE; Honorary Life Member, Instituto Mexicano de Iluminacion; Fellow, the Illumination Engineering Society; Past Chairman, New York Section, IES; member, National Research Council of the National Academy of Science; delegate to the International Congress on Illumination, Zurich, Switzerland, 1955.

Mr. Walker has been Director of Engineering of the National Sand and Gravel Association since 1926 and of the National Ready Mixed Concrete Association since 1930. Prior to 1926, he was Associate Engineer in the Structural Materials Research Laboratory, Lewis Institute, Chicago, Ill., during the period when basic concrete research was being done. He is a Past President of the American Concrete Institute and a Past Chairman of the Highway Research Board. He has been active in the American Society for Testing Materials and has served as a member of its Executive Committee for two terms.

Mr. Millkey is a member of the Atlanta architectural firm of Willner and Millkey, AIA. Mr.



DOUGLAS HASKELL, AIA



ROBERT M. LITTLE, AIA



PAUL M. HEFFERNAN, AIA

Millkey will present plans for the South Atlantic Regional Conference, which will be held in Durham April 12-13-14.

Members of the jury which will judge the Honor Awards Program for the 1956 Annual Meeting of the North Carolina Chapter of the American Institute of Architects include three of the most distinguished leaders in the field of architecture in the United States today.

The jury includes an architectural journalist, an architectural educator, and a practicing architect.

Douglas Haskell, Editor of ARCHITECTURAL FORUM, has been an editor and author on architectural and building subjects for 30 years. His first article advocating modern architecture appeared in 1925 and his first staff job on an architectural magazine began in 1929.

Haskell's accession in January, 1955, to editorship of the FORUM has been marked by a strong drive to build architecture into public affairs, including a campaign joined by 220 architects to preserve New York's famed Grand Central Station; a widely publicized round table by national business and planning leaders in St. Louis, Mo., on "How to Rebuild Cities Downtown;" a campaign to complete America's largest cathedral, St. John the Divine, in modern architecture; and a campaign to keep control of the Air Academy in the hands of the Air Force and the professional architects without congressional interference.

Robert M. Little is a Pennsylvania native, who moved to Florida and became famous for his contemporary tropical buildings. He has designed many residential and educational buildings in Florida and Puerto Rico which have been published nationally and is well-known in architectural circles throughout the nation.

Paul M. Heffernan is a native of Iowa and received his Bachelor of Architectural Engineering and Master of Architectural Engineering from Iowa State College. He received his Master of Architecture from Harvard.

Mr. Heffernan has been a member of the faculty of the School of Architecture of Georgia Institute of Technology since 1938 and is currently Professor of Architecture and senior design critic. He also served as a consultant on architectural education for the Southern Regional Education Board.

He is a partner in the architectural firm of Bush-Brown, Gailey & Heffernan, AIA, which for 10 years has been conducting master plan and building studies for Georgia Tech. Buildings constructed under the firm include three dormitories, textile engineering and architecture buildings, general library, college inn addition, and west stadium addition.

Prof. Heffernan is a member of the American Institute of Architects, Tau Beta Pi, Phi Kappa Phi, Tau Sigma Delta, and Theta Delta Chi. He was cited by the College of Fellows of the American Institute of Architects for effective teaching of architectural design at the 1955 AIA Convention.

1955

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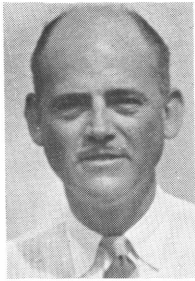


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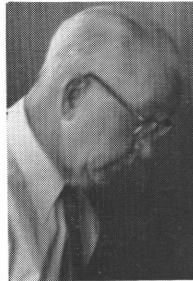


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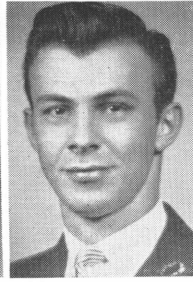
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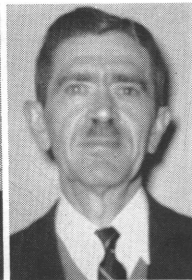
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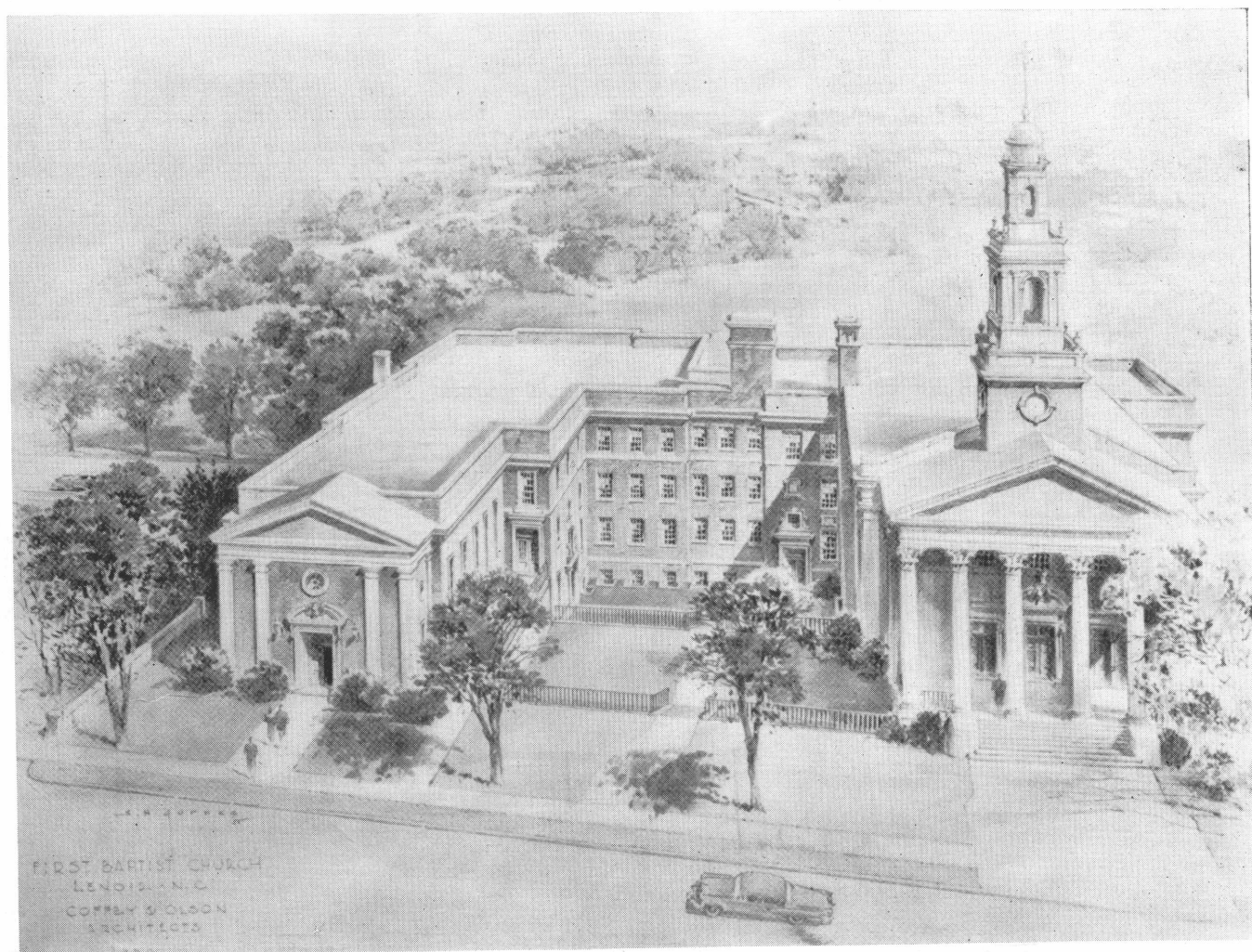
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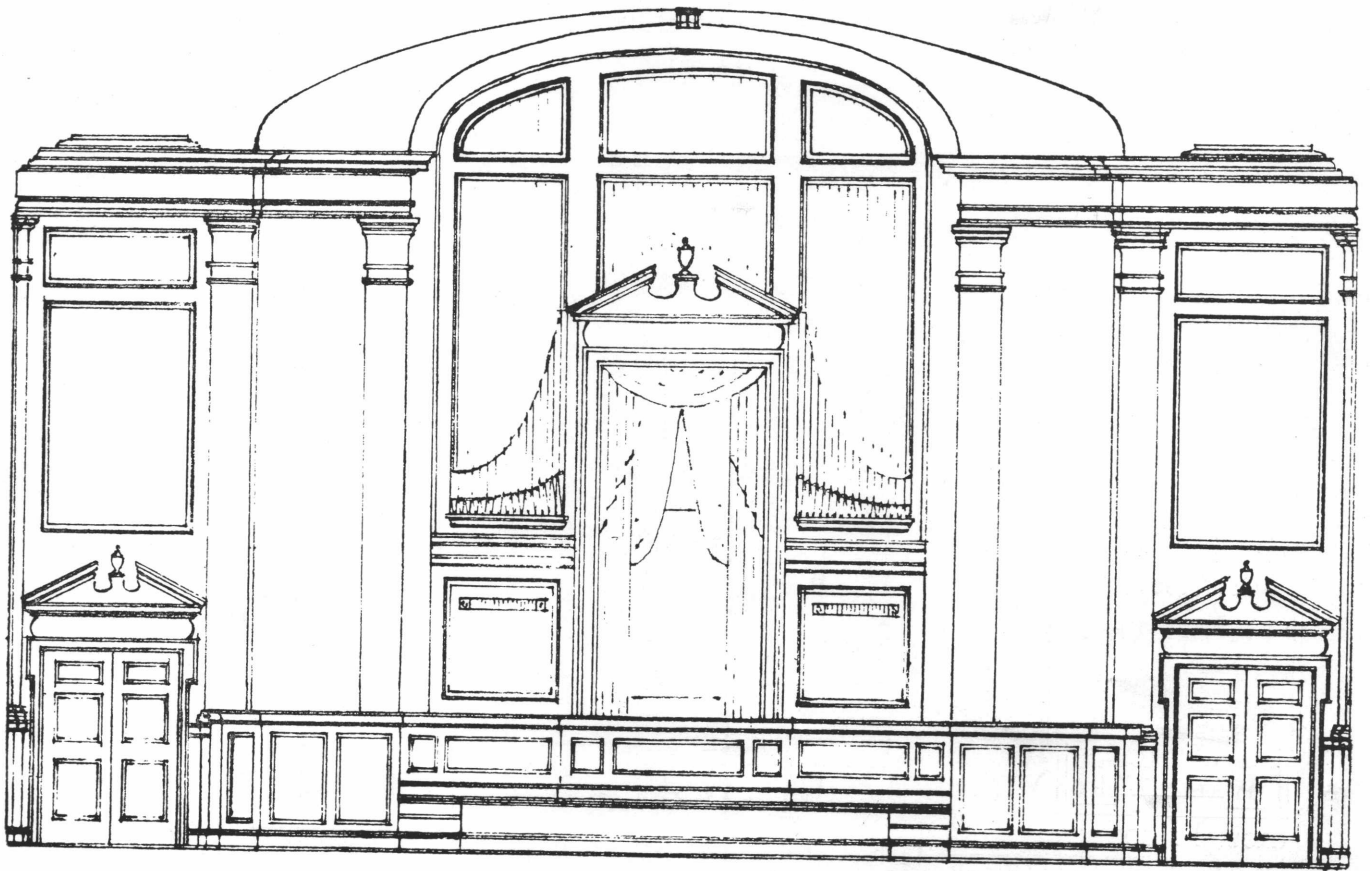
The proposed addition and alterations to the First Baptist Church of Lenoir represents an example of the adaptation of both a large addition and major alterations to an existing church structure.

The new facilities will provide expanded educational and recreational facilities as well as a chapel, with prayer room and bride's room.

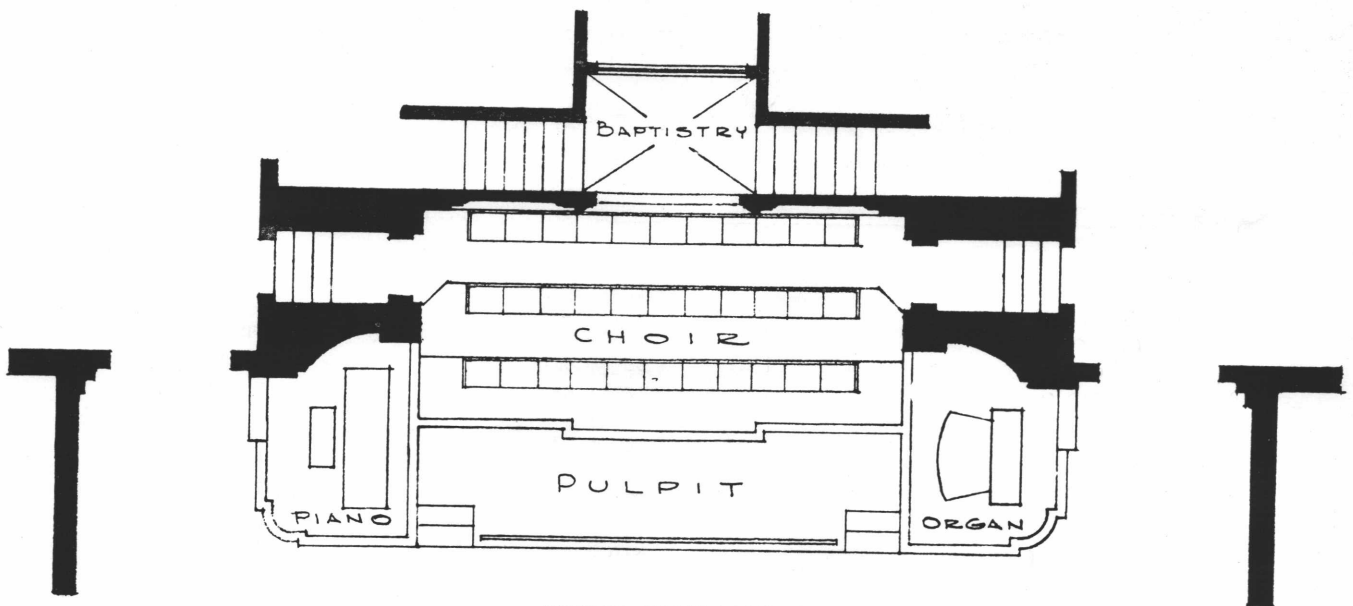
One of the changes of special interest was the complete revision of the pulpit and choir loft.

The completed addition and alterations to the existing building, shown on the right in the archi-

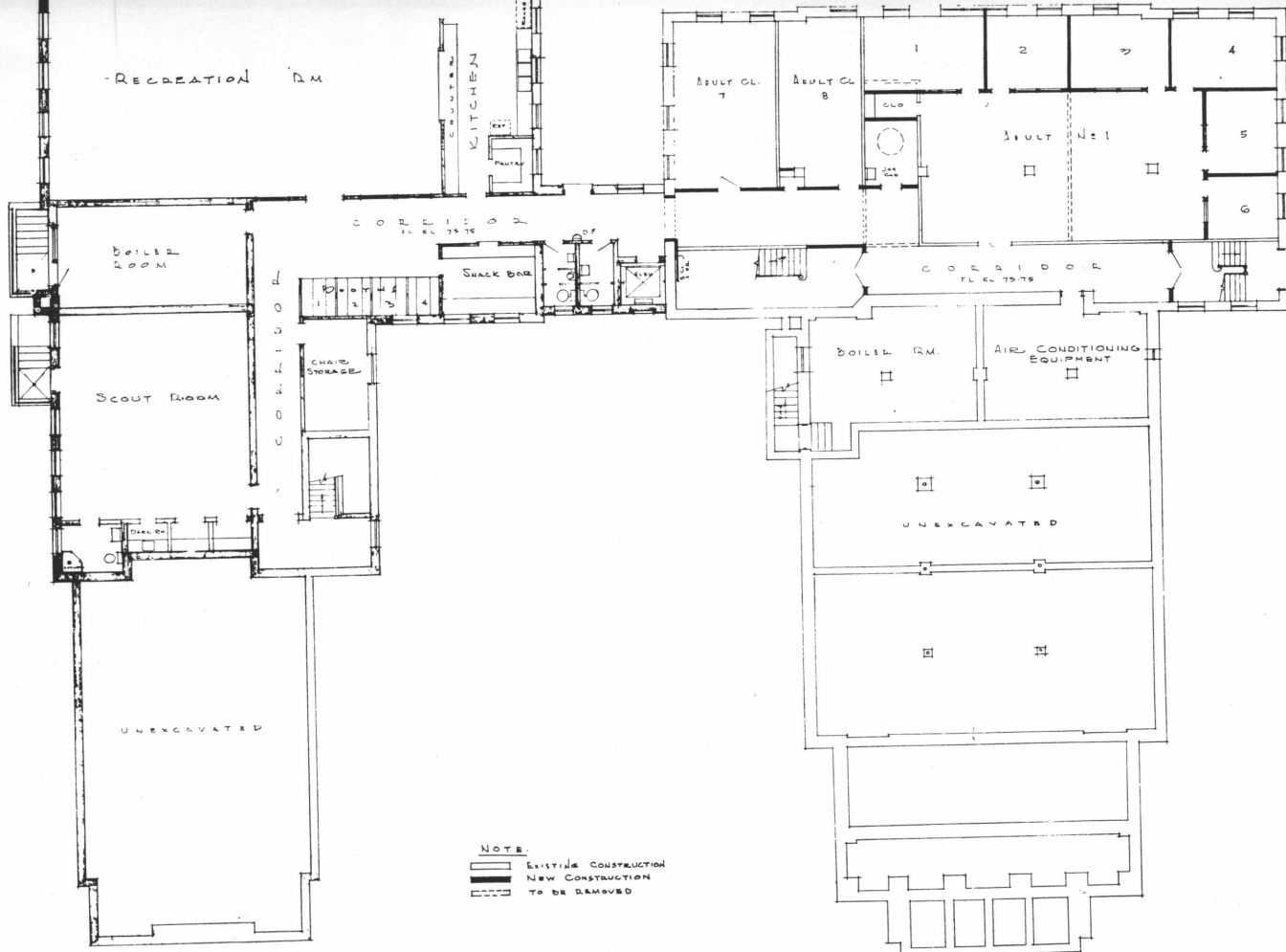
tect's rendering, will provide assembly space for as many as 1,520 persons. Among the facilities provided are five nurseries, two beginner departments, three primary departments, two junior departments, two intermediate departments, two young people's departments, three adult departments, chapel with prayer room and bride's room, a boy scout room, recreation and dining room, two kitchens, snack bar, church parlor, sound-proofed choir room with space for music, robes and rehearsals, church library, offices, two boiler rooms, storage space, elevator shaft, air conditioning room, and additional rooms for various uses.



ELEVATION



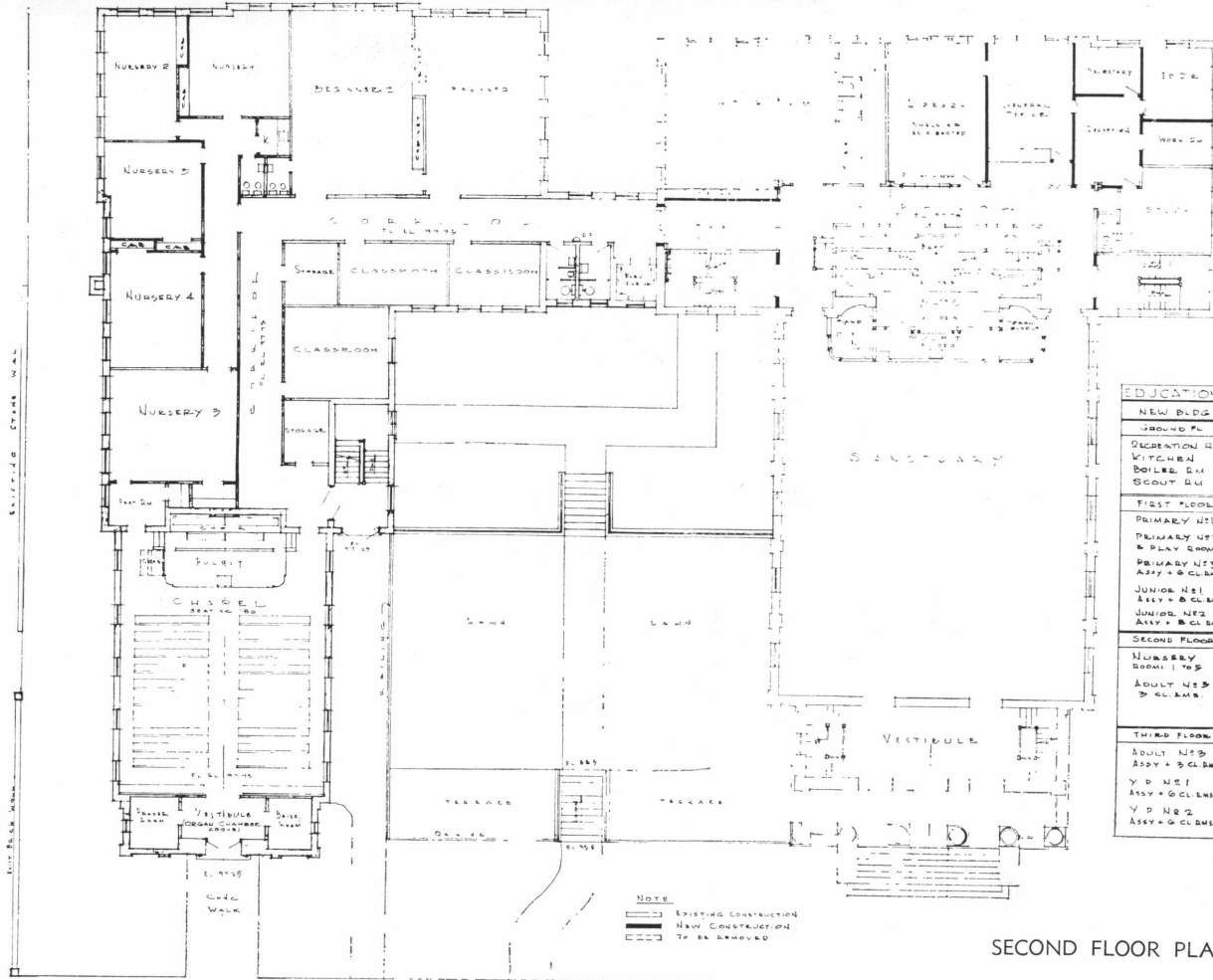
REVISED CHOIR LAYOUT



GROUND FLOOR PLAN

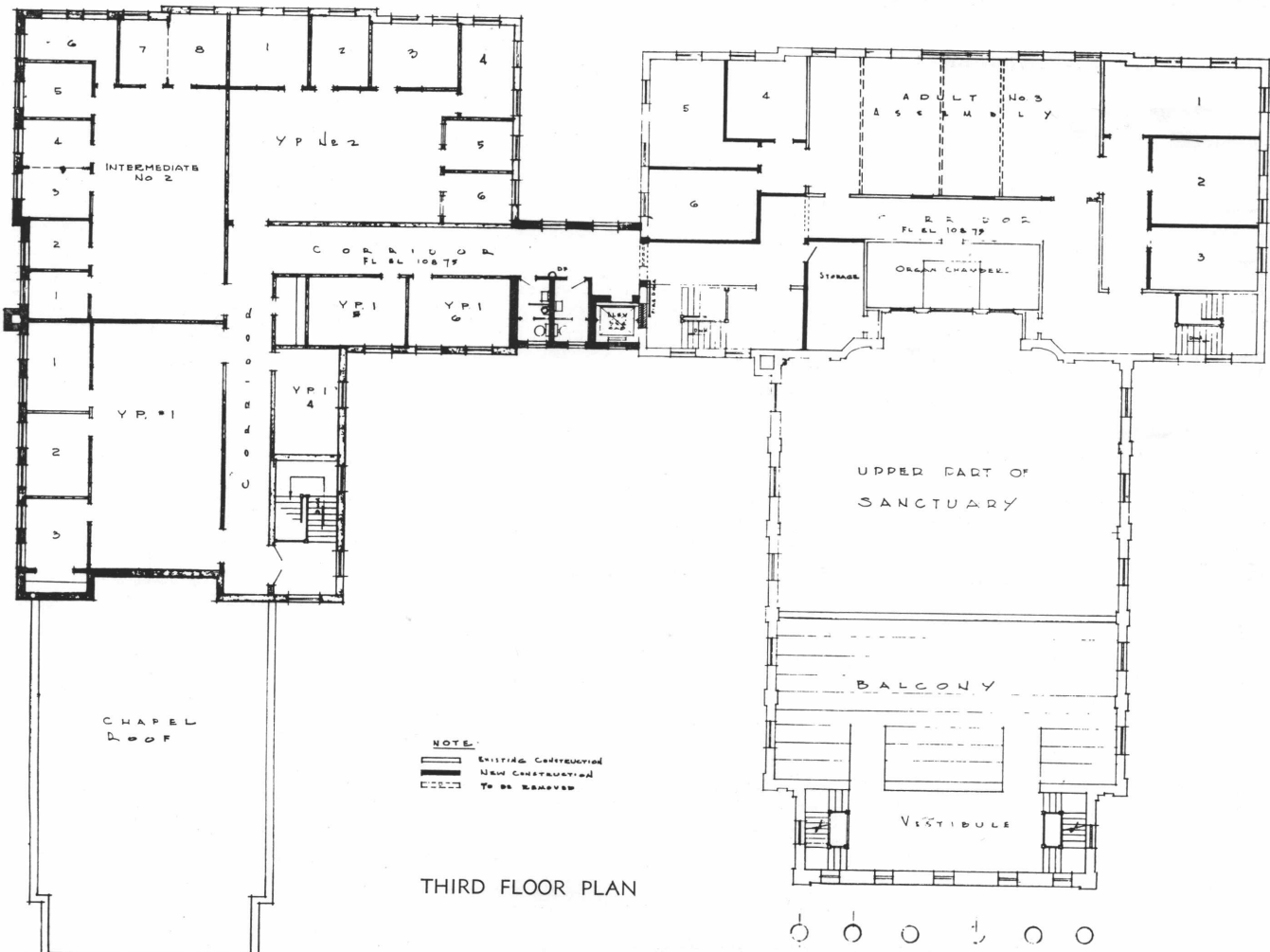


SECOND FLOOR PLAN

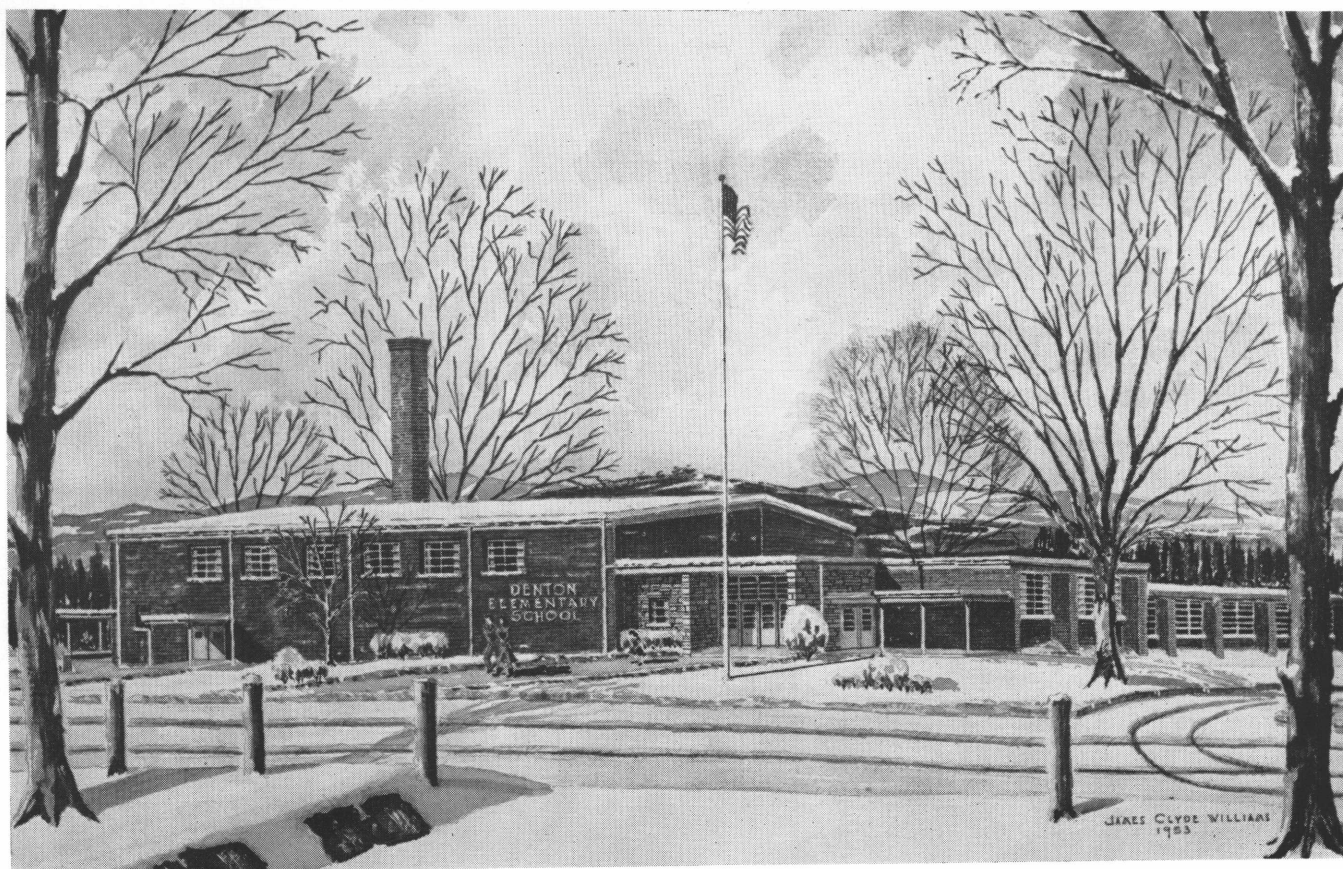


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RECREATION RM KITCHEN BOILER RM SCOUT RM	ADULT NE1 ASSY + B GLASS
FIRST FLOOR	FIRST FLOOR
PRIMARY NE1 PRIMARY NE2 PLAY ROOM PRIMARY NE3 ASSY + B GLASS JUNIOR NE1 ASSY + B GLASS JUNIOR NE2 ASSY + B GLASS	ADULT NE2 ASSY + B GLASS INTERMED NE1 ASSY + B GLASS LADIES PARLOR
SECOND FLOOR	SECOND FLOOR
NURSERY ROOM 1-10 ADULT NE3 ASSY + B GLASS	SANCTUARY STUDY OFFICE LIBRARY CHAPEL RM
THIRD FLOOR	THIRD FLOOR
ADULT NE3 ASSY + B GLASS Y.D. NE1 ASSY + B GLASS Y.D. NE2 ASSY + B GLASS	INTERMED NE2 ASSY + B GLASS

SECOND FLOOR PLAN



THIRD FLOOR PLAN



DENTON ELEMENTARY SCHOOL

DENTON

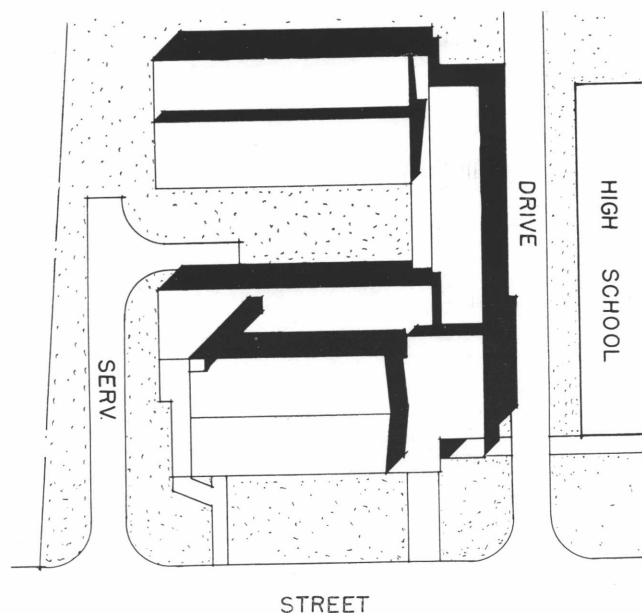
William Roy Wallace, AIA

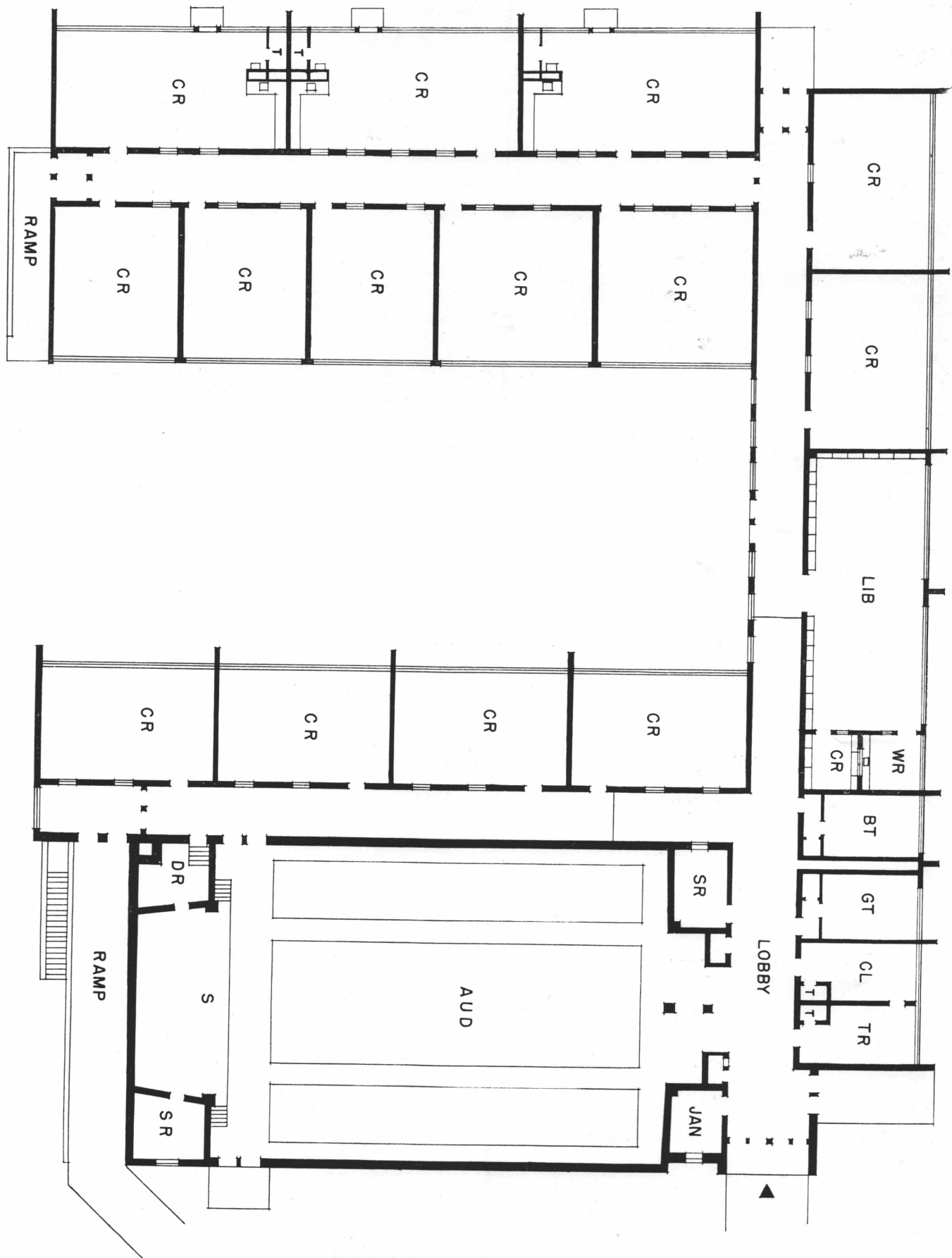
WINSTON-SALEM

The Denton elementary school of the Davidson County school system required the designing of an elementary school building on a narrow but deep lot adjoining the existing high school building. Future expansion, good sunlight orientation and access from offices in the old building were further requirements faced by the architect, William Roy Wallace, AIA, of Winston-Salem.

A "finger" design was used by the architect with present and future wings to step downhill. As a noise buffer, the auditorium and administrative rooms were placed closest to the street and on line with the office for the shortest walking distance between the office and the elementary school building.

The exterior of the building is brick and Denton flagstone, with block back-up. Exposed laminated wood beams and mill decking were used, with a built-up roof. Vinyl tile flooring on concrete slab on grade was used, with radiant heating in the floor.





FLOOR PLAN



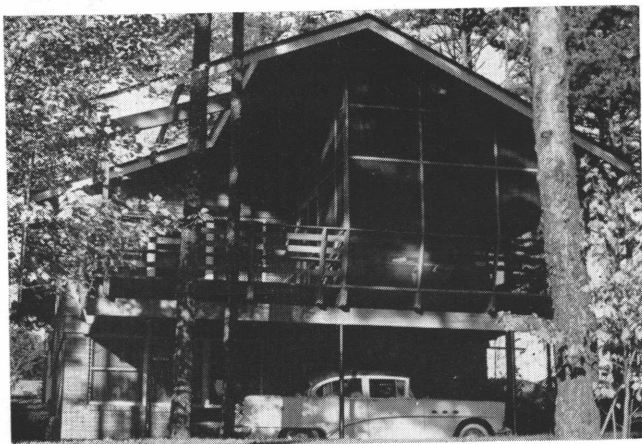
EXTERIOR

ARCHITECT DESIGNS OWN HOME

Beemer Harrell, AIA

HICKORY

CARPORT AND OFFICE ENTRANCE

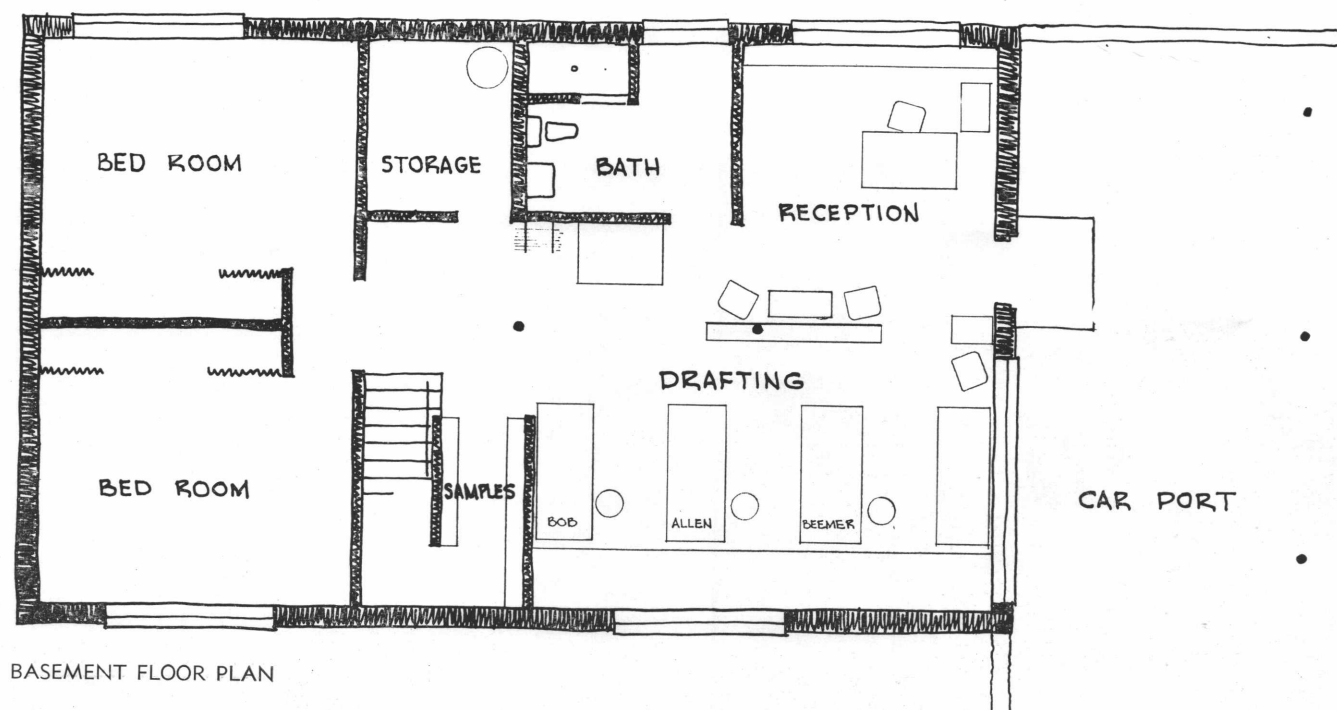
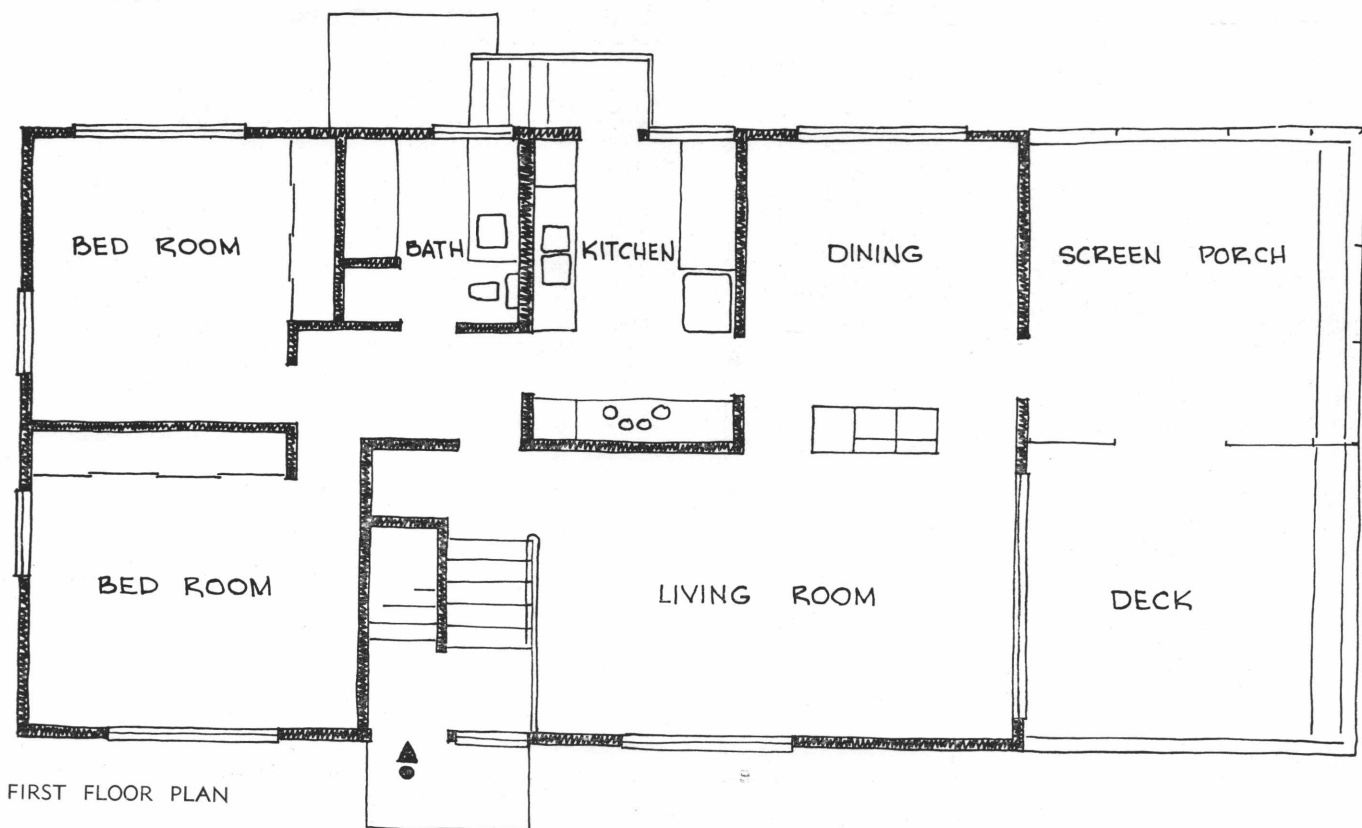


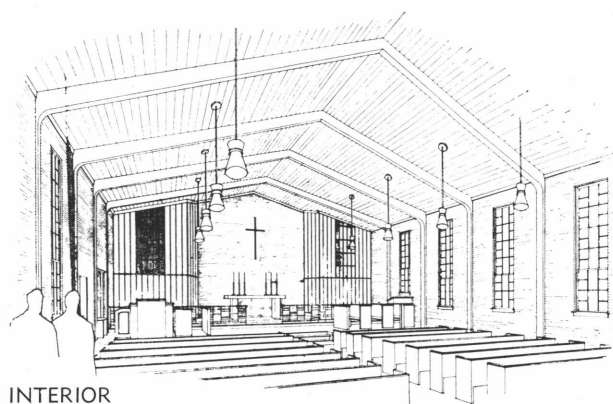
The residence of Mr. and Mrs. Beemer Harrell of Hickory is an example of a residence designed by an architect for his own use as both home and office.

The sloping lot is wide but shallow, with the slope from North to South. This provides a ground level front entrance to the first floor and a ground floor entrance to the offices in the basement through the carport.

The existing grade was disturbed as little as possible in order to save all the trees on the heavily wooded lot.

Living room and screened porch are located on the south side of the residence and the entrance is on the landing of the stairway. Exterior materials are reclaimed brick and cypress siding. Electric radiant heat is installed in the ceiling with thermostats in every room.





INTERIOR

ST. GEORGE'S EPISCOPAL CHURCH

WEST ASHEVILLE

Graves & Toy, AIA

CHARLOTTE

The shape of the property and its topography set the location for the expansion of St. George's Episcopal Church of West Asheville. The church now has a two-story building on a hillside location, with Sunday school rooms on the first floor and the church on the second floor. The second floor has an on-grade entrance to the church proper.

Graves & Toy, AIA, of Charlotte, are architects for the project.

The new Sunday school area is again located on the first floor, with the church on the second floor. The main entrance to the church is from the upper level and the street and at the same level of the second floor of the present building.

The two buildings will eventually be connected at the second floor level, with the old church serving as the parish assembly hall.

The new structure is reinforced concrete and masonry for the ground floor and church floor. The church is spanned by precast concrete rigid frames. The side walls are masonry curtain type.

The expansion program is designed for a budget of less than \$50,000 with all partitions omitted from the Sunday school area on the first floor. The expansion is expected to provide facilities for a projected growth requiring more than double the Sunday school teaching area.

EXTERIOR



FIRST FLOOR



1. CHURCH
2. SACRISTY
3. ALTAR, GUILD
4. HALL
5. MEN'S CHOIR
6. WOMEN'S CHOIR
7. FUTURE SUNDAY SCHOOL
8. BOILER ROOM
9. PRESENT CHURCH (FUTURE PARISH HALL)
10. PRESENT SUNDAY SCHOOL
11. FUTURE ADDITION



SECOND FLOOR



**NORTH CAROLINA CHAPTER
AMERICAN INSTITUTE OF ARCHITECTS**

42nd ANNUAL MEETING

JANUARY 26, 27, 28, 1956

CAROLINA INN, CHAPEL HILL, NORTH CAROLINA

OFFICIAL PROGRAM

THURSDAY, JANUARY 26

- 12:00 Noon** **Registration Begins**
- 2:00 P. M.** **Committee Meetings**
- 7:30 P. M.** **Officers Dinner Meeting**
Officers of Raleigh Council of Architects
Henry L. Kamphoefner, AIA, President
Guy E. Crampton, Jr., AIA, Vice-President
J. Stanley Fishel, AIA, Secretary-Treasurer
Officers of Charlotte Council of Architects
S. Porter Graves, Jr., AIA, President
Hugh E. White, AIA, Vice-President
Lucian J. Dale, AIA, Secretary-Treasurer
Officers of Guilford Council of Architects
C. C. Hartmann, Jr., AIA, President
E. D. Everhart, AIA, Vice-President
J. F. Wicker, AIA, Secretary-Treasurer
Officers Western N. C. Council of Architects
J. L. Beam, Jr., AIA, President
A. L. Pendleton, AIA, Vice-President
J. B. King, AIA, Secretary-Treasurer
Officers Eastern N. C. Council of Architects
A. C. Jenkins, Jr., AIA, President
C. H. Boney, AIA, Vice-President
R. H. Stephens, AIA, Secretary-Treasurer
Officers Winston-Salem Council of Architects
Luther Lashmitt, AIA, President
Gorrell R. Stinson, AIA, Vice-President
Fred W. Butner, Jr., AIA, Secretary-Treasurer
- 8:30 P. M.** **Committee Meetings**
- 9:00 P. M.** **Executive Committee Meeting**

FRIDAY, JANUARY 27

- 10:00 A. M.** **Reports of Committees**
Program
Archie Royal Davis, AIA, Chairman
James L. Beam, Jr., AIA, Co-Chmn.
Office Practice
Luther S. Lashmitt, AIA, Chairman
Leon S. McMinn, AIA, Co-Chmn.
Public Relations
John C. Knight, AIA, Chairman
Arthur C. Jenkins, AIA, Co-Chmn.
Judiciary
William H. Deitrick, FAIA, Chairman
Relations with the Construction Industry
Jesse M. Page, AIA, Chairman
Owen F. Smith, AIA, Co-Chmn.
Education
Robert F. Arey, AIA, Chairman
Collaboration of Design Professions
John Erwin Ramsay, AIA, Chairman
Lucian J. Dale, AIA, Co-Chmn.
School Buildings
W. R. James, Jr., AIA, Chairman
Home Building Industry
R. Emory Holroyd, Jr., AIA, Chairman
Hospitals and Public Health
Walter W. Hook, FAIA, Chairman
Urban Design and Housing
James M. Webb, AIA, Chairman
Research
Albert S. Haskins, AIA, Chairman
Preservation of Historic Buildings
James A. Stenhouse, AIA, Chairman

FRIDAY, JANUARY 27

2:00 P. M. Induction of New Members

Corporate Members

Julian A. Altobellis, Wilmington
Robert Edward Bush, Hickory
Robert Lemuel Daniels, Brevard
J. Stanley Fishel, Raleigh
Don Deleno Folk, Jr., Charlotte
Jack Thurston Gray, Charlotte
George Albert Griffin, Concord
Henry C. McDonald, Brevard
William Roy Wallace, Winston-Salem

Associate Members

Robert Lee Clark, Hickory
Robert Gladstone, Chapel Hill
William D. H. Jackson, Durham
Henry C. Moore, Winston-Salem
Peter R. Norris, Raleigh
Herbert L. Walker, Jr., Durham
Herschel Gray Walters, Charlotte

2:30 P. M. "Lighting"

Henry L. Logan, Vice-President, Holophane Company

3:30 P. M. "Architecture—USA"

Cyrill H. Pfohl, AIA

Open to Guests

4:00 P. M. The Regional Conference

Herbert C. Millkey, AIA, Atlanta, Ga.
Regional Director of the South Atlantic District
of the American Institute of Architects

4:30 P. M. The Regional Conference

William Henly Deitrick, FAIA,
General Chairman

SATURDAY, JANUARY 28

10:00 A. M. Committee on Exhibitions and Awards

Second Annual Program of Honor Awards
in Architecture
Announcement of Awards of Merit By Jurors

10:30 A. M. Reports of Committees

Building Codes

Eccles D. Everhart, AIA, Chairman

Architect and the Government

Anthony Lord, AIA, Chairman

Legal Affairs

S. Scott Ferebee, Jr., AIA, Chairman

Publications

A. G. Odell, Jr., AIA, Chairman

Institute Fellowship

Erle G. Stillwell, FAIA, Chairman

Reports of Officers

Election of Officers and Directors

2:30 P. M. New Business

3:00 P. M. "Concrete In Architecture"

Stanton Walker, Director of Engineering,
National Ready Mixed Concrete Association

Adjournment

EXHIBITS

PERSON HALL ART GALLERY

9:00 to 4:30 daily

NCAIA HONOR AWARDS IN ARCHITECTURE

ACTIVITIES

THURSDAY, JANUARY 26

6:00-7:30 P. M. Reception
North Carolina Concrete Masonry Association
Bill Duff, Host

FRIDAY, JANUARY 27

1:30 P. M. Ladies Bridge and Canasta Party
Mabie-Bell Company
Mrs. J. H. Bell, Hostess

5:00 P. M. Board of Directors
N. C. Architectural Foundation

6:00-7:30 P. M. Reception
Arnold Stone Company
J. H. Schlag, Host

7:30 P. M.

NCAIA Dinner
Douglas Haskell, AIA, Speaker
Editor, "Architectural Forum"

9:00-12:00

NCAIA Dance
Russ Olson and his Orchestra

SATURDAY, JANUARY 28

1:30 P. M. Ladies Bridge and Canasta Party
F. Graham Williams Company
Mark P. J. Williams, Host

6:00-7:00 P. M. Reception
N. C. Ready Mixed Concrete Association
H. J. Stockard, Jr., Host



OFFICE BUILDING, HANOVER, GERMANY

PRESENT-DAY GERMAN ARCHITECTURE

DORTMUND, WESTFALENHALLE



It is not easy to give a clear picture of German architecture today without sketching the previous stages of its development. During the second and third decades of the century, Germany was in the forefront of modern building. The school of architecture called the "Bauhaus" was at that time in its heyday, and men like Mies van der Rohe, Polzig, Gropius, Behrens, Tessenow, Mendelssohn and May were teaching and building throughout the country.

The question may well be raised whether the creative momentum of those years was sufficiently strong to bridge the gap of a period which defamed and even forbade the most modern trends of architecture. It is hard to imagine that the architects of the time should have been able to rescue across those years even a small part of the impetus, deprived as they were of all media of expression.

One of the answers is that the architects employed in industry were relatively free and had sufficient means at their disposal to carry on. This relatively small group was predestined to take in hand post-war reconstruction. Although the three years immediately following the war were anything but favourable for actual large-scale construction, they were—all the more—time filled with intensive planning for the coming years. With the currency reform of 1948, and with the restoration of confidence which this reform entailed, such plans could begin to take practical shape.

Town-Planning

Despite the mountains of rubble in the cities, town-planning could not be permitted to concentrate its efforts on the untouched outskirts of the towns. The centres of the cities had to be reconstructed, if only because of the immeasurable assets buried under tons of rubble—the underground drainage and cable systems. But the previous outlay of those centres was usually highly inadequate for the requirements of modern traffic. Thus, planning had to include many compromises. Today, the bottlenecks of traffic are where these centres meet the newly built outlying districts. Only in rare cases—and at immense expenditure—could really satisfactory solutions be applied.

Another problem was to make possible large-scale housing construction with plenty of light, air and green areas. Here property rights were often an obstacle. Thinking in terms of large units of space, town-planners often had to take into account great numbers of conceivably small units of real estate.

Modern Trend Victorious

Nevertheless, it can be said that on the whole there have been good results. Since this kind of building must be regarded as renovation rather than completely new construction, it cannot be measured by the highest theoretical standards of modern townplanning.



SCHILLER THEATER, BERLIN

During the first period of reconstruction, moreover, the old truth applied that quantity is often the enemy of quality. By stress of circumstances, a great amount of hasty construction was unavoidable. Furthermore, in cities with an old historical tradition, there were those who championed faithful reproduction of earlier styles of architecture, and even though their opinion rarely prevailed, it was another obstacle to be overcome.

In coping with these difficulties, the architects of Germany soon made it clear that the spirit of modern architecture was still alive. The instruction and work at the schools of architecture, the entries in architectural contests, the practical examples of completed structures—all illustrated the general trend to combine functional design with a lavish use of space, creating green areas and letting in much air and light. A very conspicuous tendency is the well-proportioned use of colour, where formerly only white was considered suitable for exteriors.

Although there has been an incredible amount of housing construction, the larger edifices—such as banks, schools and administrative buildings—are more likely to catch the eye of the casual observer. They are the very ones, however, that demonstrate how far the old neo-classical style has been left behind. Their outstanding characteristics are restraint and clarity of line, and they are representative of modern life not only in that they fulfil its requirements but also in that they express its spirit. They as well as the layout of housing projects show that today more than ever

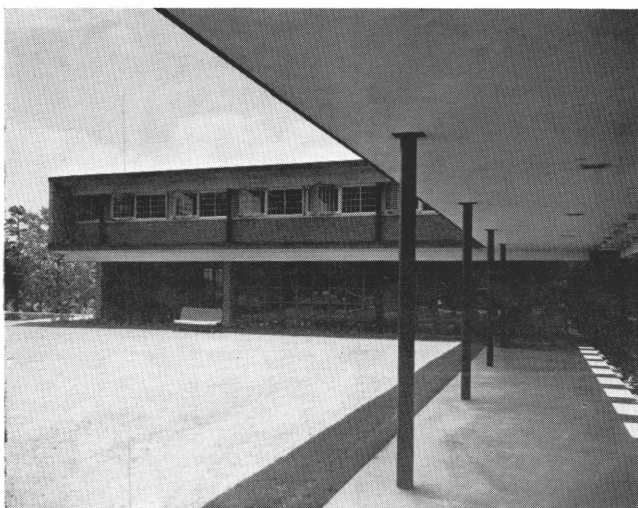
German architecture is concerned with the individual and his well-being.

Hanover's "New" Medieval Quarter

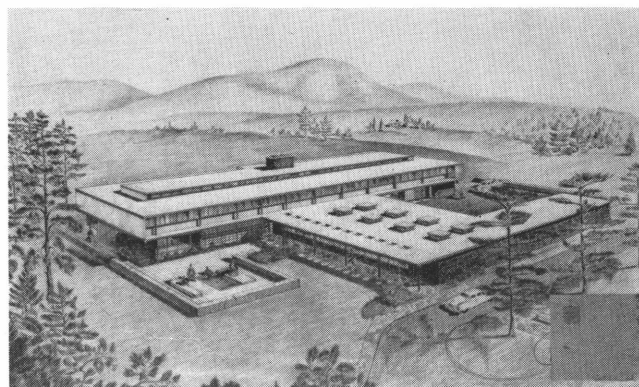
In the centre of the modern city of Hanover medieval houses are being reconstructed. Half-timbered buildings in various sections of the city are being dismantled and reconstructed in the Old Town between the historical Market Church, the Gothic Town Hall and the former Royal Palace. So far three half-timbered houses of several stories have been moved and a number of facades with black-and-white patterns restored to their original state. In order to keep the streets of this "new Old Town" wide enough for modern traffic requirements, the fronts of some of the old houses are being supported by pillars and the sidewalks run under arcades.

Record October Festival

According to preliminary statistics, this year's Munich October Festival saw about 7 million visitors (a million more than in 1954), with an unprecedented number of foreigners from European and overseas countries. More than 3,000,000 quart steins of beer were dispensed, 16 oxen roasted whole on the spit, and some 160,000 fried chickens, 7 hundredweight of fish and 800,000 pair of sausages consumed. The casualties in beer steins amounted to 35,000 which were broken, sold or "taken along" as souvenirs. Some 330 children between 2 and 14 years of age had to be taken care of at the "lost and found office" for children.



EXTERIOR



FARM COLONY BUILDING

STATE HOSPITAL, MORGANTON

John Erwin Ramsay, AIA

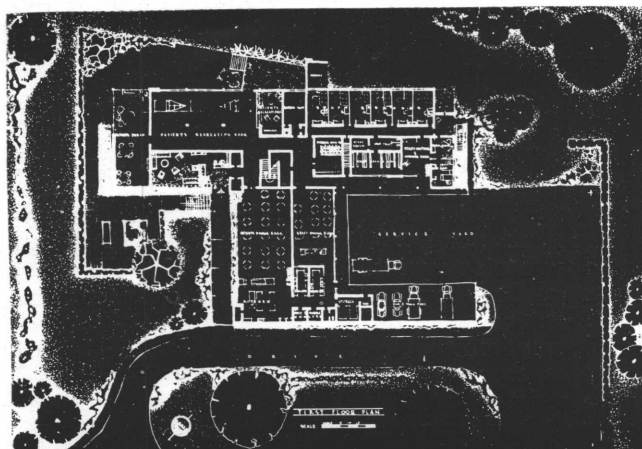
SALISBURY



INTERIOR

1955 NCAIA AWARD OF MERIT
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FLOOR PLAN



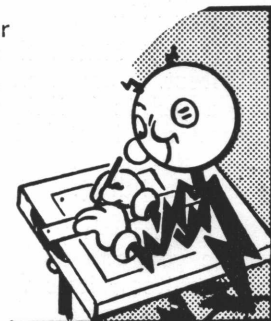
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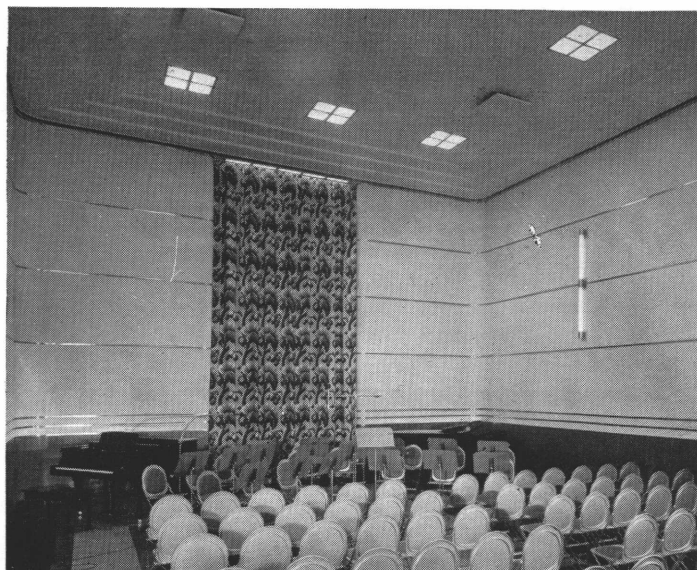
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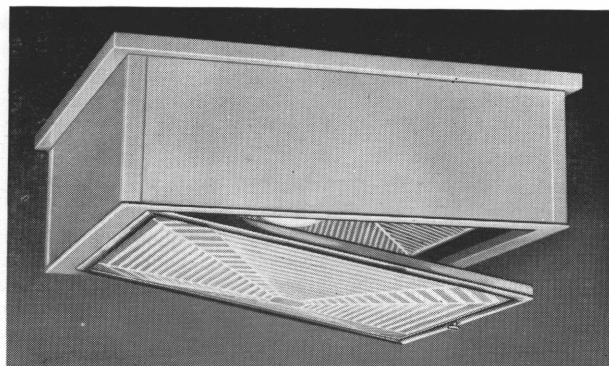
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HOW TO CHOOSE YOUR ARCHITECT

By JOHN R. SCOTFORD

Usually there is someone around who will say, "Why do we need an architect? We can draw our own floor plans and then get some good builder to carry them out. Why spend all that money for an architect?"

In most states the law is on the side of the architect. A common requirement is that the plans for a public building must be signed by a registered architect before they can be approved by the state or local authorities—and a church is a public building.

Even though you live in one of the few states where you can still build without the blessing of an architect, it is foolish not to use his services. A church is a complicated structure serving rather special purposes. Particularly in this country, it is developing in patterns all its own.

For most people, building a church is a one-in-a-lifetime experience. Because they are going down a new road they need all the expert help they can get. Money spent in employing the experience of those who have already been through the problems which confront you is a good investment which will pay dividends both in financial economics and in an infinitely better building.

In looking for an architect there are numerous pitfalls to be avoided. Do not employ a man simply because he is close at hand. Encouraging local enterprise is all right, but the supreme test of a man's fitness to plan a church is not how near he lives to the site. Engaging the relative or friend of a churchmember is dangerous business. This practice may work in a standardized matter, such as placing insurance, but building a church requires something more than social talents.

Don't hire an architect on the basis of some prior commitment, such as the sketches he made five years ago or the drawing which he donated for the financial campaign. The sensible procedure is to pay for past favors and thus clear the ground for an unhindered choice. Avoid at all costs letting yourself be put under obligation to an architect. The results are usually poor.

It is better for you to seek the architect rather than for him to seek you. Instead of making a choice from those who offer their services you should take active steps to find the best man for the job.

The ultimate test of an architect is not his ability as a salesman nor his skill in turning out

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... When I suggest this idea, it is upon the principle that a short shingle if it shows in proportion, affords as many laps as a long one, consequently (in a roof not very flat) must be as tight. — for instance, if an 18 inch shingle shows 6 inches, two parts out of three of it is covered: so in like manner is a 15 inch shingle if it shows no more than five...

I am
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G^t Washington

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CHARLOTTE, N. C.

pretty pictures of imaginary buildings, but the success of the structure which he has actually planned.

In considering architects, then, the first step should be to see what they have done. This should be more than a casual inspection to see whether the committee "likes" the way the building looks. Don't stop at just one church which the candidate has supervised. Look at several, and if they are all pretty much alike, scratch that name off your list. Churches are not chain stores. Each one is situated on a different site and should be planned to meet different needs. The architect who repeats one general plan should be avoided.

If you become interested in the work of a particular man, it is wise to talk with some of his former clients. How close were his estimates to the actual cost of the building? If he missed the mark by more than ten per cent, he should be viewed with suspicion. How well did he get on with the building committee? Would they employ him again if they had another church to build, or would they look for someone else?

The next step is to talk with those architects who have met these preliminary tests. Remember that you are hiring not a salesman but an architect. A happy approach is sometimes combined with architectural ability, but a man should be judged on what he can achieve with his pencil, not on what he does with his tongue.

Beware of the man who **begins** with a beautiful sketch. This is an easy way to sell many commit-

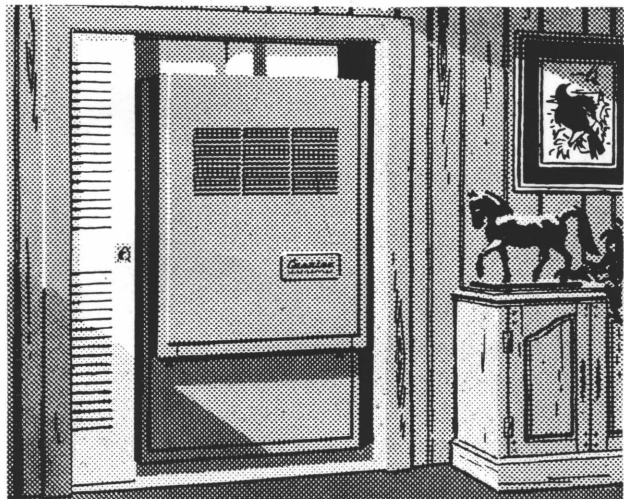
tees. They see something which gives them an emotional lift, and they want it. But turning out pleasing projections is a much easier matter than building a satisfactory church. There are plenty of artists around who make lovely drawings.

In the past, most churches have been planned from the outside in—with disastrous results, particularly in the location of the stairs, storage facilities and toilets. Don't buy a picture; what you want is a church!

An excellent test of an architect is the way he studies the proposed site. Some plans could have been drawn by a man who never left his office. On the other hand, there have been wise churches which considered five architects and then chose the one who looked hardest at their site. A church rests on a particular piece of ground, and the nature of that ground has much to do with what should be built on it.

Your architect should be neither a yes-man nor a dictator. Some of the worst plans ever drawn were prepared by men who were over-anxious to please and who sought to incorporate every feature which anybody suggested. What saves such situations is that the cost usually becomes an impossible barrier. Then some architects are bent on putting over their ideas regardless of the wishes of the client. If they would guarantee their own greatness, this might be all right, but the line between genius and stubbornness is hard to find. Any architect worth having will bring to the job some ideas which had never entered the head of

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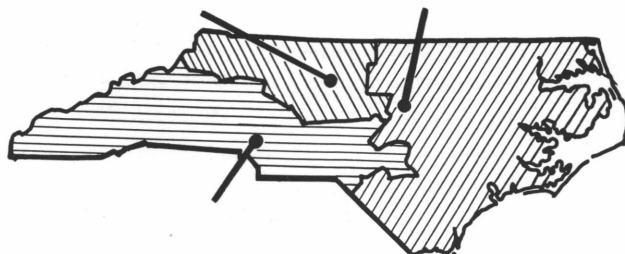
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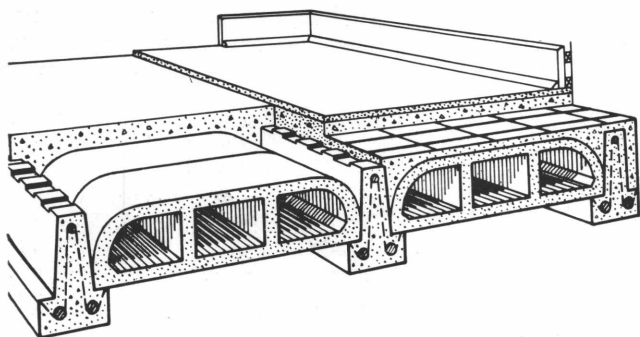
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CHARLOTTE, N. C.

the congregation, but he will also listen to what the committee has to say. The best results are achieved when architect and committee argue things out between them with neither trying to browbeat the other.

This brings us to a difficult question. There are two kinds of architects: copyists and creators. Some churches want the former. Their ambition is to "buy a copy" of something which they have seen. This is a simple matter. However, most churches cannot afford to do this. Because of current building costs they must look to new ways of construction. They need, although they may not always want, an architect who can create something new and different, not because they love the novel, but simply because the old will no longer do. Here, again, the way to find the answer is to look at what a man has done. If he merely copies, don't engage him, unless that is what you want. If he is a bit venturesome, and you are prepared to venture, he is your man.

In some ways, choosing an architect is like selecting a psychiatrist. In both cases the relationship is long continued and intimate. If you do not like each other it can become quite painful. An architect is someone with whom you must work. Things will go better if you are personally congenial.

The attitude of an architect toward his fee may be significant. As a profession, architecture is likely to be a feast or famine proposition. At a

given time most offices either have too much work, or too little. Rarely are they just comfortably busy. Business can be slack for many legitimate reasons, and when commissions are few, architects grow anxious and look for work. Sometimes it seems desirable to keep an office going even though there be little profit in the work. After all this is said, it is still wise for a church to be a bit suspicious of the man who is over-anxious to get a job, or who is willing to cut his fee to land a commission.

From the point of view of the architect, church work is not particularly profitable. Instead of dealing with a single client he must work with a committee over an extended period, and committees do not always know their own minds. Everything about a church must be designed particularly for it. The parts do not repeat themselves, as in a school or factory. More planning is required for each thousand dollars of expenditure than in any other type of building. The architect who has plenty of work cannot afford to take a church for the same percentage that he gets for a factory or a school.

Architects are a patient and long-suffering group of men blessed with more than a normal amount of imagination. It is their dreams which keep them going. Many of them are deeply devoted to the church. Most architects are worth much more than they cost.—Reprinted from the Christian Herald by permission.



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PRODUCTS CARAVAN ATTRACTS WIDE INTEREST

New building methods and products were exhibited to architects, builders, engineers, contractors, and others interested in the construction field January 5-6 under the sponsorship of the Charlotte Producers Council, which presented its annual products caravan to the industry at Radio Center in a two-day exhibition.

Modular construction methods were a prominent feature of the exhibit, which attracted several hundreds of visitors from throughout this section of the Carolinas.

Forty-six exhibits of particular interest to architects were on display, covering all forms of construction materials. The current products caravan marks the second year that the building products industry has sent exhibits of its products on a

coast to coast tour. Thirty-eight cities compose the tour, which started in Chicago last September and ends in Milwaukee in April.

George R. Bridges, manager of the exhibit, declared that the emphasis on modular coordination apparent in the exhibits was due to its increased use on a nation-wide basis. Modular coordination is a system to standardize the dimensions of construction materials to effect a greater economy in the manufacture of building products and in the actual construction use of these products through savings in both materials and labor costs.

The movement toward standardization in the construction industry started some 10 years ago and has gained increased impetus in recent years.

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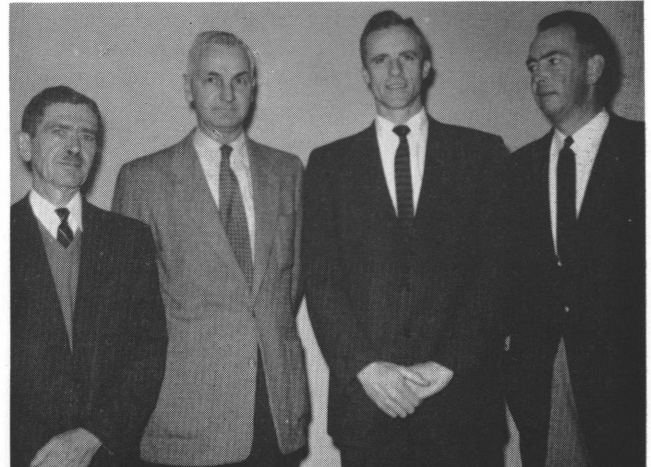
S. Porter Graves, Jr., AIA, was elected President of the Charlotte Council of Architects at the January meeting of the group, which was featured by a Meet The Press session with representatives of Charlotte newspapers and radio stations. Mr. Graves succeeds Tebee P. Hawkins, AIA, who has served as President during the past two years.

Hugh E. White, AIA, was chosen as Vice-President, with Lucian J. Dale, AIA, as Secretary-Treasurer. Mr. White succeeds S. Scott Ferebee, Jr., AIA, while Mr. Dale replaces Charles H. Wheatley, AIA.

Retiring President Hawkins was elected to the board of directors for a two-year term. W. A. Bowles, AIA, retires from the board of directors.

Special guests of the Charlotte Council were Randolph Norton, Managing Editor of the Charlotte Observer; Tom Fesperman, Managing Editor of the Charlotte News; Walter Damtoft, Acting Day City Editor of the Charlotte Observer; James Poston, Manager of Stations WAYS; and Frank Harden, Manager of Station WIST.

Walter W. Hook, FAIA, spoke briefly outlining the desire of the Council and its members to cooperate with the press and radio in providing coverage of construction and architectural activities in the community and pointing out the restrictions



New officers of the Charlotte Council of Architects are pictured above as follows: Lucian J. Dale, AIA, Secretary-Treasurer; S. Porter Graves, Jr., AIA, President; Hugh E. White, AIA, Vice-President; and Tebee P. Hawkins, AIA, Retiring President and Director-elect.

placed upon architects by the AIA code of ethics which prevents advertising and personal publicity.

Mr. Fesperman and Mr. Norton spoke representing the press, after which a question and answer period was held.

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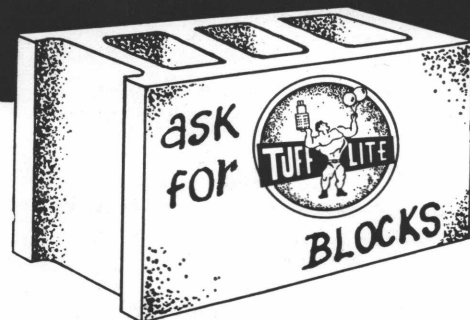
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BRICK AND TILE SHORT COURSE HELD

The second annual Brick and Tile Engineering short course was held at North Carolina State College January 16-21 under the sponsorship of Brick and Tile Service, Inc., of Greensboro in co-operation with the School of Engineering and the Division of College Extension of North Carolina State College.

F. Carter Williams, AIA, of Raleigh, President of the North Carolina Chapter of the American Institute of Architects, and Dean Henry L. Kamp-hoefner, AIA, of the School of Design, North Carolina State College, participated in the short course. President Williams served as a panel member for a panel discussion on the "Future of Clay Products" while Dean Kamphoefner spoke on "What the Architect Expects of Masonry".

Other speakers included: Dr. J. H. Lampe, Dean of the School of Engineering of North Carolina State College; H. B. Foster, General Manager of Brick and Tile Service, Inc.; Sidney McNall and M. H. Allen, Structural Clay Products Institute;

James A. Lee, Southern Brick and Tile Manufacturers Association; C. R. Bramer and C. L. Mann, Jr., Civil Engineering Department, State College; C. N. Heath, General Shale Products Company; Kern Church, North Carolina Insurance Department; Robert Abel and K. P. Gomo, Brick and Tile Service, Inc.; Walter King, King-Hunter Construction Company; and James L. Hege, Hege, Middleton and Neal, Advertising.

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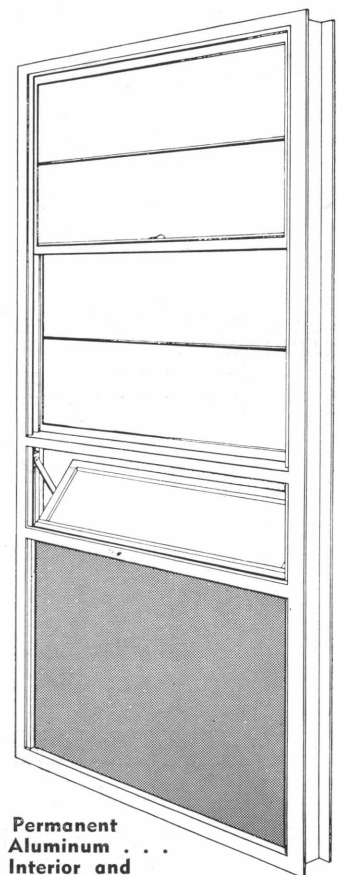
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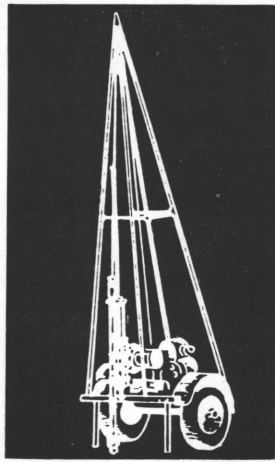
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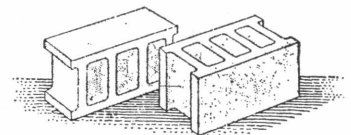
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ANNOUNCE PLANS FOR RESIDENTIAL COMPETITION

An architectural competition offering a total of \$15,000 in prizes and fees for a series of six houses to feature a new permanent exhibit of residential landscape planting has been announced by the Morton Arboretum at Lisle, Illinois, just outside Chicago.

The competition is sponsored by the arboretum with the cooperation of the American Institute of Architects, the Chicago Building Congress and the Chicago Museum of Science and Industry. The architectural adviser is Howard T. Fisher, AIA.

The Morton Arboretum is a privately endowed educational and research foundation devoted to the scientific study of arboriculture and horticulture. Its grounds cover over 1000 acres devoted to more than 4800 species, varieties and hybrids of trees and woody plants from all over the world.

The object of the competition is "to stimulate and demonstrate original thinking on the relationship between the interior and exterior of houses." It is contemplated that at least six houses will be built on the arboretum grounds, chosen from the prize winning designs. The "architectural problem" is explained as "small two and three-bedroom suburban and country houses for occupancy of the arboretum staff."

The jury that will select the prize winners consists of Douglas Haskell, New York; James T. Lendrum, Urbana, Ill.; John Normile, Des Moines, Iowa; Philip Will, Jr., Chicago, and L. Morgan Yost, Kenilworth, Ill. All are members of the AIA. Technical Consultant is Edward G. Gavin of Chicago.

The awards will include a grand prize of \$100 each and 20 honorable mentions of \$50 each. In addition to the prizes, six contracts for architectural services are planned, three for \$1800 each and three for \$1200 each.

The competition is open to architects, architectural draftsmen and students, and "all others interested in small house design." Competitors must register, without charge, with the architectural adviser, Howard T. Fisher, 322 W. Washington St., Chicago 6, Ill. The closing date of the competition is May 7, 1956, and judgment of entries will be completed by June 4 with announcement of winners to be made by June 11.

To aid competitors, a special "package library" of selected material on small house design and construction has been assembled with the assistance of the AIA.

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ANNUAL QUALITY CONCRETE CONFERENCE CONDUCTED

The fourth annual Quality Concrete Conference was conducted at North Carolina State College December 9-10 by the School of Engineering and the College Extension Division under the joint sponsorship of the North Carolina Concrete Masonry Association, the North Carolina Ready Mixed Concrete Association, the North Carolina State Highway and Public Works Commission, and the Portland Cement Association.

F. Carter Williams, AIA, of Raleigh, President of the North Carolina Chapter of the American Institute of Architects, presided over the final session of the conference, at which time John J. Croft, AIA, of Asheboro spoke to the group on "Architectural Concrete".

Other speakers included: W. H. Rogers, Jr., Chief Engineer, North Carolina State Highway and Public Works Commission; Dr. Carey H. Bostian, Chancellor of North Carolina State College; Dr. J. H. Lampe, Dean of the School of Engineering of State College; Warner Harwood, Gordon H. Maynard, and G. J. Schmitt of the Portland Cement Association; Raymond J. Schutz, Sika Chemical Corporation; Carl Olson, Besser Manufacturing Company; and Miles N. Clair, consulting engineer.

PRESIDENT'S MESSAGE

(Continued from page 9)

has greatly augmented its enforcement efforts. During the past year the Board has also prepared new Rules and Regulations and new mandatory standards of practice.

"The North Carolina Chapter, AIA, with dynamic leadership by its Presidents and much unselfish work of its Committees, has united and stirred the profession within its ranks, and greatly extended its influence and services with public agencies, notably the School Planning Division, the Hospital Board and the State Budget Bureau. Southern Architect has been successfully launched, and Archives established. Competition, design displays and TV productions have been added to the public relations programs. Local Councils of Architects have been formed to supplement the work of the State Chapter, and North Carolina will be host in April, 1956, to the South Atlantic Regional Conference, AIA.

"These activities, not forgetting the services of an increasing number of architects on public board and commissions, are some of the ways through which the profession of Architecture in North Carolina is keeping pace with its growing practice and with these changing times."—R. Mayne Albright.

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GENERAL MANAGER

H. B. Zimmerman, formerly regional manager for General Electric Supply Company in Virginia and the Carolinas, has been named general manager of the Hotpoint Appliance Sales Company, with headquarters in Bridgeport, Conn. The newly-formed company will have charge of the distribution of Hotpoint products as a new division of the General Electric Company.

MOVE OFFICES

The offices of Graves & Toy, AIA, of Charlotte are now in a new location at 118½ East Fourth Street in Charlotte.

IN NEW OFFICES

Charles Potter, Jr., AIA, has moved into new offices at 5 Wade Hampton Boulevard, Greenville, S. C.

ATTENDS MEETING

Jack K. Fitzgerald of Charlotte recently attended a regional sales meeting in Atlanta of plumbing division representatives of Zurn Southern Services, Inc., subsidiary of J. A. Zurn Mfg. Co., Erie, Pa.

The meeting was devoted to sales planning for 1956 and introduction of new products.

HEADS NURSERYMEN

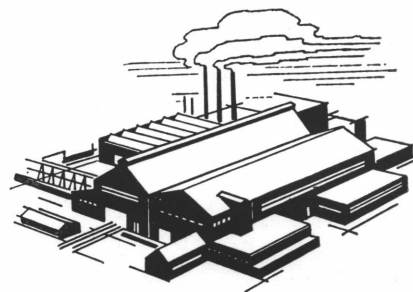
Robert M. Gibson, Jr., Asheville, landscape architect, has been elected President of the North Carolina Nurserymen's Association, succeeding R. A. Fowler of Raleigh. Other officers named included J. S. Howard of Salem, Vice-President; and Ralph Shannon of Pinehurst, Secretary-Treasurer. The election was held January 10 during the 19th annual short course and state convention at North Carolina State College.

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IN THE NEWS

NAMED MANAGER

R. Patrick Turner, well known figure in engineering and construction circles, has been named manager of the conduit division of the Stillwater Clay Products Company of Cleveland, Ohio.

A native of Charlotte, Turner was President of the Bronson Corporation of Frederick, Maryland, prior to his association with Stillwater. Previously he operated his own business, R. Patrick Turner, Inc., Salisbury, Md.; and was President of the Boswell-Turner Co., Hyattsville, Maryland. A veteran of World War II, Turner served in the U. S. Army Corps of Engineers with the rank of major.

SALES REPRESENTATIVE

Jerry D. Leggett is now associated with Hercules Steel Company of Fayetteville as sales representative. Mr. Leggett was formerly with Peden Steel Company of Raleigh.

JOINS KINSTON FIRM

Kenneth B. Jennings, AIA, who formerly practiced in Durham, has become associated with William A. Coleman, AIA, & Associates of Kinston. Offices will continue to be located at 222 Branch Bank building, Kinston.

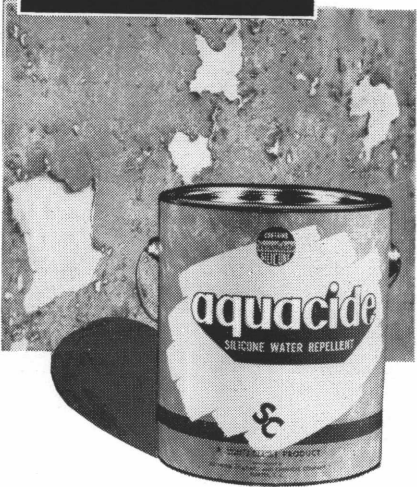
JOINS BONSAI

Fred M. Davis of Raleigh has been named sales representative for the W. R. Bonsal Company for Eastern North Carolina. Mr. Davis was formerly with the Universal Concrete Pipe Company of Tampa, Fla.

DEERING IS SPEAKER

Tom Deering, President of the Deering Air Conditioning Corporation, was the guest speaker at a conference of air conditioning dealers, contractors, and engineers at the Hotel Barringer in Charlotte January 5.

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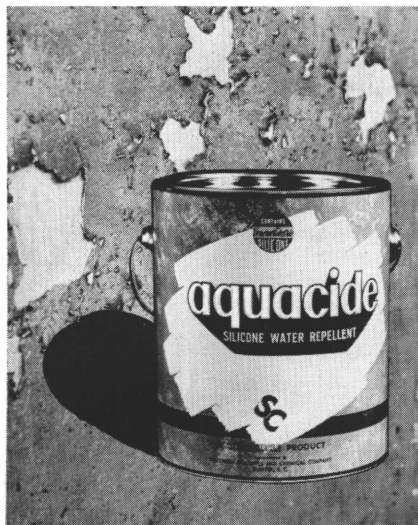
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NEW PRODUCTS



Producing water repellency in depth, the new silicone water repellent, **AQUACIDE**, prevents moisture seepage on outside walls, above-ground foundations, chimneys, walks, driveways, etc. Formulated with 5% resin solids, it holds water and moisture seepage to well under 1% in almost all cases and meets federal specification SS-W-001100. It is effective on new or old construction; on brick, mortar, concrete-, cinder-, and slag-block, concrete, stucco and porous tile. Invisible on the surface, it lines masonry pores with a water-proof coat, leaving them open to breathe out inside moisture. It seals out exterior moisture, the cause of efflorescence, spalling and cracking. **AQUACIDE** treated outside surfaces stay clean and inside paint and paper are protected from damage by seeping moisture. It may be applied by low-pressure spray or flushed on with a brush, one gallon covers 75-150 square feet. Accelerated weathering tests indicate a single coat treatment is effective at least ten years. Southern Coatings and Chemical Company, Sumter, S. C.

Examples of applications and suggested uses for Architectural Poreclain in Shopping Centers are presented in a new

folder (latest in a series) by Davidson Enamel Products, Inc. Information of interest to architects, designers, contractors and owners includes detail drawings and complete line specifications. Copies may be obtained by requesting the "Shopping Centers" folder from Davidson Enamel Products, Inc., 1116 E. Kibby Street, Lima, Ohio.

A new bulletin descriptive of its complete line of **ARISTOCRAT** metal building products is available from the H & R Manufacturing Company, Cleveland 19, Ohio.

Among items featured is a new line of two-piece window bucks. These are said to greatly speed up and reduce the labor and cost of installing basement windows in poured concrete foundations.

Other products listed include H & R steel basement windows. These are available for putty or puttyless glazing in 3 standard 2-light sizes (15" x 12"; 15" x 16"; 15" x 20").

Custom built bronze screens, concrete block lintels, window adapters, window wells, ashpit doors, flue clean-outs, package receivers, fireplace ash dumps and concrete screws are also described in detail.

For bulletin copies, write The H & R Manufacturing Company, Cleveland 19, Ohio.

Alsynite Company of America, leading maker of translucent fiberglass panels, has just announced its new and improved 1956 product line. Two new specialized translucent fiberglass panels are the new Alsynite **FIESTA** for residential use and the new **INDUSTRY** for commercial applications. A new **ECONOMY** line also has been introduced.

The **FIESTA** line, available in eight attractive decorator colors, features filtron 25, new heat-blocking formula, which reduces light and heat, and armor plate surface for lasting beauty. Both are found exclusively in Alsynite.

Industry panels also offer the new armor plate surface for longer life and wear, plus new color stability and equalized light transmission.

Lightweight and easy to handle, the fiberglass panels are shatterproof and requires a minimum of maintenance. Alsynite Company of America, 4654 De Soto Street, San Diego 9, Calif.

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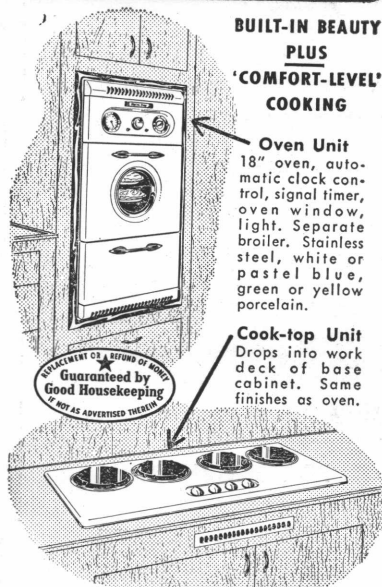
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Oven Unit
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Drops into work deck of base cabinet. Same finishes as oven.

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NEW PRODUCTS

New and notable, the **TRI-PAK** is another first-in-the-industry by Deering, pioneers in casement window air conditioning. **TRI-PAK** was introduced at the Atlantic City Air Conditioning and Refrigeration Institute in November, 1955, by Thomas Deering, President, the Deering Company, as "a single, compact unit that heats, cools and furnishes year 'round hot water—popularly priced—now ready for the consumer market."

TRI-PAK is reasonably priced, within reach of the homeowner; and uses either gas (adaptable to all types) or oil

as its heat source. It is available in 3 or 5 ton air conditioning capacity and furnishes 200 gallons hot water per hour. Savings of from 20 to 25 per cent in operation costs are claimed.

Also noteworthy to builders: Space-source provided by compact **TRI-PAK**—overall dimension 2'x3'x66": ease of installation—**TRI-PAK** comes completely wired and assembled. Deering Air Conditioning Corporation, Cincinnati, Ohio.

Clean, round holes in blue prints, photographs, magazines, corrugated board,

cardboard and office forms can now be drilled quickly and easily on a common drill press, thanks to the development of a new chuck for hollow drills.

This single chuck handles drills in 14 sizes from 1/8" to 1/2" and was designed especially for the small run jobs that heretofore required special production drilling machines and special chucks. Stacks of sheets up to 1 3/4" in thickness—too thick to punch, are handled conveniently with the hollow drill. Pioneer Toledo Corporation, 1130 Nebraska Avenue, Toledo, Ohio.

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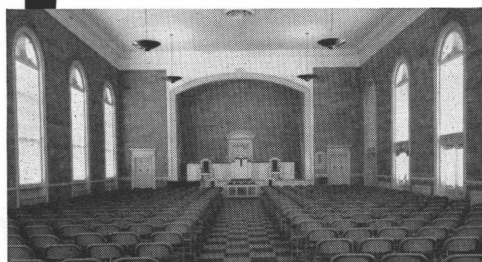
Solite units are rust and stain proof, sound absorbing and serve as natural insulators; and they are fire resistant and always uniform in color! Yes, whatever you build, you'll build it better with Solite!

REMEMBER — Architects and Engineers are professional advisors. Regardless of what type of construction you are interested in, consult them. They will be glad to help you build better.

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Fellowship Hall in Ginter Park Presbyterian Church, Richmond, Va. Architect, Baskerville & Son; Contractor, R. H. Wattinger.



William Neal Reynolds Coliseum, North Carolina State College, Raleigh, N. C. Designing Architect, Ross Shumaker; Detailing and Supervising Architect, Northrup & O'Brien; General Contractors, Coble Construction Company.



One of many modern homes in Richmond, Va. Architect, Lewis A. Dix; Contractor, Willis & Sharpe, Inc.

**1817 LIBERTY LIFE BLDG.
CHARLOTTE, N. C.
• BREMO BLUFF, VA.**

A new extra-thick cast **ACRYLIC** sheet, 5" to 10" in thickness, is now manufactured.

The new heavy sheet is perfectly clear with no flaws or bubbles. It eliminates the necessity for laminating to obtain the desired thickness for many applications.

It is available in 24" by 24" sheets and is expected to find use in optical and scale models and prototypes, observation shields, pressure vessels, insulators, decorative fixtures, three-dimensional displays, structural blocks and many other applications. Cadillac Plastic and Chemical Company, Detroit, Mich.

A new process—**POLYCOLOR**—whereby finished architectural art or transparency is reproduced in full color, has been developed by Authenticolor, Inc., 270 Park Avenue, New York, N. Y.

The **POLYCOLOR** prints are natural full-color reproductions made to any exact size. Up to size 11 x 14, the required laboratory time is 24 hours; larger sizes require 48 hours.

Originally, this process was developed to meet the low cost, quick need for full-color photographic reproductions by art directors of the major advertising agencies in New York City.

"However, the requests of the area architects for natural color prints of their art," said Michael Lavelle, technical director, "caused us to delve into the specific needs of architects and **POLYCOLOR** was the result. **POLYCOLOR** prints are now being used for display pieces and for job record purposes." Authenticolor, Inc., 270 Park Avenue, New York, N. Y.

PRECISION PERSPECTIVE, an extraordinary new system of perspective drawing, is receiving wide acceptance by customers of drafting-supply firms throughout the country. Entirely new in its approach, the system gives photographic accuracy, yet is simple and fast in the representation of a subject on a plane surface.

First announced publicly January 1st, the completely new system of perspective drawing by the use of a series of printed grids is copyrighted by T. O. McCartney. After extensive test-use by architects, engineers, manufacturing firms, contractors and artists in the West, Precision Perspective was put on the national market at the start of the new year. Perspective, Inc., Seattle, Wash.



OIL AND GAS FIRED HORIZONTAL FURNACES ... AT LOW COST

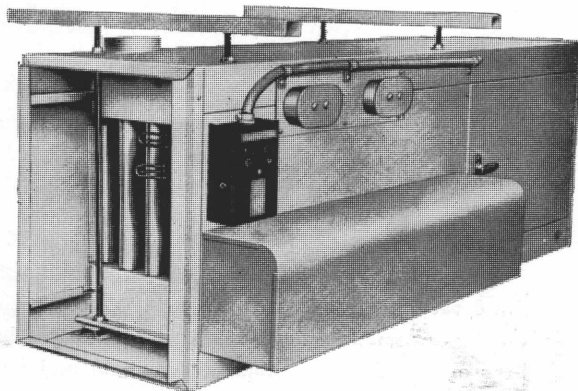
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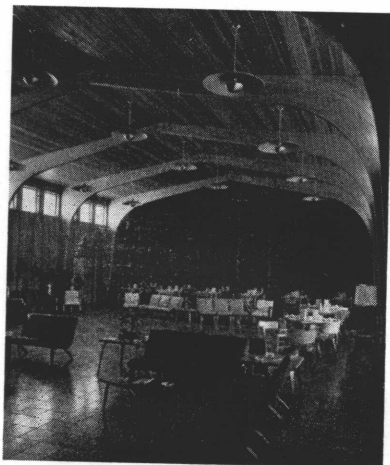
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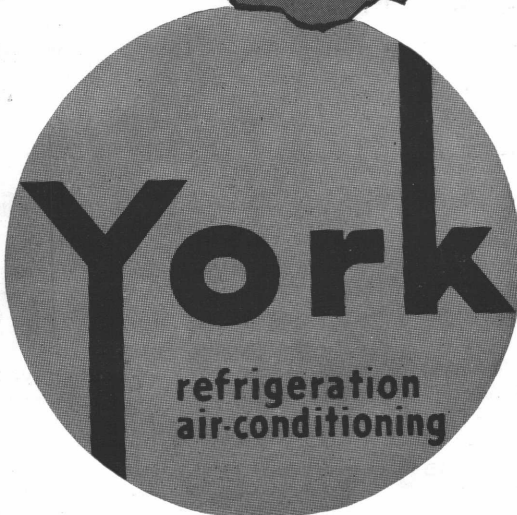
One example is the "inside job" of ADEQUATE WIRING which modern, electric living requires. The original wiring in 8 out of 10 homes today was installed to handle lighting and a few small appliances. It was never designed to handle the expanded service needs of a score of major and minor electric appliances.

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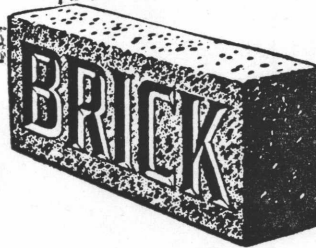
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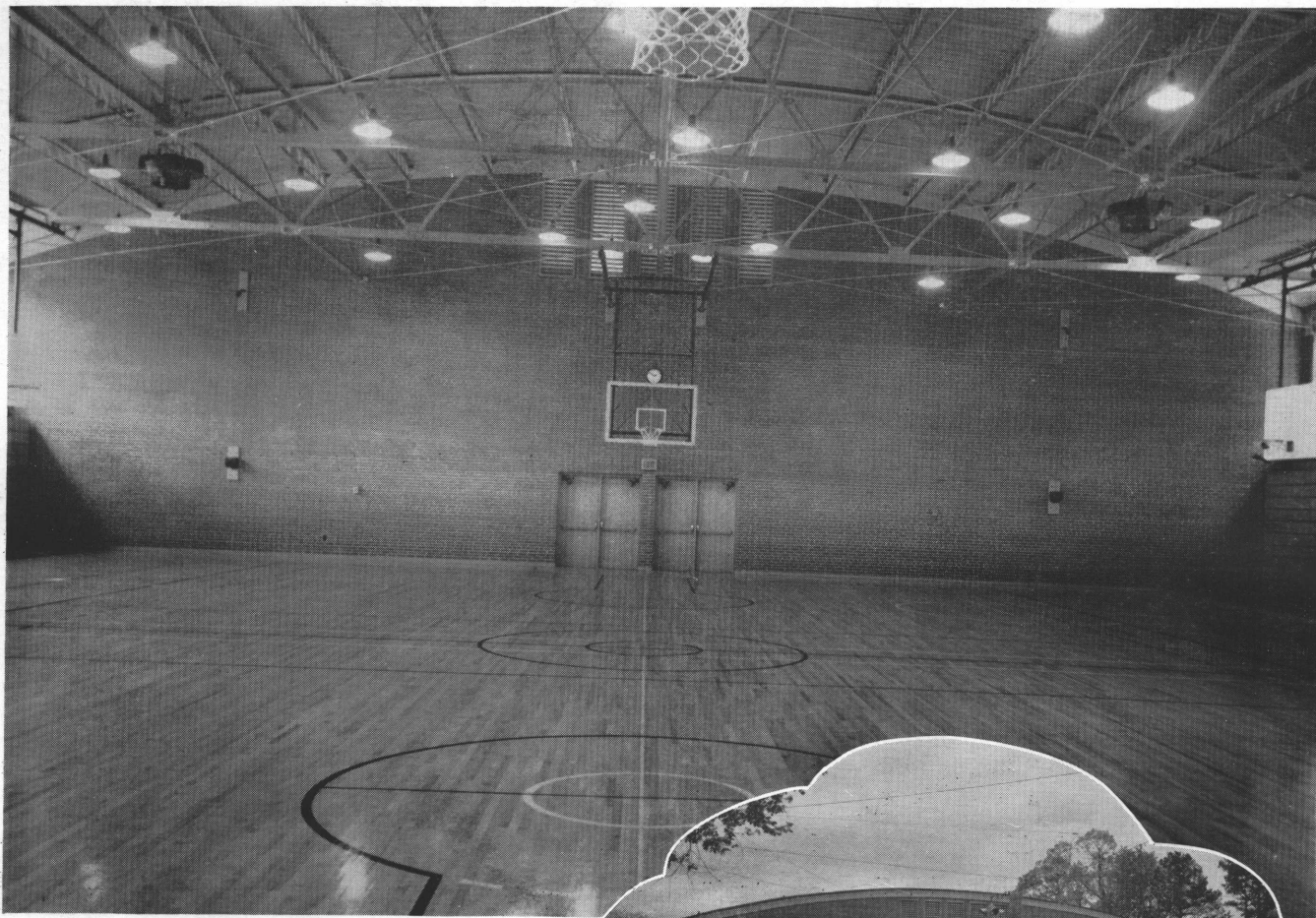
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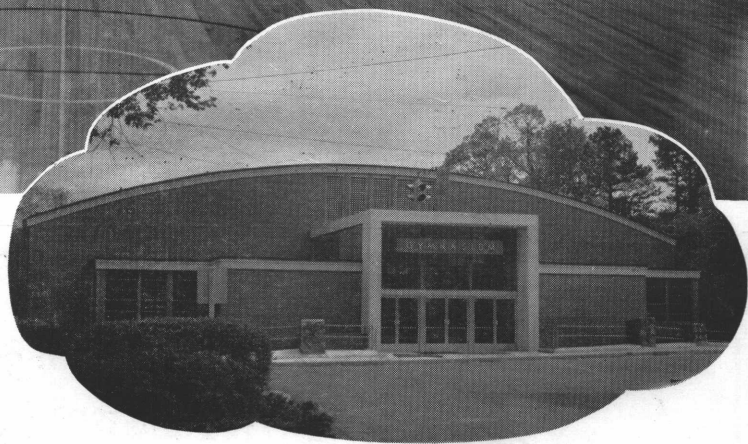
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