

JULY, 1965

NORTH CAROLINA
ARCHITECT



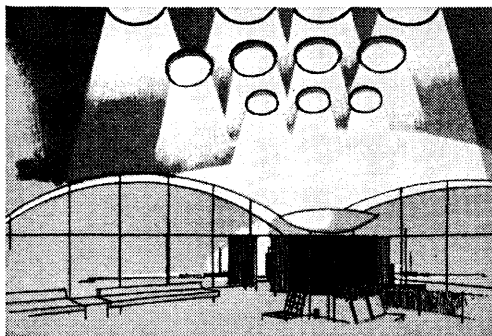
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The best ideas are more exciting
in concrete



Mount Clemens Federal Savings and Loan Assn., Mount Clemens, Mich. Architect: Meathe, Kessler and Assoc., Inc., Grosse Pointe Park, Mich. Photo: Baltazar Korab.

Soaring shell roof that lets the daylight through



Long span of concrete shell roof permits spacious, column-free interior, with ceiling 23½ feet high at the center. 21 skylights piercing the thin shell create dramatic light patterns.

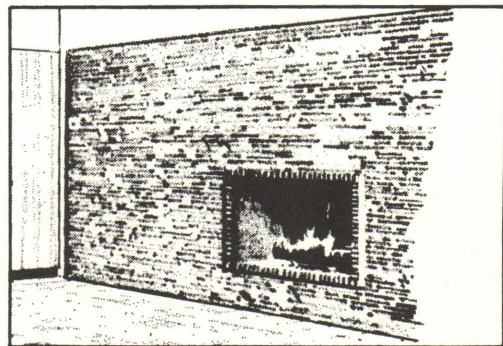
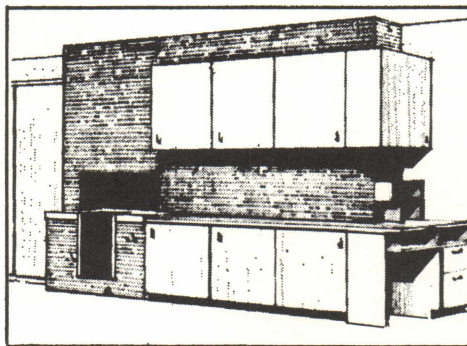
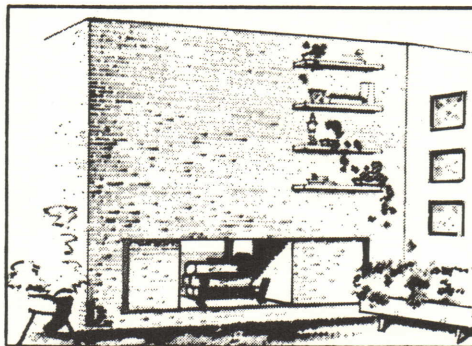
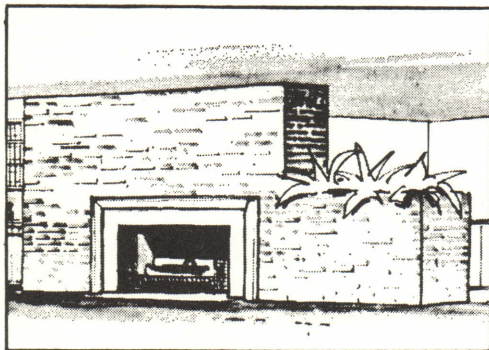
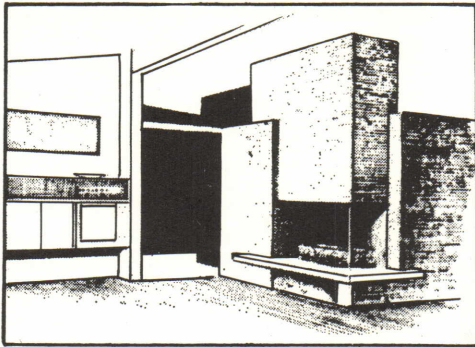
They cast it in a single day for the new Mount Clemens Federal Savings and Loan Building. 52 truckloads of ready-mixed concrete placed in one continuous operation form the 96-foot-square roof of this spectacular new building. Four corner columns, flaring out to match the curve of the roof, provide its only support. The building rests on a raised platform faced with attractive precast panels made with white cement and exposed quartz aggregate. The spacious interior is enclosed by walls of aluminum and glass. Circular skylights molded right into the concrete roof admit complete daylight over the entire business floor.

The complete freedom of form possible only with concrete inspires architects everywhere to seek imaginative new designs for buildings of all types and sizes.

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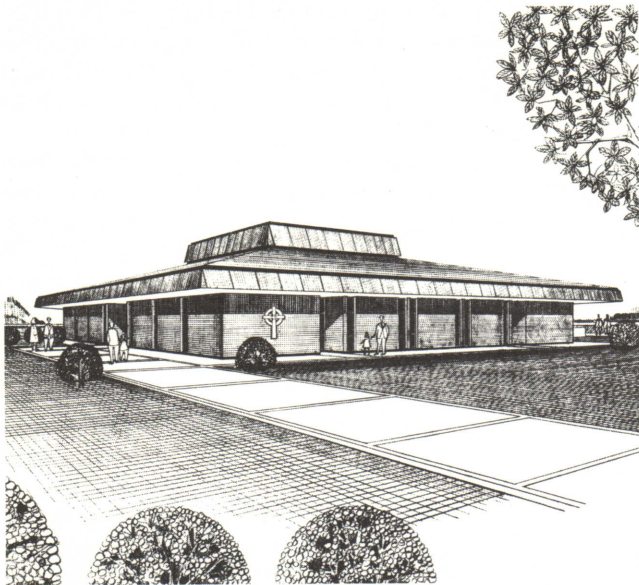


Photo by A. Haynes Dunlap

The property is eight acres of rolling treeless terrain in a rapidly growing residential community in the southeastern perimeter area of the city. It is bounded on two sides by streets which service the site. The three other sides of the property will be rear lot lines of single dwellings of a future residential development.

The program required the development of a Master Plan to accommodate an ultimate congregation of 750 communicants and the design of the First Construction Unit for immediate worship, fellowship, education and administration. The First Construction Unit is to be converted to educational facilities in the future. In three later stages, an Education Unit similar to the initial unit, a Fellowship-Administration-Education Unit and a Sanctuary-Chapel are to be constructed over a period of approximately ten years.

The congregation's desire to place equal emphasis and unity on all phases of the church's activities; worship, study, fellowship and service influenced the grouping of the units around a central landscaped court which serves as the focus and nucleus of the plan. This court is a place where the congregation can meet and mingle prior to, during and after services, plus special outdoor worship and fellowship.

While the Sanctuary and free-standing Celtic cross are located in a dominant position on the site, their forms allow each building expression within the complex. These two elements will be visible from all directions as you approach the site and will be visual symbols in the community. The chevron seating plan is used to give a feeling of unity and oneness to the congregation in worship and to focus attention on the communion table. The choir and its activities are located above the narthex and congregation and facing the communion table also but from the rear of the Sanctuary. The Sanctuary is designed for the entire congregation to worship as one body or group.

CARMEL PRESBYTERIAN CHURCH

charlotte

architect:

PAUL BRASWELL, AIA

charlotte

structural engineer:

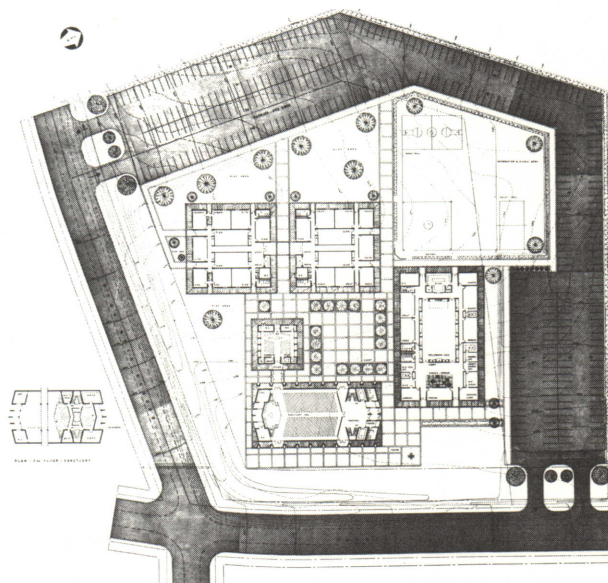
Gardner, Elsevier & Kline

mechanical engineer

Mechanical Engineers, Inc.

electrical engineer:

John Bolen



Separation of vehicular and pedestrian traffic was accomplished by perimeter parking. Wide walks can accommodate occasional emergency, special and service vehicles. Generous lawns and play areas separate the parking and buildings and give a landscaped transition from car to buildings. Provisions for outdoor recreation and play areas for children and adults were made within the site available for such activities. An active scout program is planned in addition to a weekday kindergarten school for the children of the church and community.

First Construction Unit: The square building plan was developed with worship and fellowship area in the center, ringed by education, administration and service facilities. This plan provides a compact grouping of functions with a minimum of perimeter walls. The central area will be converted into two large interior classrooms in the future, and most of the other classrooms will also be rearranged and circulation rerouted with the use of movable partitions that are to be used in this unit and the future education building. All

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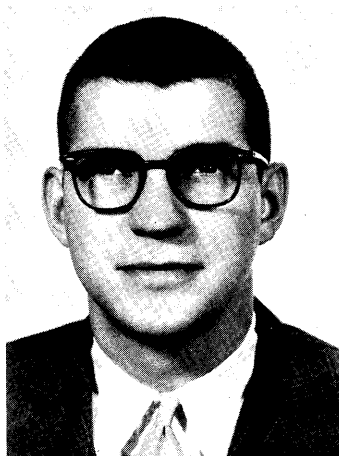
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Charles M. Sappenfield, AIA

SAPPENFIELD NAMED DEAN

Charles M. Sappenfield, AIA, of Asheville was named recently as Dean of the College of Architecture and Planning at Ball State University, Muncie, Indiana.

Sappenfield will assume the post next year and will accept the first students for the new college in the fall of 1966. The college will begin with an architecture curriculum and will add departments of planning and landscape architecture.

Sappenfield has worked for architectural firms in Charlotte, Chicago, and Asheville and opened his own firm in 1961. He will maintain an architectural office and associates in Asheville.

As designer or architect for Asheville projects, Sappenfield has won a total of 10 state, regional, and national awards for design excellence. His work has been featured in several national magazines and will appear in "House and Garden" in September.

Sappenfield graduated from North Carolina State College and was a Fulbright scholar in Denmark. He taught architecture for three years at North Carolina State and two years at Clemson University.

Sappenfield is president of the Asheville Art Museum and serves on the board of Memorial Mission Hospital. He is Urban Design Committee Chairman and a member of the Board of Directors of the North Carolina Chapter of The American Institute of Architects. He is a member of the Association of Collegiate Schools of Architecture and the National Association of Housing and Redevelopment Officials. During 1964 and 1965 he conducted a series of Ford Foundation seminars on public housing design for the AIA, PHA, and NAHRO.

Sappenfield is married to the former Mary Frances McGowan of Asheville. They will move to Indiana next Spring.

CERTIFICATES PRESENTED AT EASTERN COUNCIL MEETING



Boney, Oxenfeld, Newkirk; Mrs. Welker, Mr. Welker, owners; Mr. Fonvielle, contractor.



Boney, Hayes; Harry McGee, President of East Carolina Council; John Peterson, host architect.

Certificates of Awards of Merit were presented to two architectural firms at the meeting of the Eastern Carolina Council of Architects held in New Bern on June 11. Leslie N. Boney, Jr., AIA, President of the North Carolina Chapter AIA, made the presentations to Hayes-Howell & Associates of Southern Pines for their design of the Whispering Pines Motel in Southern Pines. Mr. Hayes was present to receive the certificate.

The other award was made to Oxenfeld & Newkirk, architects of Wilmington, for their design of the Welker Beach Cottage at Wrightsville Beach. Also receiving certificates at this time were Mr. and Mrs. Welker, owners of the prize winning entry, and the contractor, Alex Fonvielle of Wilmington.

The awards were made in the NCAIA's 1965 Honor Awards Program. John N. Peterson AIA, Robert H. Stephens AIA, Aldo B. Cardelli AIA, and Raymond Fuson AIA, New Bern Architects, hosted the dinner meeting. Approximately twenty architects from eastern North Carolina attended along with special guests Mr. and Mrs. Welker, Mr. Fonvielle, Mr. Leslie Boney and Mrs. Betty Silver, Executive Secretary of the N. C. Chapter AIA.

Delph

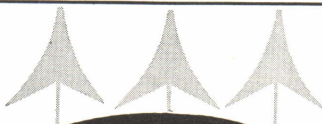
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The collection at the school is available for use by architects throughout the State when they wish them for lectures.

Chapter members are invited to use your AIA office in Raleigh. A conference room is available, a telephone and a drafting table. Your executive secretary will be glad to assist you in any way possible. The space is here. We hope you will take advantage of it.

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Excellence of Hospital Cited

The 542-bed Forsyth Memorial Hospital in Winston-Salem has been awarded a certificate recognizing it as the "Modern Hospital of the Month" for June.

The selection was made by the award committee of "The Modern Hospital," a trade magazine circulated all over the United States.

A panel of consultants visited the hospital, toured its facilities, examined the plant and made photographs for the June publication.

Factors

Such awards are made, in the words of R. M. Cunningham, Jr., publisher and editor of "The Modern Hospital," on the basis of excellence of:

—Architectural design, functional planning, economy of construction and operation, and proper provision for hospital needs of the community.

The hospital has received an award certificate commemorating selection of Forsyth Memorial Hospital for this public recognition.

Similar certificates have been sent to firms that participated in the planning:

—Lashmit, Brown and Pollock of Winston-Salem, the architects.

—Dr. Herman Smith of Chicago, Ill., the consultant on the hospital.

—Milton Glaser Associates of Richmond, Va., the interior decorator.

—The North Carolina Medical Care Commission, which advised on planning and contributed about \$5.5 million in federal funds.

Harris Named in Who's Who

Harwell Hamilton Harris, recently elevated to Fellowship in The American Institute of Architects, has been selected by the editors of WHO'S WHO IN THE SOUTH AND SOUTHWEST to receive one of their second Biennial Citations because of his distinguished contribution to the field of architecture. The citation reads as follows: "Imparting his own freshness of spirit to the influence wrought by Frank Lloyd Wright and Richard J. Neutra, Harwell Hamilton Harris has made notable architectural contributions, most conspicuously in the residential field. He has adroitly adapted design to environment, made dramatic use of wood, glass and other materials, emphasized living patterns. Professor Harris is helping American civilization prove itself on a salient testing ground—architectural high-mindedness and imagination."

Mr. Harris is currently a professor at the School of Design, N. C. State University. He will address the annual conference of the Northwest Region of A.I.A. at Glacier Park in August.



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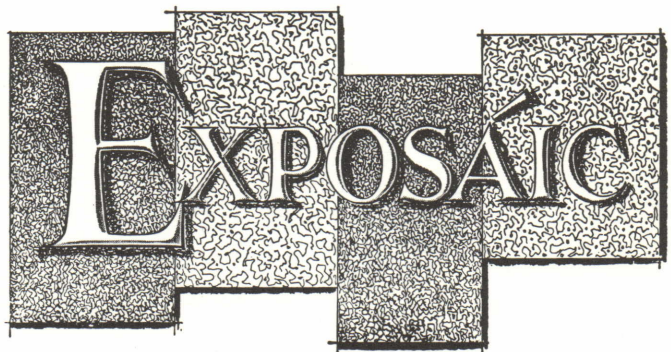
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Architecture Featured On Radio Program

"Time For Margaret," a popular interview program featured on radio station WPTF, Raleigh, each morning at 9:35, will highlight architecture each Friday in a series continuing for six weeks.

The series began on July 9, with an interview with Betty Silver, Executive Secretary of the North Carolina Chapter AIA. Mrs. Silver discussed the goals of the AIA as carried out on the State level and gave background information about architectural registration, and a brief history of the AIA Chapter in North Carolina.

On July 16, Cora Rice, wife of practicing architect Richard L. Rice, AIA, and president of the Architects' Auxiliary in Raleigh, discussed architecture from the viewpoint of the architect's wife. She also told of the work of the Auxiliary in Raleigh.

Architecture in general will be discussed on succeeding Fridays by William C. McGee, AIA, practicing architect and principal in the firm of McGee and Scovil, Raleigh; Ralph B. Reeves, Jr., AIA, of the firm of Holmway-Reeves, and President of the Raleigh Council of Architects; James W. Fitzgibbon, AIA, head of the firm, Synergetics, Inc., Raleigh; and Harwell H. Harris, FAIA, professor of architecture at the School of Design, N. C. State University.

General theme for the series will be the architect's role in a "War on Community Ugliness."

Awards Presented at the School of Design

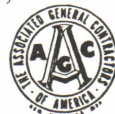
Three second year students at the School of Design, N. C. State University, were recipients of awards presented by the Brick & Tile Service, Inc., this year. The students were given a design problem, and the following were honored for their solutions: Charles

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D. Harris, \$200; Richard John Green, \$75; and Donald Collins, \$75.

Wesley Milton Coble of Smithfield was awarded the Book Award given by the North Carolina Chapter of AIA for "outstanding achievement in design." Leslie N. Boney, Jr., AIA, President of the N. C. Chapter AIA presented the award at ceremonies during the graduating exercises at the School. Coble will be working with the Campus Planning Department, NCSU, until January when he will enter the army.

Church Building and Architecture Conference Planned

When does a church building look like a church? What does a church look like? Architects and church leaders will ask these questions and seek to find the answers.

Who should decide the type, style, and design of the building a church will erect? Is this the responsibility of the architect? Does the average church committee have the experience and background to make this decision? Can the congregation in business session have the information and patience to make the decision?

When does a church building contribute to the program and spirit of developing a more effective church—for worshipping, teaching, training, and witnessing?

All of these and other questions will be discussed and answered during the Church Building and Architecture Conference at Ridgecrest during the week of August 26-September 1, 1965.

For information and reservations write Willard K. Weeks, Manager, Ridgecrest Baptist Assembly, Ridgecrest, North Carolina.

Architect Given Distinguished Alumni Award

Hickory Architect Robert L. Clemmer, FAIA, was awarded the 1965 Distinguished Alumni Award by Lenoir Rhyne College Alumni Association during its annual banquet held at the college. A graduate of Lenoir Rhyne, Mr. Clemmer was picked for the honor in recognition of his achievement in the field of architecture.

In the award presentation, Clemer was cited for his leadership as president, secretary and director of the North Carolina Chapter of The American Institute of Architects, the awards his firm (Clemmer & Horton Associates) has won from regional professional associations and his distinction as a Fellow of the AIA.

Of the seventeen major buildings on the campus of Lenoir Rhyne College, he served as architect for twelve.

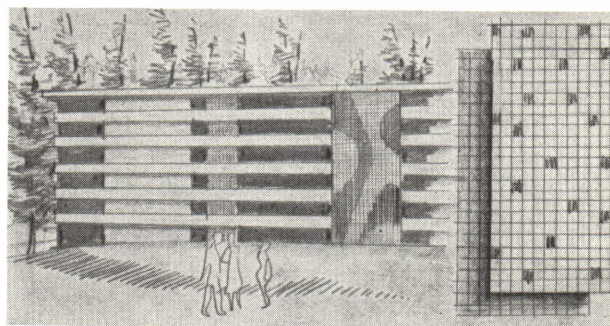
Mr. Clemmer is the sixth Lenoir Rhyne alumnus to receive the Distinguished Alumni Award.

Huling Takes New Position

Robert C. Huling, AIA, has resigned his position as Associate, Architect and Vice President of John Erwin Ramsay, FAIA and Associates, Incorporated, of Salisbury to accept the newly created executive position of Architect of the Advance Planning Group of Alderman Studios, Incorporated, of High Point. He assumes his duties with the A. P. G. the last week in July.

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Calendar of Events

- August 4: Charlotte Section, N. C. Chapter AIA, Stork Restaurant, Independence Blvd., 12:30 P.M., John C. Higgins, Jr., AIA, President
- August 4: Durham Council of Architects, Jack Tar Hotel, James A. Ward, AIA, President
- August 5: Raleigh Council of Architects, YMCA, 12:15-1:30 P.M., Ralph B. Reeves, Jr., AIA, President
- August 10: Greensboro Registered Architects, Ivanhoe's Restaurant, Walter E. Blue, Jr., AIA, President

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Modulus of elasticity $\frac{(E)}{10}$	28	10
Thermal conductivity (Btu/sf/hr/°F/in)	113	1,393
Thermal expansion (°F x 10 ⁻⁶)	9.4	12.1

We rest our case.

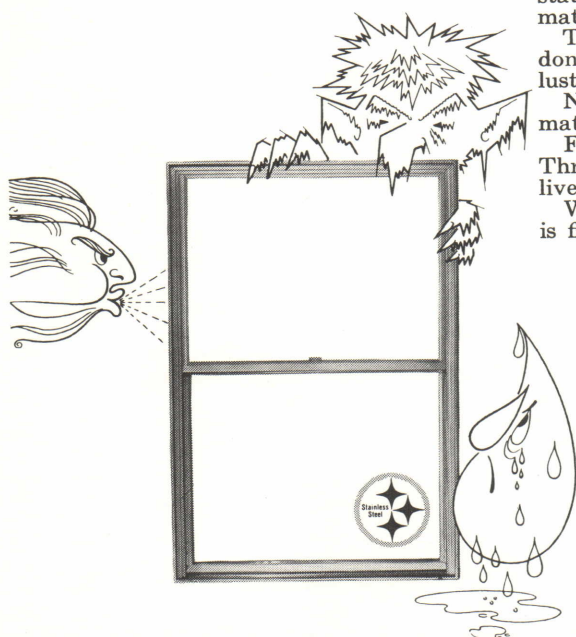


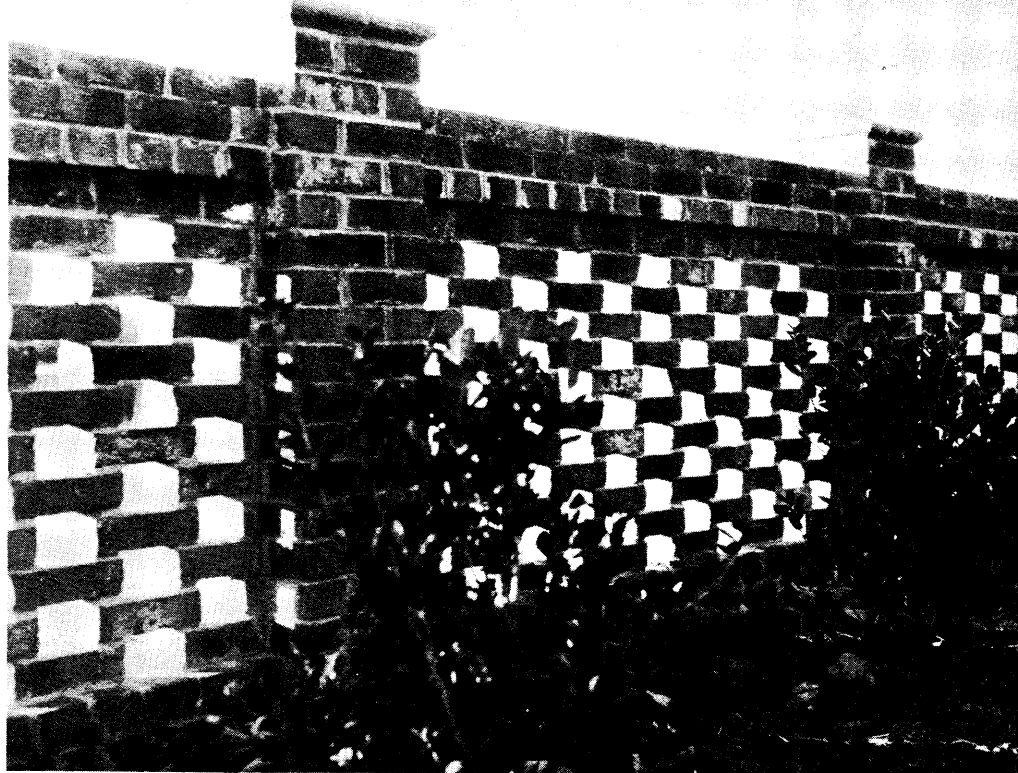
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