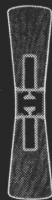


SOUTHERN ARCHITECT



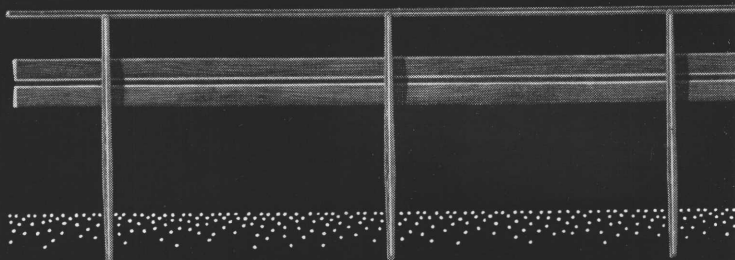
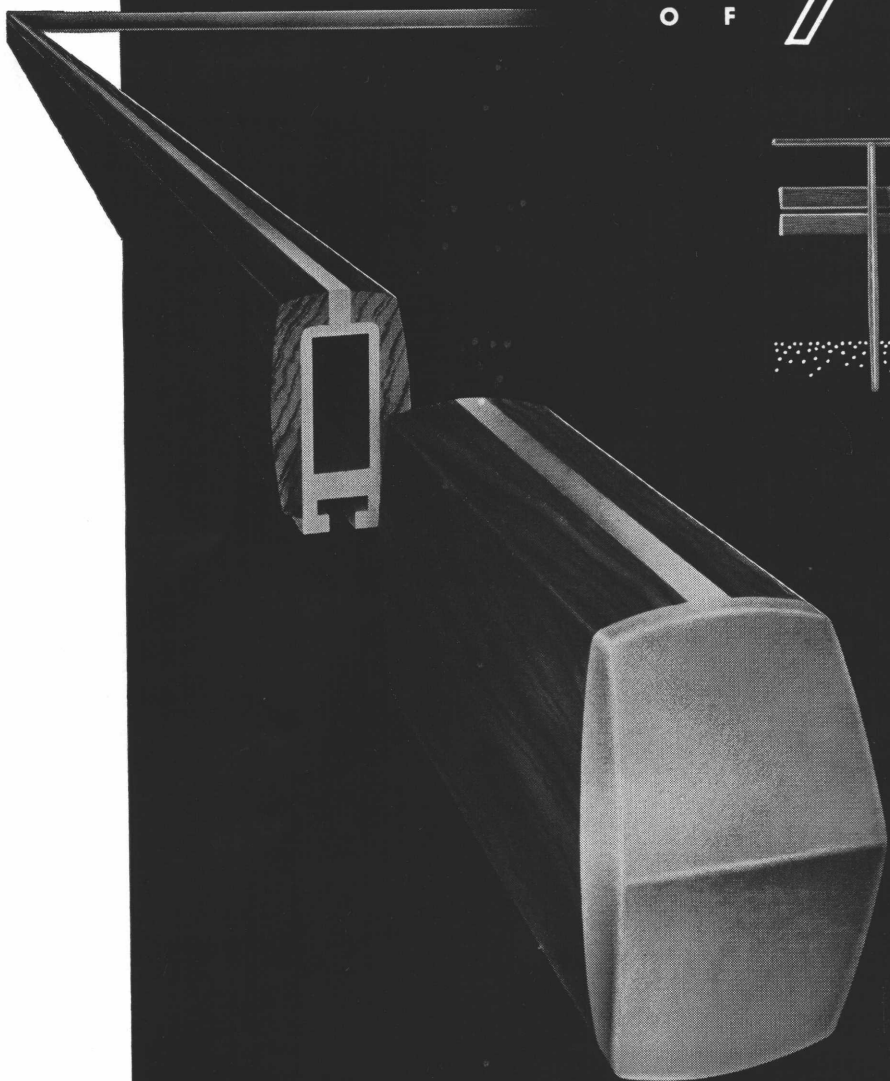
THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS

MAY 1964



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O F P I T T S B U R G H



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MAY 1964
VOLUME 11
NUMBER 5

SOUTHERN ARCHITECT



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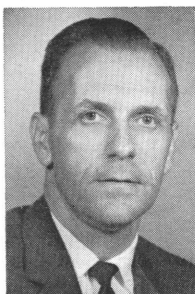
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The best known definition of the word Architect is "Master Builder". This description well fitted the medieval architect of Europe who was both designer and builder of his creations. As civilization progressed, the architect's role became one of designing the building and of acting as agent for the owner to see that the building was built according to his plans and specifications. This was relatively simple as the total project consisted of architectural and structural detailing without concern for mechanical services.

The advent of plumbing, electrical wiring, and central heating added to the work of the architect but these services remained relatively simple until World War II. Since World War II, the addition of air conditioning, intercommunication systems, television, and all types of electrical appliances and equipment along with added knowledge in the field of acoustics have complicated the architect's job to a point that would frighten his forefathers. The successful architect of today can spend only a small portion of his time in sketching and drawing. He has become the captain of a team of specialists which includes designers, detailers, mechanical engineers, electrical

engineers and structural engineers, and in some cases interior designers, acoustical engineers, and landscape architects.

The period of population explosion which we are now entering is leading to rapid growth of our urban areas and another role faces the architect. Communities must be planned to have the proper proportion of shopping facilities, schools, churches, and other community facilities. Urban redevelopment is presenting many problems to the architect which must be solved by thinking in terms of a group of buildings rather than one building. These developments are creating a new breed of specialists, the planners.

To maintain the proper aesthetic and functional relationships in our cities of tomorrow, the architect must continue to serve as "captain of the team". Through continued education, study and research, he must keep abreast of our changing times in order that he has the knowledge to coordinate all phases of construction planning. The responsibility for seeing that there is beauty and order rather than ugliness and chaos in our rapidly developing urban complexes lies upon his shoulders.

L. Scott Tucker



PORT OF NEW YORK AUTHORITY HELIPORT, WORLD'S FAIR, QUEENS, N.Y.C.
 THE PORT OF NEW YORK AUTHORITY, New York, N.Y., Architects
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TWO NCAIA MEMBERS ELEVATED TO FELLOWSHIP



CLEMMER

ROBERT LEE CLEMMER, FAIA

The American Institute of Architects has announced the election of Robert Lee Clemmer to the College of Fellows for his notable contribution in Service to the Profession. Mr. Clemmer, a practicing architect in Hickory, North Carolina, is a principal in the firm of Clemmer and Horton Associates. At a special ceremony to be held at the Annual Institute Dinner on Thursday evening, June 18, at the Chase-Park Plaza Hotel, St. Louis, those who have been elevated to Fellowship will receive their certificates and medals in an appropriate ceremony.

Robert Lee Clemmer was born in Stanley, N. C., attended Stanley High School and is a graduate of Lenoir Rhyne College, Hickory. He is a past director of the N. C. Design Foundation, and is presently Vice President of the North Carolina Architectural Foundation; a past Director of the Hickory Arts Council; member of Western N. C. Council of Architects; a past President of the Hickory Kiwanis Club; member of the Hickory Chamber of Commerce; member of Holy Trinity Lutheran Church where he served on the Church Council for 32 years and as Sunday School Superintendent for 10 years; a Director and President from 1954-57 of the Piedmont Educational Foundation.

As a leading architect in the state, Clemmer has exerted much influence during the past two decades in upgrading the public image of the architectural profession. Under his leadership, local architects banded together to offer their services to the city of Hickory in the area of city planning. The offer met with overwhelming favor, and by 1962 the group had drawn up a tentative plan for downtown redevelopment. Currently this project is approaching full fruition. Mr. Clemmer is a member of the city's Investigating Committee to study and report on the city's needs for an urban redevelopment program.

Clemmer has held the following offices in the North Carolina Chapter, AIA: Treasurer, 1952; Membership Chairman, 1953 through 1956; Director, 1955-56; Vice President, 1957-58; President 1959-60; Director 1961-63. He is presently serving as an elected member of the Regional Judiciary Committee for the South Atlantic Region AIA. He has attended every Chapter meeting since 1951. Clemmer was active in the organization of the Western North Carolina Council of Architects in 1954 and has been a contributing member of this organization since its inception. Four Clemmer designed buildings have received Awards during the ten years of the Chapter's Honor Awards Program. Only two other offices in the state have won a greater number and both of these are in metropolitan areas.

The North Carolina Chapter is extremely proud that its outstanding member, Robert Lee Clemmer, has gained the national recognition which he so justly deserves.

JOHN ERWIN RAMSAY, FAIA

John Erwin Ramsay, practicing architect of Salisbury and member of the North Carolina Chapter AIA, has been elected to membership in the College of Fellows of The American Institute of Architects, for his notable contribution in Service to the Profession. The award will be presented in a special ceremony at the Chase-Park Plaza Hotel, St. Louis, on Thursday evening, June 18, 1964.

John Ramsay has been a member of the American Institute of Architects assigned to the North Carolina Chapter since 1947. After serving on many committees he was elected President of the Chapter in 1951 and served as a Director 1952-54. As President, he launched the first Chapter agreement on Standards of Service and Fees and published a brochure for use and distribution by architects. Subsequently, he initiated an agreement with North Carolina State officials for use of a sliding scale of fees for State Contracts.

John Ramsay has served on the North Carolina Board of Architecture since 1953, retiring from the Board and a five year term as President in the spring of 1964. He initiated the effort to interpret North Carolina State laws relating to architecture and published "Rules, Regulations and Laws of North Carolina" under one binder for the first time. He framed the definitions of "Architect" and "Architecture" which were adopted by a joint AIA and NCARB Committee.

Currently serving as Treasurer for the National Council of Architectural Registration Boards, Ramsay has also served on the following NCARB committees: Committee on Examinations, Committee on Foreign Education, Committee on Collaboration of Design Professions, Committee on Finance and Legal Committee. He was instrumental in having the NCARB office moved to Washington, D. C. and has served as a Director of the organization since 1961.

Mr. Ramsay is a charter member of the Salisbury City Planning Commission. In addition, he is a past President of the Rotary Club; a Ruling Elder of the First Presbyterian Church and past Chairman of the Board of Deacons; Past Director of the N. C. Symphony Society; past President of the Salisbury Chapter of the N. C. Symphony; past President of the Rowan Civic Music; and has been active in Boy Scout work for many years.

A number of buildings designed by the Ramsay firm have been published in *Southern Architect*, as well as some informative articles relative to the practice of architecture. Three awards have been presented to Mr. Ramsay in the Chapter's Honor Awards program and he has received an award for one of three best rural churches in North Carolina from the Bishop's Committee of the Methodist Church. Articles by Ramsay have been published in *Architectural Record*, *Good Housekeeping*, *House and Home* and *Interiors*.

Mr. Ramsay's well-deserved advancement to Fellowship makes a total of eight Fellows who are now members of the North Carolina Chapter. John Erwin Ramsay, the Chapter salutes you!



RAMSAY



MUTUAL SAVINGS AND LOAN BLDG.

charlotte

architects:

MARSH AND HAWKINS

charlotte

owner:

Mutual Savings and Loan Association

general contractors:

Myers and Chapman, Inc.

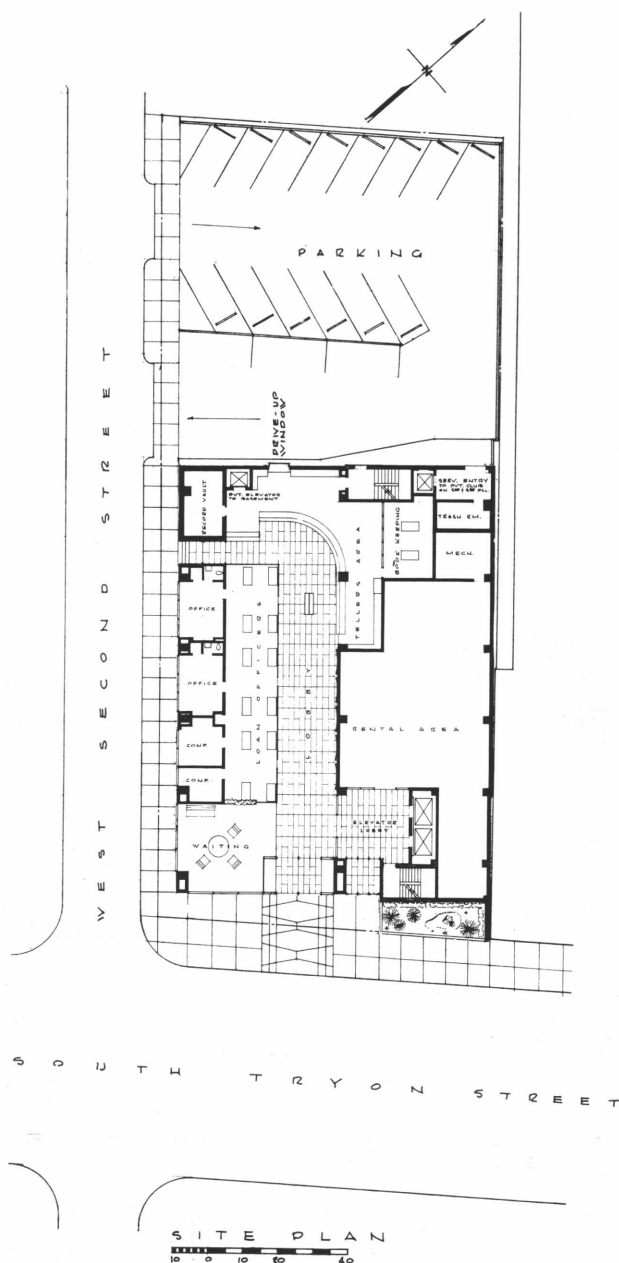
charlotte

This commercial building, located on a busy corner of downtown Charlotte, cannot be considered as a typical downtown office building. It is rather, a special-purpose building designed primarily for use by a savings and loan association, a private club and two floors of rented office space. The savings and loan association occupies the major portion of the first floor and about twenty-five percent of the basement with a directors' room, employees lounge, storage and offices. The private club occupies the entire second and third floors and a small portion of the basement for employees' toilets, showers and storage. A small portion of the first floor adjacent to the elevator lobby, and the entire fourth and fifth floors are devoted to rental office space.

The building was originally intended as a typical office building above first floor level, but with the early acquisition of the private club as a tenant, a major revision in the design of the building was indicated. The building, as executed, contains two large kitchens on the second and third floors, respectively, for the private club, with separate service entrance and service elevator for this tenant.

On the exterior of the building, the service tower is clad in a dark aqua-blue porcelain enamel. These panels average about one foot in width and four feet in height. This same finish is carried around the street level of the exterior, with the exception of the large areas of gray tinted, polished plate glass.

The spandrel area below the second floor provides a balcony for the private club on the front elevation and is faced with Alabama White marble. The second floor walls are set in from the building line and consist mainly of continuous aluminum windows and fixed glass around the major portion of three sides of the building. Starting from the second floor ceiling level, the wall treatment consists of vertical panels of glazed white face brick, separated by vertical panels of graphite colored ceramic enameled glass and vertically pivoted aluminum windows glazed with gray tinted glass. The building is framed with a reinforced concrete pan joist structural system.





BEFORE

MEMORIAL AUDITORIUM RENOVATION

raleigh

architects:

HASKINS AND RICE

raleigh

structural engineers:

Ezra Meir and Associates

raleigh

mechanical engineers:

Amin and Owen

raleigh

acoustical consultants:

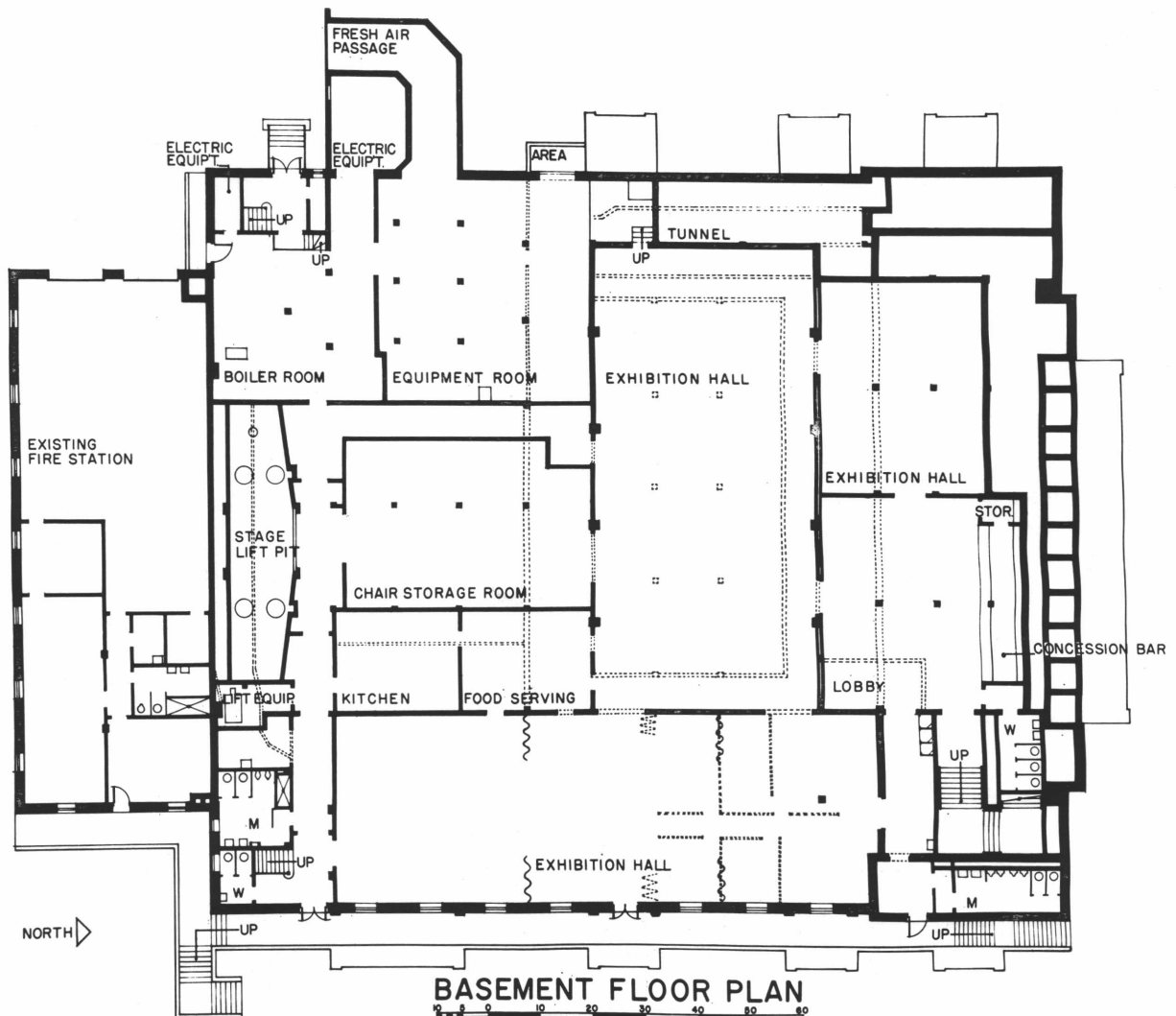
Bolt, Beranek and Newman
cambridge, massachusetts

owner:

City of Raleigh

general contractor:

T. A. Loving and Co.
goldsboro



Raleigh's outmoded municipal auditorium was built in 1932 with no other facilities except an ample stage and a 3700 seat capacity concert hall. A good building built at a cost of \$359,000, it was, however, in a state of poor repair but with a present value too great to destroy, and a present day value, replaced, of approximately \$1,600,000.

The requirements were to give the building "a face lifting and internal renovation" to make it more attractive for diversified events — a meeting place — not only for the municipality — but for all of that section of North Carolina. "To make this building, within a limited budget, into a serviceable, efficient and comfortable civic center" capable of attracting Broadway plays, concert artists of repute, conventions, exhibitions, banquets and varied entertainments; capable of being partially self liquidating but a distinctive asset to the affairs of the city, and an attraction to the community.

Due to construction time factor, all possibilities of improvement had to be considered in the light of time and sequence. Since additional halls and auxilliary spaces were required, and only half a basement existed it was decided to underpin and excavate the entire building providing five separate or combined exhibition halls with caterer's kitchen of such size to seat and serve over 1000 persons.

The existing arena floor of the concert hall was sloping, making it undesirable for dancing or exhibitions and with insufficient elevation for proper sight lines. The floor was removed and leveled, and a portable chair riser platform designed of improved sight conditions for concerts and plays. Spacing of seat rows in mezzanine balcony was not ample so that mezzanine seating was reduced in number of rows and sight lines changed.

Fixed upholstered theater type seats replaced wooden folding seats in mezzanine to increase revenue possibilities and improved acoustical control. Likewise folding arena seats were upholstered but removable for varied conditions. Removable seats were designed for storing and for handling by pallets and fork lift truck.

A full width stage lift was designed to act both as stage lift and elevator for transporting chair riser

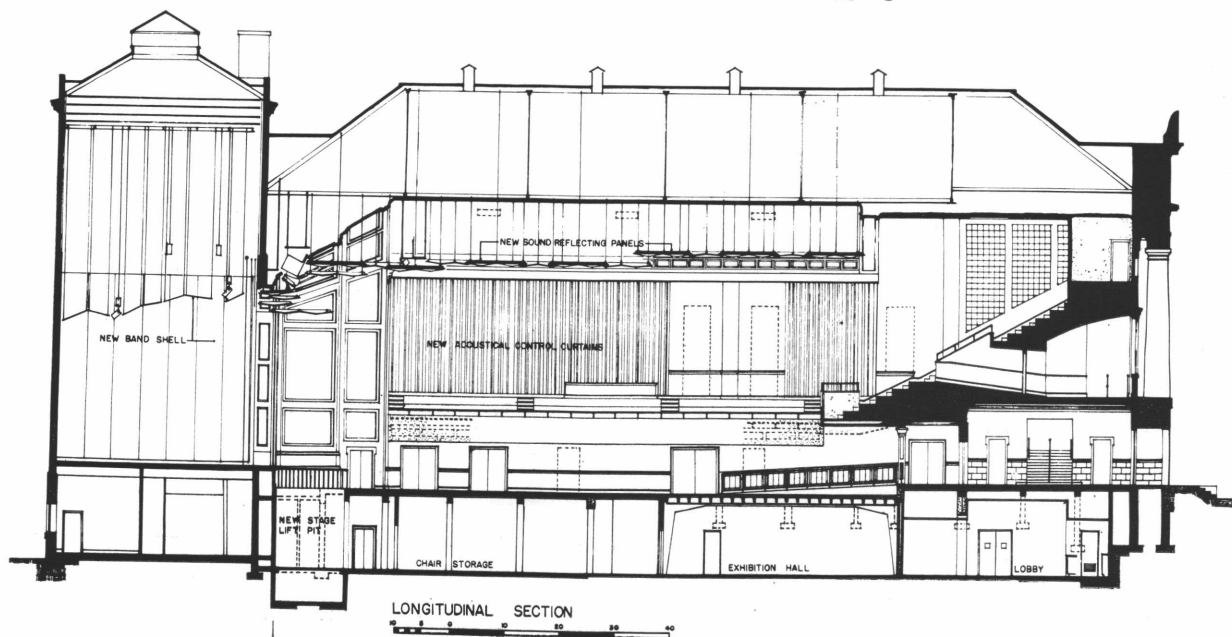


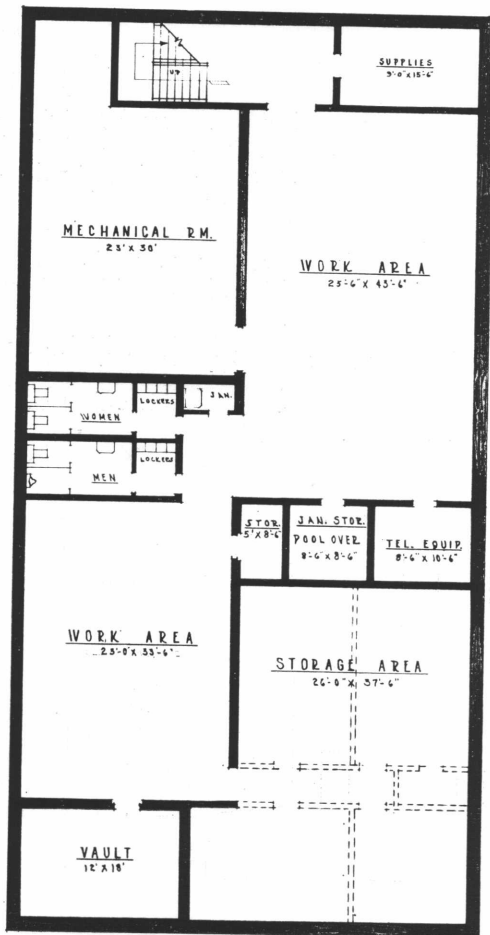
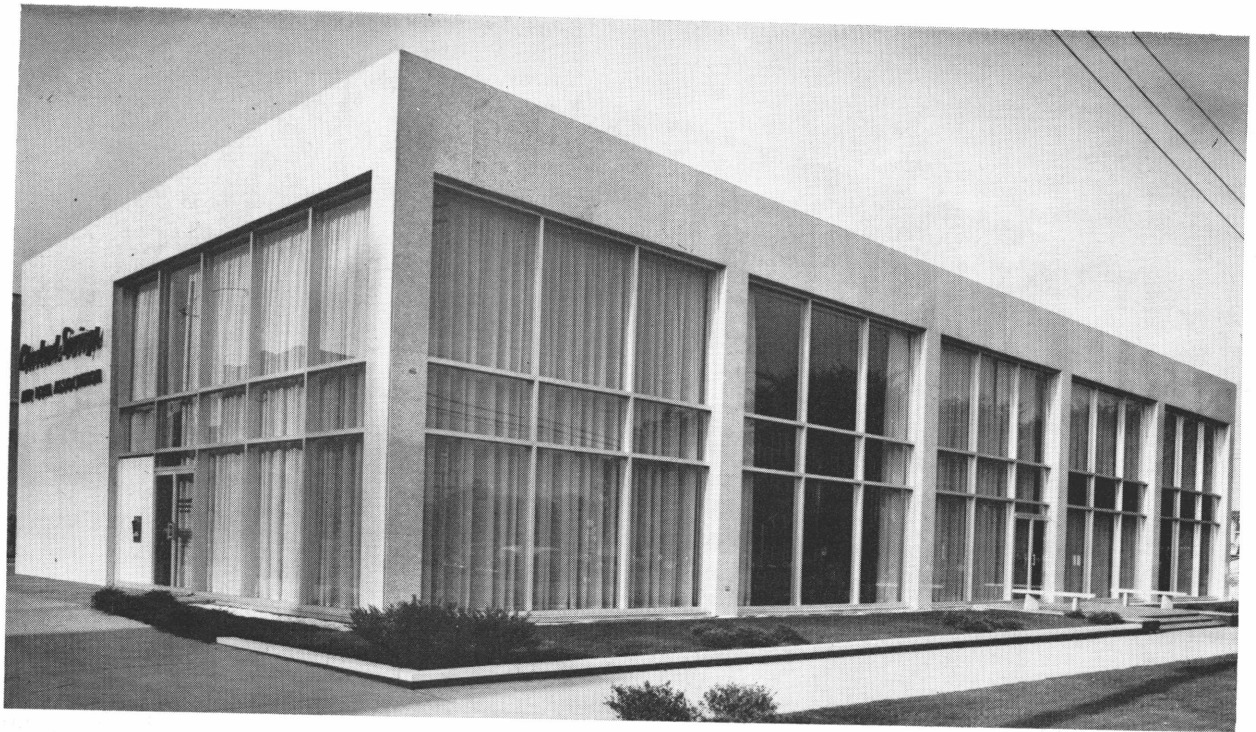
platform sections and chairs from arena to basement storage, and also to increase stage dimensions for choral presentation.

Acoustical design was accomplished by removal of existing sound absorbing material on required hard surfaces, installation of retractable wall drapey for increasing or decreasing sound definition and acoustical intimacy and through isolation and insulation of interfering mechanical and public noises. Sound travel distance was decreased, dynamic range increased and the effect of the barrel vault counteracted through the design of suspended, hard prismatic surface baffles. Sound amplification for various circumstances was accomplished by high-fidelity directional central speakers in the concert hall and low level multiple speakers in exhibition halls.

For stage sound reinforcing of various sizes a movable, flexible-shaped bandshell with flying baffle ceiling was designed.

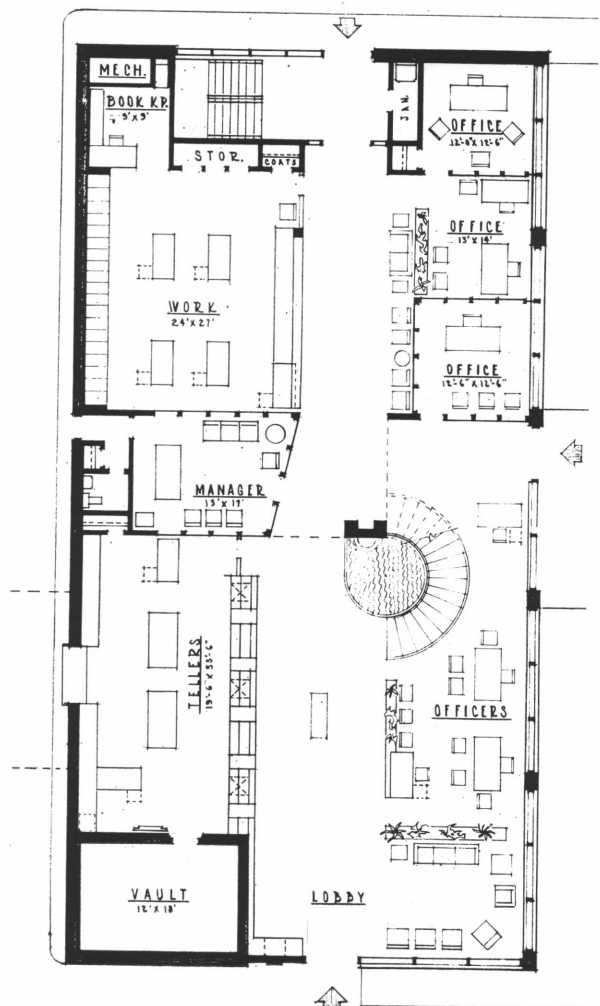
Make up electrical stage panels of high capacity and multiple scenic drop caused special design in electrical system and extreme reinforcing of stage gridiron for rigging.





BASEMENT PLAN

0 2 4 6 8 10 12 14
SCALE



FIRST FLOOR PLAN

CLEVELAND SAVINGS AND LOAN ASSOCIATION

shelby

architects:

HOLLAND AND RIVIERE, INC.

shelby

mechanical engineer:

J. C. Harrison

spartanburg, south carolina

electrical engineer:

J. S. Holladay

augusta, georgia

owner:

J. L. Suttle, Jr., President

shelby

general contractor:

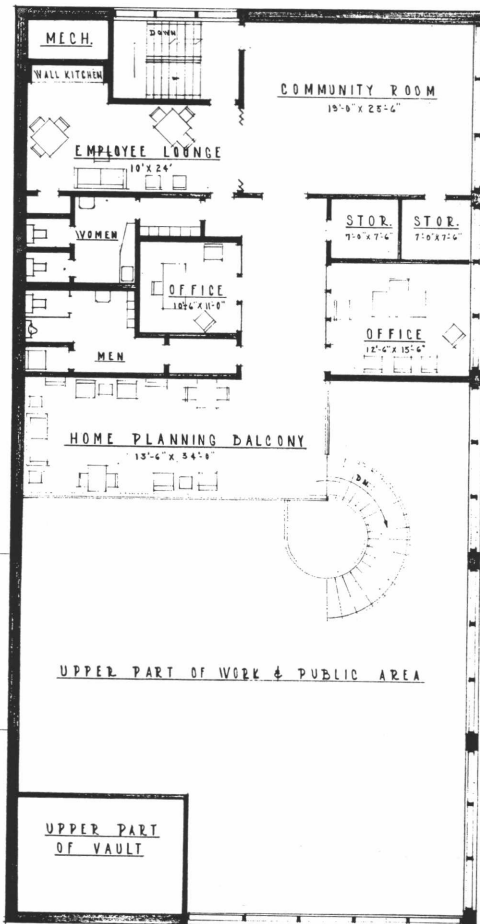
Barger Construction Company

mooreville

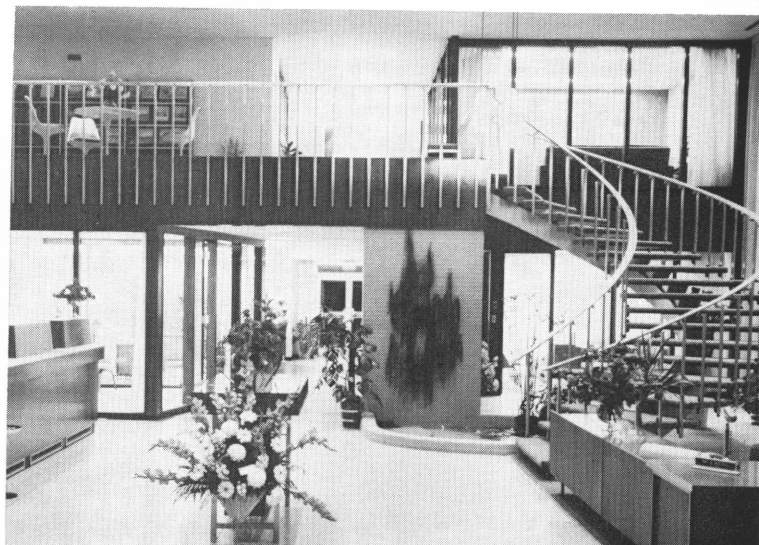
In this building the Owners had a very special problem, in that they wished to house the Savings and Loan office plus an insurance business at the present time. At a later date they plan to move the insurance company to a new location, thus leaving the entire building for the Savings and Loan. This move is to be achieved with a minimum of physical change in the building. Another request from the Owners was for the interior to be as open as possible and both interior and exterior to have an air of quiet dignity.

The building consists of a basement, main floor and mezzanine. The basement serves as work area, storage and future growth and contains approximately 3500 square feet.

The first floor houses the tellers' area, vault, lobby, officers' platform, manager's office and loan closing office, all belonging to the Savings and Loan. In addition the J. L. Suttle Insurance Company occupies a large work area, lobby and two private offices. The focal point of the building is a free standing circular stair, surrounding a circular pool and fountain, leading to a balcony on the mezzanine floor. The balcony is furnished as a home planning room. Also on the mezzanine floor are two private offices, rest rooms, an employees' lounge with small kitchen and a community room which is available to the general public for all types of civic meetings.



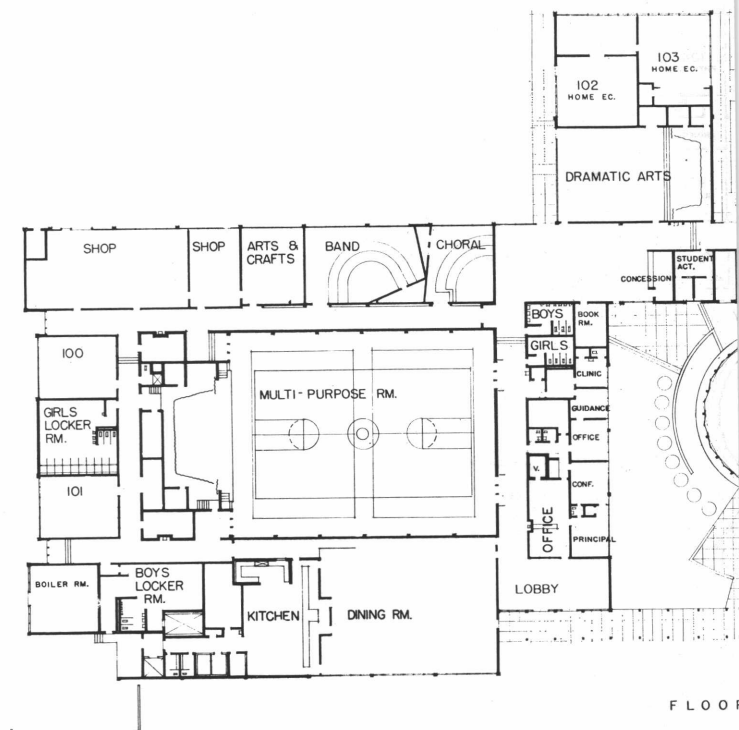
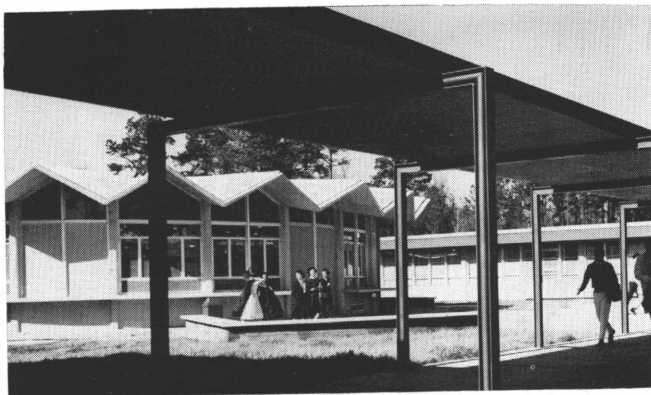
MEZZANINE PLAN





JUNIOR-SENIOR HIGH SCHOOL BUILDING

camp lejeune



FLOOR

architects:
JESSE M. PAGE AND ASSOCIATES
 raleigh

structural:
 Ezra Meir and Associates
 raleigh

mechanical and electrical:
 T. C. Cooke, P.E.
 durham

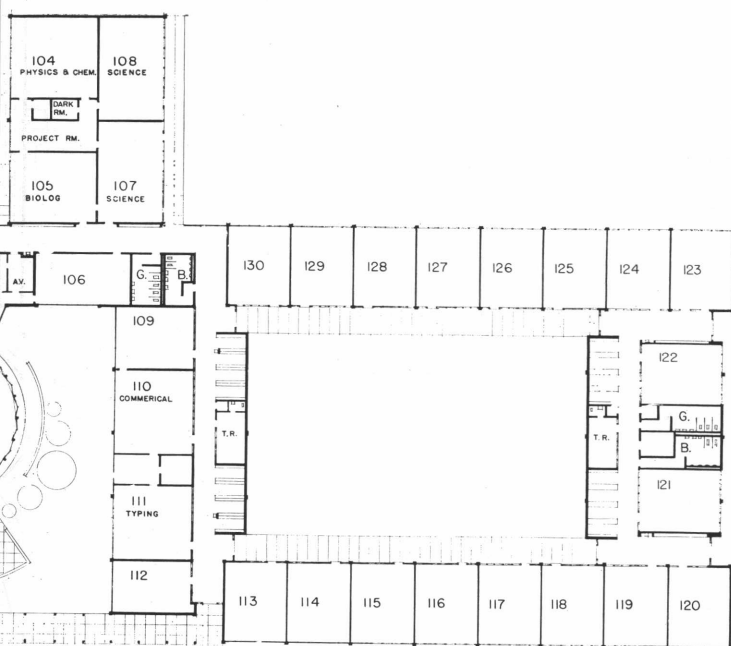
acoustical:
 Bolt, Beranek and Newman, Inc.
 cambridge, mass.

owner:
 Marine Corps Base
 camp lejeune

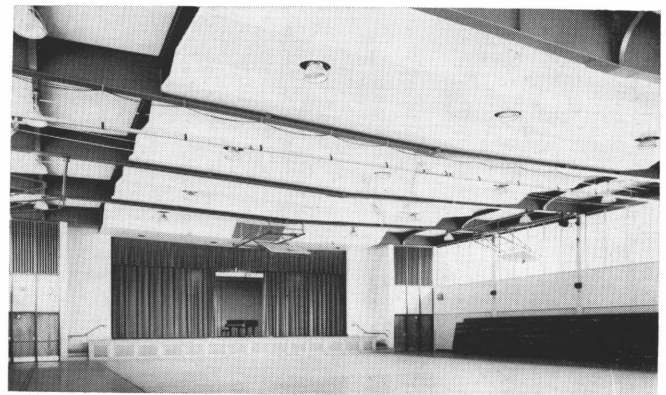
contractor:
 Luther T. Rogers, Inc.
 wilmington



INE CORPS BASE



L A N

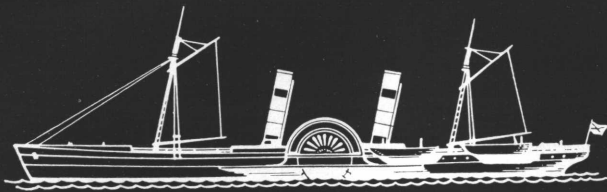


The Owner's program required facilities for 800 secondary school pupils, grades 7-12, in a building not exceeding 84,000 square feet and not including a single purpose gymnasium or auditorium. It was also desired that the cafeteria, multipurpose room, and library be arranged for convenient community use and the library be a round, visually significant structure.

The site is essentially flat in a coastal area with poor subsurface conditions. It was found more economical to place suitable compacted fill material from a convenient borrow pit rather than support

the structure on piles. This filled area condition also considerably aided in providing proper drainage of the building site and utility lines.

The construction is primarily steel frame, utilizing grade beams, due to the soil condition. Exterior walls are face brick and concrete masonry unit cavity walls, and the roof is lightweight concrete fill on metal deck supported by steel joists. The library is a reinforced concrete framed structure with a concrete folded plate roof, while the roof of the multi-purpose area is a cement-fiber deck support by steel girders and purlins.



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JUNE 25-26-27, 1964



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E. G. Vincent

CONSULT AN ARCHITECT

CONVENTION PREVIEW

AIA

North Carolinians will hold a prominent place in the events scheduled for the Annual Convention of The American Institute of Architects to be held in St. Louis, Mo., June 14-18. Arthur Gould Odell, Jr., FAIA, of Charlotte, will be installed as President of The American Institute of Architects; Robert Lee Clemmer of Hickory, and John Erwin Ramsay of Salisbury, both members of the North Carolina Chapter, will be advanced to Fellowship in the Institute in special ceremonies; and John Lansing Cameron, Honorary Associate member of the North Carolina Chapter, a Tar Heel native who is chief of the U. S. Office of Education's School Housing Section, will be awarded an Honorary Membership in the Institute, "for distinguished service to the profession of architecture or to the arts and sciences allied therewith."

Developing a theme of "The City — Visible and Invisible" will be a distinguished group of speakers, plus tours of public buildings, art galleries, museums, private homes and the 630-foot Saarinen designed Gateway Arch to illustrate the "Visible City". The convention will begin with an organ recital in the St. Louis Cathedral on Sunday, June 14, and will include other social activities such as an "Evening on the Mississippi" aboard the excursion steamer Admiral. Local architects will entertain the visitors in their homes during one evening with the climax of the convention on Thursday night when the Annual Dinner is held followed by The Architects' Ball.

The professional program will include nationally known leaders in the fields of government, religion, medicine, law and architecture, exploring the subtle as well as apparent facets of our communities.

At the present time, approximately twenty members of the North Carolina Chapter have indicated their intention of attending the National Convention.



NCAIA

**DANIEL
SCHWARTZMAN
FAIA**



Principal speaker and moderator at the summer convention of NCAIA will be Daniel Schwartzman, FAIA, of New York City. Plans are tentatively made for a session on Friday morning, June 26, to introduce subjects of agreements, fees and consultants, followed by discussion and similarly on Saturday morning to introduce the philosophy of specifications, office procedures and professional liability.

Mr. Schwartzman comes well qualified to conduct these seminars, having received the Institute's 1964 Kemper Award for significant contributions to the architectural profession — specifically for having been instrumental in the development of the *Architect's Handbook of Professional Practice* while serving as chairman of the Institute's Committee on Office Procedures from 1960 to 1963. He is currently serving as chairman of the Institute's Commission on Professional Practice. Last year he was the AIA delegate to the International Union of Architects' Professional Practice Commission. Chapter members working with Mr. Schwartzman in developing these topics will be Luther Lashmit, James C. Hemphill, Jr., Robert L. Clemmer, Paul C. Hardy and Joseph N. Boaz.

Social aspects of the convention will include various water sports, boating, fishing, golf and sightseeing, a luncheon on Friday, social hours on Thursday, Friday and Saturday, a Friday night banquet and dances on Friday and Saturday nights.

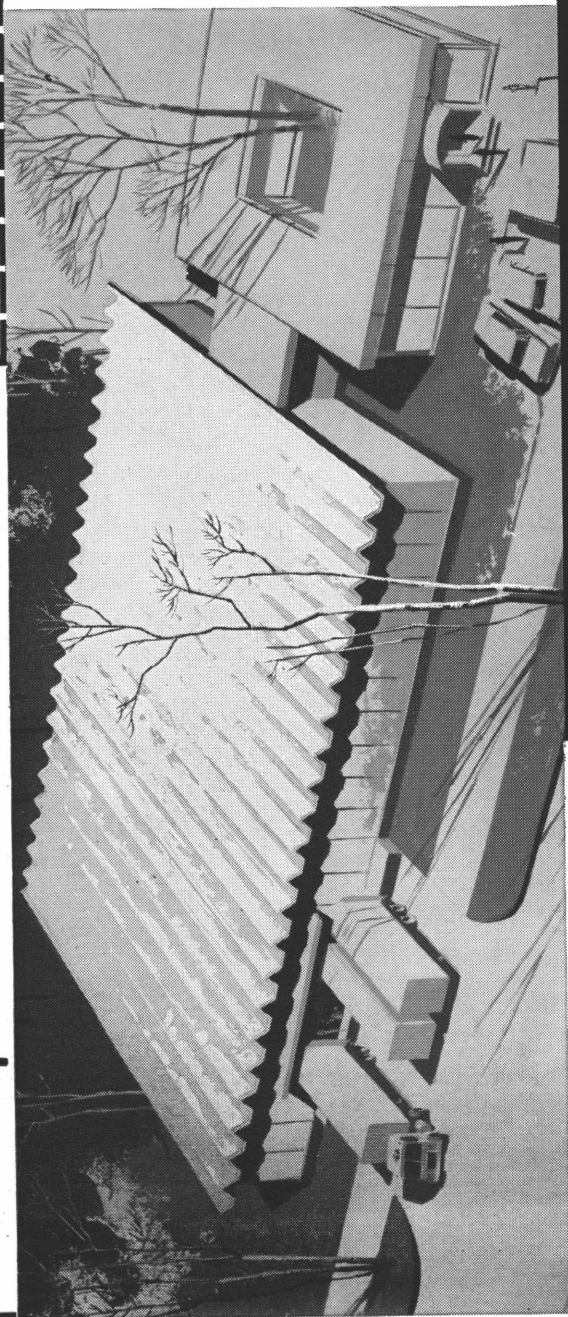
It is anticipated that many members and their families will attend the meeting.

Photo at left is the new Blockade Runner Motor Hotel at Wrightsville Beach, headquarters for the summer convention of the North Carolina Chapter, The American Institute of Architects, June 25, 26, and 27.

clip along dotted line

NO. 8 folded plates

a.i.a. file: 4-a



Tremendous span and load-carrying abilities characterize concrete shell roofs in the form of folded plates—also known as F/P's. In industrial construction folded plates are being used more and more to provide great areas of column-free space for manufacturing or storage.

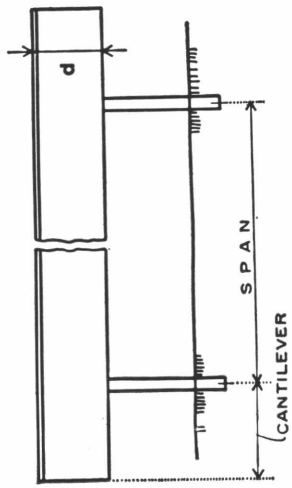
The ability of folded plates to cantilever can be applied advantageously in the design of schools, stores and hangars.

There are three basic types (two shown below) of folded plate shells—V-shaped, Z-shaped and a modified W-shape. The economy of F/P's is increased with form re-use.

Typical span data for V- and W-shaped plates are shown in the tables below.

For more information, write for free technical literature. (U.S. and Canada only.)

CROSS SECTION



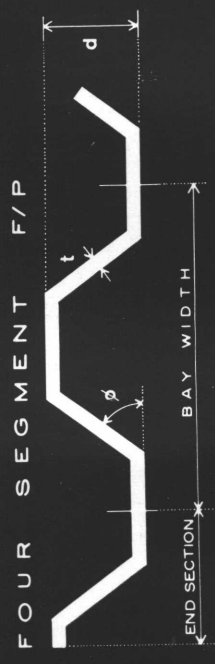
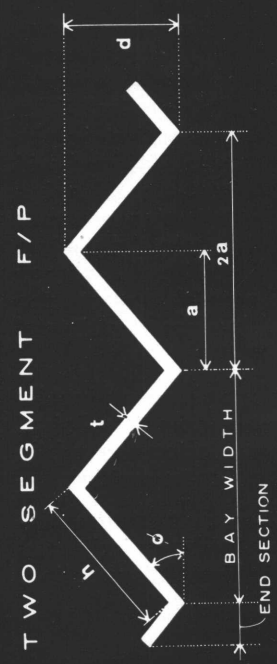
Sufficient cantilever can help to counterbalance the span. The usual span-to-depth ratio varies from 1:10 to 1:15. Example: If span is 40' long, the usual minimum depth is about $\frac{40}{10}$ or 4'.

Formula:
$$\text{VOLUME OF CONCRETE IN SQ. FEET} = \frac{\text{CU. YARDS}}{\text{SQ. FEET}} = \frac{th}{324a}$$

$h = \text{ft.}$
 $t = \text{in.}$
 $a = \text{ft.}$

| SPAN | ϕ^* max. | ϕ^* min. | max. | min. | 2a | (1) | (2) | (3) |
|------|------------------|------------------|--------|-------|-----|-----|-----|---------|
| | | | | | | | | |
| 40' | 45° | 25° | 4'-0" | 2'-9" | 15' | 4" | | 1.2-1.6 |
| 60' | 45° | 25° | 6'-0" | 4'-0" | 20' | 4" | | 1.9-2.7 |
| 75' | 45° | 25° | 7'-6" | 5'-0" | 25' | 4" | | 2.6-3.7 |
| 100' | 45° | 25° | 10'-0" | 6'-9" | 30' | 5" | | 4.0-5.2 |

| SPAN | ϕ^* max. | ϕ^* min. | max. | min. | 2a | (1) | (2) | (3) |
|------|------------------|------------------|-------|-------|-----|-----|-----|---------|
| | | | | | | | | |
| 40' | 45° | 30° | 5' | 2'-6" | 20' | 3" | | 1.5-2.0 |
| 60' | 45° | 30° | 6' | 4' | 25' | 3" | | 2.0-3.0 |
| 75' | 45° | 30° | 7'-6" | 5' | 30' | 3" | | 2.5-4.0 |
| 100' | 45° | 30° | 10' | 6'-6" | 40' | 4" | | 4.0-6.0 |



* max. recommended slope is 45°
(1) values shown may vary with architectural design
(2) average thickness in inches
(3) pounds per square foot of projected area

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Jesse M. Page, Jr. AIA, President of The Raleigh Council of Architects and Albert L. Haskins, Jr., AIA, a director of The North Carolina Chapter AIA, answer high school students' questions.

The Raleigh Junior Chamber of Commerce in cooperation with the Raleigh and Wake County School systems sponsored a concentrated three-day career program at the Memorial Auditorium in Raleigh this year. Previously, career days had been conducted at the individual Raleigh and Wake County Schools; however, this year forty-seven booths at one location, manned by persons experienced in their fields, were available for all high school students in the area. The Junior classes of all local schools visited the auditorium during school hours, with many students returning in the evening with their parents for discussion about particular careers.

The Raleigh Council of Architects participated with an excellent display composed of a group of panels depicting work of local architects and a slide projector flashing photographs of buildings on a screen at 3-minute intervals. Different members of the Council were present at all times to answer questions, discuss various aspects of the architectural profession and distribute an explanatory pamphlet, "Designing a Better Tomorrow, a Career in Architecture".

The entire program was highly successful and gave the students of the area an opportunity to discuss a wide variety of careers with experienced people.

The Building Research Institute, 1725 De Sales St., N.W., Washington, D. C. announces a Forum on Restoration and Preservation of Historic Buildings to be held at the Mayflower Hotel, Washington, June 11-12, 1964. Speakers will be well known architects in the restoration field and department heads of the Restoration Division of the National Park Service.

WANTED: Graduate Architect for position with the North Carolina Medical Care Commission, P. O. Box 9594, Raleigh, to assist in reviewing plans for hospitals and other medical facilities developed under the Hill-Burton program to determine compliance with Federal and State standards. Forty hour week. Very little travel. Begin at \$9,744.00.

STUDENT PUBLICATION

Students in the Design School at North Carolina State are currently engaged in preparing a series of publications called "Architectural Idea." Through the heretofore unpublished drawings of Le Corbusier on his new church at Firminy, Alvar Aalto on the Vucksenniska Church, Louis I. Kahn on the Capitol of East Pakistan, and Paolo Soleri on his Cosanti Foundation Project, they have gathered enough material to print four separate publications tracing these projects from the architects' conceptual sketches to the final construction drawings and photographs of the finished project. Also in preparation is an issue which will be a collection of the writings of Harwell Hamilton Harris.

In order to accomplish these five issues the students must raise a sum of money above their regular budget for a limited printing of each issue.

In order to finance the current project, they have created a special donor subscription at \$50 or more. Each of the five issues will sell for \$2.00. The donor subscribers will have their names printed in the publication under a special donor subscribers heading, and will receive all five publications. The donations are tax deductible as are all donations to non-profit organizations.

The STUDENT PUBLICATION OF THE SCHOOL OF DESIGN is a student organization dedicated to printing material of high academic interest and quality in the design field. There have been 33 issues of the publication which have appeared regularly each year since 1951.

If you desire further information on the magazine, write Student Publication of The School of Design, N. C. State College, Box 5273, Raleigh, N. C.

COMPETITION ANNOUNCED

A national competition open to architects, sculptors and designers for the design of a monumental fountain on the Benjamin Franklin Parkway in Philadelphia has been announced. The site is in the new plaza now being constructed at the southeast terminus of the Parkway, adjacent to City Hall and the burgeoning Penn Center.

Both fountain and basin are the subject of the competition. The Fountain will be an important feature of the Parkway and of the City. The cost of the Fountain, its finished basins, mechanical equipment and appurtenances is not to exceed \$500,000. Ten prizes will be awarded: \$12,500, \$7,500, \$5,000, \$3,000, \$2,000, and five honorable mentions of \$1,000 each. June 15 is the last day for accepting registrations. Members of the Jury are: I. M. Pei and Paul M. Rudolph, architects; Jacques Lipchitz and Theodore Roszak, sculptors and Philip Rice, President of the Fairmount Park Art Association, which is sponsoring the competition.

Additional information may be obtained from Norman N. Rice, AIA, Professional Adviser, Fountain Competition, P. O. Box 8366, Philadelphia, Pa. 19101.

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FIRE CLAIMS RALEIGH ARCHITECT AND WIFE

An early morning fire on Sunday, April 19, claimed the lives of James M. Edwards, Jr. and his wife Dorothy Young Edwards. Firemen were called to the Edwards home about 2:30 a.m. where they found the living room and den ablaze. After bringing the flames under control, firemen located the body of Edwards in the den and Mrs. Edwards was found on the floor of an adjacent living room.

Edwards, a member of the North Carolina Chapter of The American Institute of Architects since 1945, maintained an office in Raleigh with William C. McGee, Jr. He was a life-long resident of Raleigh and attended N. C. State College, the University of N. C. and Yale University.

Funeral services were conducted for Mr. and Mrs. Edwards from the Pullen Memorial Baptist Church, of which they were members, on Tuesday, April 21, with burial in Montlawn Memorial Park. The couple are survived by three children, Mrs. Royce H. Riddick, Jr. of Raleigh, James M. III of Atlanta and William Judson, a student at Campbell College, and one grandchild.

The North Carolina Chapter AIA extends sincere sympathy to the family of Mr. and Mrs. Edwards.

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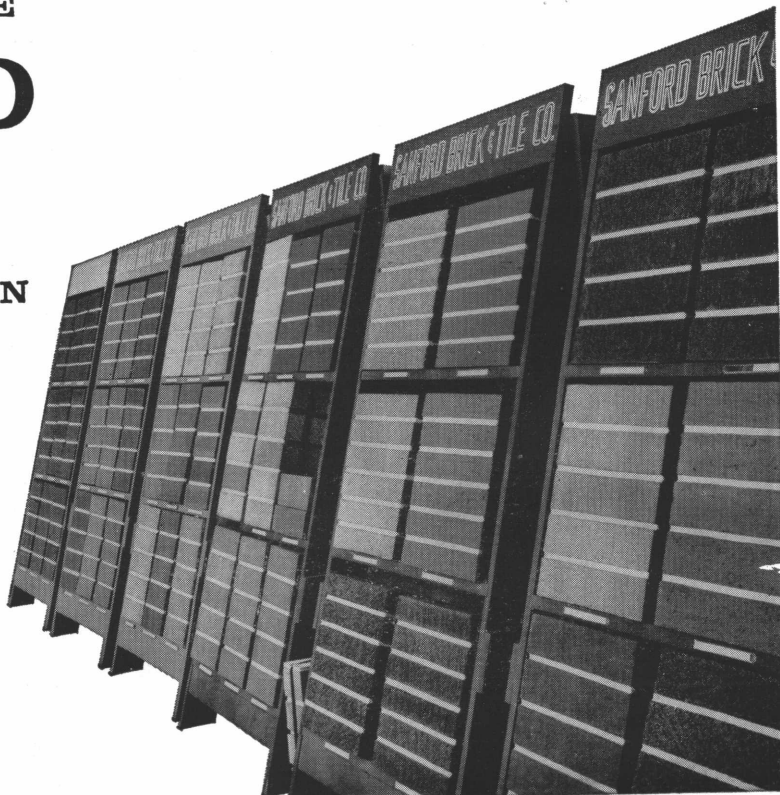
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ITALIANS OFFER COURSE IN ARCHITECTURAL HISTORY

April 3, 1964

To: Publications Committee
North Carolina Chapter AIA

This morning's mail brought in an announcement of the Seventh Course in the History of Architecture of the Veneto at Vicenza, Italy, next September and it reminds me that I promised someone on the Publications Committee to write up my attendance (and graduation) at the last one in September of 1963.

After a correspondence of several years with Dr. Renato Cevese, the executive director of the Centro Internazionale di Studi di Architettura "Andrea Palladio", Vicenza, Italy, I was accepted for the 1963 session. The Centro is a cultural organization whose main purpose is the study, research and preservation of the great Renaissance work in northern Italy with special emphasis on the work of Andrea Palladio. It is housed in a Palladian palazzo in the center of Vicenza, a beautiful town of about the size of Durham, complete with medieval walls, Palladian and neo-classic villas and palazzos and of course, it was a former Roman army campsite, outpost and city.

The requirements for the course other than the huge sum of 15,000 lire (less than \$25.00 which included all tuition, transportation, numerous banquets and a thousand other courtesies) were that you must be an architect, teacher, graduate student or historian with qualifications to absorb the 20 days of intensive instruction, all of which is in Italian. (Having had no Italian I launched into a "do-it-yourself" course with records and "Italian made Simple" tests), the result of this was that Loewenstein was made simple, but I did manage to understand almost all of the lectures until I physically wore out. The Italians are, needless to say, very flowery speakers, and some have a vocabulary of their own (at least, not found in any dictionaries). After a non-stop flight to Milan in early September, I rented a Fiat 600 and visited all the major architectural masterpieces in Milan, Bergamo, Brescia, Verona, Soave, and Sirmione before arriving at Vicenza. Vicenza is between Padua and Verona and about an hour's ride from Venice. It is not a tourist trap and contains a great deal of real value, (La Rotunda, Teatro Olimpico). It has easy proximity to hundreds of other masterpieces and architectural sites.

The course was fabulous. The student body of 72 came from all over the world with only six Americans. The faculty had about 24 and of these there were 2 Americans, Prof. Wittkower of Columbia and Prof. George Kubler of Yale, both of whom did magnificent jobs (subject matter and speaking Italian). Wittkower's discussion caused great controversy with some of the Italian faculty, all of whom were too polite to mention it. Part of his discussion involved Palladio's super-imposing of heavy massive vertical Roman basilicas on hori-

zontal, delicate Greek temples, all of which is described in detail in Wittkower's book, but which the Italians feel is a matter of pure design. Each of the faculty discussed Palladian influences in his country (although Kubler discussed Spain, his main interest). Several of the Italians handled Palladio in America. The course wound up in neo-classicism (baroque is a dirty word and only done by incapable designers, not qualified to accept Palladian principles) and several of the lectures were on city planning in the late Palladian and neo-classic periods. Usually we had about 6 hours of lectures and then about 6 hours of visits by bus to each of the locations.

The meat of the course was a thorough study of Palladio, his contemporaries and followers, and his influence throughout the world from the Renaissance period into modern times. The Italian faculty ranged from architectural historians to nobility and each was a qualified expert in the various phases of the school. Of course the Italians spoke of our hero, Frank Lloyd Palladio, in very hushed and reverent tones and now I speak this way too. Most of the owners of the architectural sites, which are now national monuments, similar to the National Trust projects of England, assisted in the discussions and also hosted elaborate cocktail parties and banquets at the close of each visit. An exception is Pojana, a small Palladian villa, presently housing a coca cola factory and for sale for \$38,000. It is estimated that the Italian government would require you to spend at least \$200,000 to put it back where it was in the 16th century.


The cordiality of the Italians was unbelievable. They could not have cooperated more and it was a truly enjoyable, stimulating experience on a world wide basis. The students ranged from architectural graduates to architects, architectural historians and designers. The language problem was hysterical and if we had been able to be together for another month we might have been speaking Russian, Polish and Spanish — French, Italian and English prevailed.

If anyone in the chapter is interested in attending, I wish they would get in touch with me for assistance and details. I'm enclosing the bulletin of the course which will be held next September, and am hoping you can get it posted on the Chapter bulletin board. I'll be glad to expand further on the course if anyone is interested.

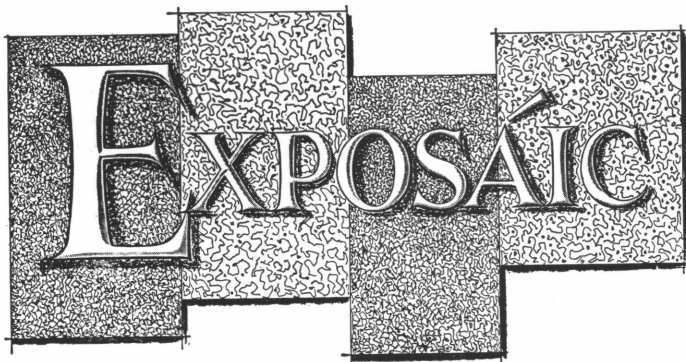
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CONFERENCE ON CHURCH BUILDING AND ARCHITECTURE SCHEDULED

Following is the schedule of events to be presented at the Conference on Church Building and Architecture to be held under the auspices of the Methodist Church at Lake Junaluska from August 13 to the 16th.

Many members of the architectural profession are members of the Bishop's Committee on Church Architecture, but to those that are not we wish to pass the information that the conference is open to any who would like to come.

Further information on the conference, registration fees and the speakers can be obtained from Rev. Wilson Nesbitt, Duke Divinity School, Durham, N. C.

Thursday, August 13th

- 4:00-5:00 p.m. Registration — Harrell Center
- 4:00 p.m. Meeting of Workshop Leaders — Harrell Center
- 8:00 p.m. Address — "The Challenge of Church Building Today"
Dr. S. Turner Ritenour

Friday, August 14th

- 9:00 a.m. Devotions
- 9:20 a.m. Address — "How Belief Determines Building" — Dr. E. S. Frey
- 9:50 a.m. Break
- 10:00-Noon WORSHIP WORKSHOP
Dr. E. S. Frey
- EDUCATION WORKSHOP
Rev. Glenn S. Gothard and
Dr. S. T. Ritenour
- CHURCH EXTENSION WORKSHOP
Dr. H. L. Johns —
"Financing and Building Program"
- 2:00 p.m. Audio Visual Session
- 2:45-4:45 p.m. WORSHIP WORKSHOP — Continued
EDUCATION WORKSHOP—Cont'd.
- CHURCH EXTENSION WORKSHOP
Dr. Charles A. Nowlen, Sr.—
"Building the Small Church"
- 8:00 p.m. Address — "Building for Worship"
Dr. E. S. Frey

Saturday, August 15th

- 9:00 a.m. Devotions
- 9:20 a.m. Address — "The Church Building for all the Congregation"
Dr. J. Clay Madison, Charlotte
- 9:50 a.m. Break
- 10:00-Noon THREE WORKSHOP SESSIONS
- "Organizing the Building Program"—
Dr. E. S. Frey
- "Fund Raising" —
Rev. Forrest D. Hedden
Dept. of Finance & Field Service
- "The Fellowship Hall, Church Offices and Parsonage"
Mr. Norman G. Byar
- 2:00 p.m. Open for additional session or for conference and consultation between building committees and Conference leaders

Sunday, August 16th

- 9:00 a.m. Communion Service —
Memorial Chapel
- 11:00 a.m. Morning Worship —
Rev. Charles A. Allen
First Methodist Church
Houston, Texas

WHEATLEY APPOINTED TO N. C. BOARD OF ARCHITECTURE

Governor Terry Sanford has recently announced the appointment of Charles H. Wheatley AIA of Charlotte as a member of the North Carolina Board of Architecture for a term of five years. Wheatley succeeds John Erwin Ramsay, who retired as President of the Board on April 8, after serving as a member for ten years.

Wheatley is a practicing architect and head of the firm of Charles H. Wheatley and Associates. He is President of the Charlotte Section of the North Carolina Chapter AIA and serves as a Director of the North Carolina Chapter of The American Institute of Architects.

Other members of the North Carolina Board of Architecture are Archie R. Davis AIA, Durham, President; Shannon Meriwether AIA, Tryon, Secretary-Treasurer; Fred W. Butner, Jr., AIA, Winston-Salem; and F. Carter Williams AIA, Raleigh. A. Lewis Polier AIA, Raleigh, is Executive Director.

The Board has announced that the next written examinations are scheduled to be given June 3-6 at the School of Design, North Carolina State, Raleigh.

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DESIGN FOUNDATION NEWS

The main function of the Design Foundation is to provide funds for salary supplement purposes at the N. C. State College School of Design. These funds materially aid the School in attracting and holding high-caliber faculty members and to remain competitive with other institutions. The Architectural

Profession wishes to thank the patrons listed below and to encourage other business and industrial firms to support the Foundation program. Interested persons may write Box 5067, State College Station, Raleigh, North Carolina. The list below does not include the many architects who also contribute to the foundation.

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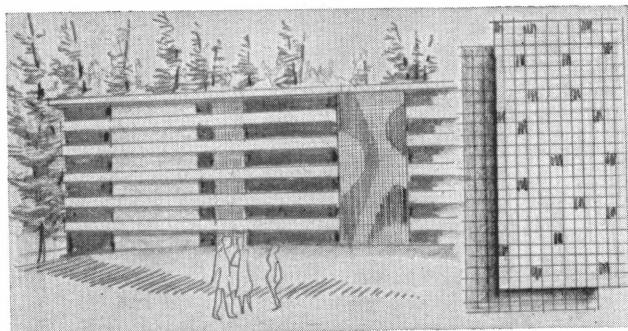
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CALENDAR OF EVENTS

MAY 26, JUNE 2, 9, 16:

Architect's Guild of High Point,
Marguerite's Restaurant
George C. Connor, Jr., AIA, President

JUNE 2: Durham Council of Architects,
Harvey's

James A. Ward, Acting President

JUNE 3: Charlotte Section of N. C. Chapter, AIA,
Stork Restaurant No. 2

Charles H. Wheatley, AIA, President

JUNE 4: Raleigh Council of Architects,
YMCA

Jesse M. Page, Jr., AIA, President

JUNE 8: Winston-Salem Council of Architects,
Reynolds Building Restaurant

Kenneth B. Jennings, AIA, President

JUNE 12: F. Graham Williams Co. 41st Annual Golf
Tournament and Dinner
East Lake Country Club, Atlanta, Ga.

JUNE 14-18: AIA Convention,
Chase - Park Plaza Hotel
St. Louis, Mo.

JUNE 15: Deadline for material for July issue

JUNE 19: Greensboro Registered Architects,
Maplehouse Restaurant
Thomas P. Heritage, AIA, President

JUNE 25-27: N. C. Chapter, AIA Summer Meeting,
Blockade Runner Motor Hotel
Wrightsville Beach, N. C.

JULY 24-25: Eastern Carolina Council of Architects,
Morehead City
Warren E. Hargett, AIA, President
Theodore J. Peters, AIA, Host

OCTOBER 29-30: South Atlantic Region AIA
Biennial Meeting,
Jack Tar Poinsett Hotel
Greenville, S. C.

NCAIA SUMMER MEETING
BLOCKADE RUNNER
Wrightsville Beach
JUNE 25, 26, 27

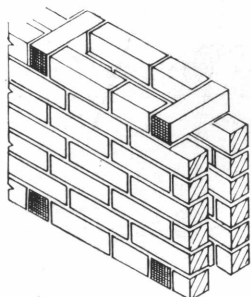
**What is the one design material that can
be a wall, a door, a partition, a fence, a roof,
a window, a mirror or a piece of furniture ...
of almost any shape,
color, texture, size or design?
Transparent, translucent, reflective or opaque?
Impervious to sun, wind, rain and corrosion?
Never becomes obsolete ...
and needs no maintenance but washing?**

glass

Are you taking full advantage
of all the design properties of glass?
We suggest you look through Sweet's Architectural File.
Then direct your questions
to your local PPG Architectural Representative.
He's at the PPG office nearest you.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. 15222.
PPG makes the glass that makes the difference



A.I.A. Convention Booth Numbers 501-502



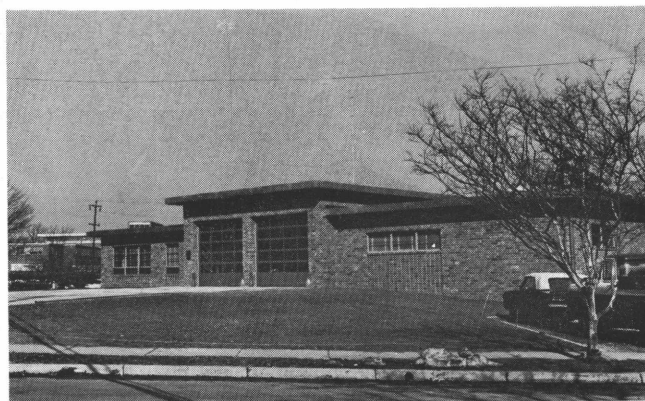
These handsome
examples show
why the

UTILITY WALL

is the most popular wall assembly
in North Carolina today.



Binswanger Glass Company; Loewenstein-Atkinson, Architects; H. A. Hodgin & Sons, Contractor



Raleigh Fire Station No. 5; Edwards & McGee, Architects; Davidson & Jones, Contractor



Ben L. Smith School; McMinn, Norfleet & Wicker, Architects; Barger Construction Company, Contractor



Vancouver Plywood Company; Biberstein-Bowles-Meacham & Reed, Architects; Godley Construction Company, Contractor



Southern Pump & Tank Company; Charles H. Wheatley & Associates, Architects; Godley Construction Company, Contractor

BRICK AND TILE SERVICE, BOX 6305, SUMMIT STATION, GREENSBORO, N. C.