

SOUTHERN ARCHITECT



SEPTEMBER 1964





QUALITY METALWORK

Polished Stainless Steel trimmed with wood was used to form the Railing and Screen. Stair Stringer is Hollow Steel Tubing.

Cooperative Savings & Loan
Association

Wilmington, North Carolina

Architect: Leslie N. Boney
Wilmington, N. C.

J - D - WILKINS Co.

GREENSBORO, N. C.

SEPTEMBER 1964
VOLUME 11
NUMBER 9

SOUTHERN ARCHITECT



COMMITTEE ON PUBLICATIONS

JOHN T. CALDWELL, AIA, CHAIRMAN	RALEIGH
C. F. BRANAN, JR., AIA	RALEIGH
JAMES L. BRANDT, AIA	RALEIGH
RALPH E. BRICE, AIA	CHARLOTTE
CHARLES C. DAVIS, JR., AIA	ROANOKE RAPIDS
J. STANLEY FISHEL, AIA	RALEIGH
HAROLD W. HARTLEY, AIA	LENOIR
GORDON E. PEEBLES, AIA	FAYETTEVILLE
R. E. L. PETERSON, AIA	GREENSBORO
RAYMOND C. SAWYER, AIA	RALEIGH
GILBERT M. SLACK, AIA	RALEIGH
J. B. WIGGINS, AIA	RALEIGH
DONALD B. WINECOFF, AIA	CHARLOTTE
GENE W. JONES, AIA	RALEIGH
JOHN T. WOOD, JR., AIA	ASHEVILLE

IN CHARGE OF LAYOUT THIS ISSUE
GILBERT M. SLACK, AIA

NORTH CAROLINA CHAPTER THE AMERICAN INSTITUTE OF ARCHITECTS

S. SCOTT FEREBEE, JR., AIA
LESLIE N. BONEY, JR., AIA
B. ATWOOD SKINNER, JR., AIA
MACON S. SMITH, AIA
JACK BABER, AIA
FRED W. BUTNER, JR., AIA
JOHN T. CALDWELL, AIA
J. HYATT HAMMOND, AIA
ALBERT L. HASKINS, JR., AIA
JAMES C. HEMPHILL, JR., AIA
CHARLES H. WHEATLEY, AIA
LOUISE HALL, AIA
R. MAYNE ALBRIGHT
BETTY W. SILVER

PRESIDENT
VICE-PRESIDENT
SECRETARY
TREASURER
DIRECTOR
DIRECTOR
DIRECTOR
DIRECTOR
DIRECTOR
DIRECTOR
DIRECTOR
ARCHIVIST
ATTORNEY
EXECUTIVE SECRETARY

SOUTHERN ARCHITECT IS PUBLISHED BY THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS, BETTY W. SILVER, EXECUTIVE SECRETARY, 115 W. MORGAN STREET, RALEIGH, NORTH CAROLINA 27601. ADVERTISING RATES ON REQUEST.

OPINIONS EXPRESSED BY CONTRIBUTORS ARE NOT NECESSARILY THOSE OF THE NORTH CAROLINA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS.

NATIONAL ADVERTISING REPRESENTATIVE:
PETER BOVIS & ASSOCIATES
1180 AVENUE OF THE AMERICAS
NEW YORK 36, N. Y.

NCAIA FALL MEETING
MID PINES CLUB
SOUTHERN PINES, N. C.
OCTOBER 10, 1964

CONTENTS

President's Message	4
Photographs of Swedish Churches.....	7-13
Kirkman Park School, High Point	14 & 15
Peden Steel Company Office, Raleigh	16 & 17
News Items	19
"Equation for Excellence" Theme for South Atlantic Regional Conference	20
N. C. Association of Professions	22
NCAIA Fall Meeting Announced	25
Directory of Salesmen's Products	27
Calendar of Events	28

Cover photo: Free standing steeple at Sjobo Church in Boras, Sweden.
Photo by Svante Hedin.



On October 29, 30 and 31, the South Atlantic Regional Conference of the American Institute of Architects will be held at the Jack Tar Poinsett Hotel in Greenville, South Carolina. The South Carolina Chapter, AIA, is host for this meeting and has gone all out in preparing an outstanding program.

The theme of the conference is "Equation for Excellence" and the purpose of the program will be to discuss and develop means whereby the architect may improve his services to his client. The keynote address will be made by Lawrence B. Perkins, FAIA, of the firm of Perkins and Wills. His address will be followed by a discussion on "The Architect in the Community" with Morris Ketchum, FAIA, Vice-President of the Institute, John C. Parkin, FAIA, and Buford Pickens, AIA, as panelists. On Thursday evening, Greenville architects will entertain out of town architects in their homes.

The Friday morning session will be devoted to a panel discussion on "Marketing the Services of Architects." The panel will consist of Herbert Swinburne, FAIA, Mr. D'Orsey Hurst, Management Consultant, and Morris Ketchum. A. G. Odell, Jr., FAIA, President of the Institute, will make the address at the luncheon meeting that day and the afternoon sessions will consist of panel discussions on "Office Management and Organization" and "Project Case Studies." The first panel will have Mr. Hurst, Mr. Glen White, Management Consultant, and Mr. Samuel Spencer, Legal Counsel for the AIA. The second panel will be made

up of Mr. Perkins, Mr. Parkin, and Mr. Swinburne. There will be a dinner and dance that evening. The conference will be summarized on Saturday morning by Mr. Buford Pickens, and those who wish may attend the Clemson vs. Virginia football game that afternoon. Those who do not wish to see the game may participate in a golf tournament at the Greenville Country Club.

I have found through many years of experience in attending AIA meetings and conventions that I always gain more from them than I had expected when I went. The discussions on comprehensive services which took place at the last regional conference in Atlanta have been of particular help to me in my practice. It appears to me that the South Carolina Chapter has prepared a very educational program and that what we learn there will be worth considerably more than the time required to attend. I have heard Mr. Swinburne make his presentation on marketing the services of architects and I can assure you that this alone will be worth the trip.

North Carolina Architects have not attended regional conferences too well when they have been scheduled outside of the state. With the excellent program that is planned in Greenville, however, I hope that we can reverse this trend and that we may have the largest number present. Greenville is easily accessible by plane or automobile from all points in our state. What we learn there will be of value to our clients as well as to ourselves, and I urge each of you to make the effort to attend.

L. Scott Tucker, Jr.



Washington Hilton, Washington, D. C. / Hilton-Uris, Inc., Owner / William B. Tabler, F.A.I.A., New York, N. Y., Architect / Wayman C. Wing, New York, N. Y., Structural Engineer / Uris Buildings Corp., New York, N. Y., Builder / Kirk Lindsey, Inc., Arlington, Va., Concrete Construction / Maloney Concrete Co., Washington, D. C., Ready-Mix Suppliers

12,000 TONS OF DEAD LOAD SAVED

On Washington's Most Glamorous "Y"!

Its flaring, "Y" shape and resort atmosphere lend the new Washington Hilton Hotel a distinctive outward appearance. Construction techniques and materials used were no less modern and imaginative.

Of reinforced concrete frame construction, the Washington Hilton incorporates ultimate strength design with the use of Solite lightweight structural concrete to achieve *striking results at substantial savings*.

Construction techniques included flat plate and pan joist as well as one way slab systems. 25,000

cubic yards of Solite were used; 12,000 tons of dead load were shaved from the building's frame.

The uniformity of Solite concrete, rigidly maintained through quality control production, assures outstanding ease of handling and placement.

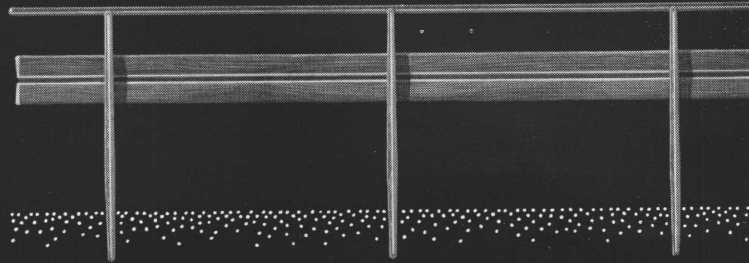
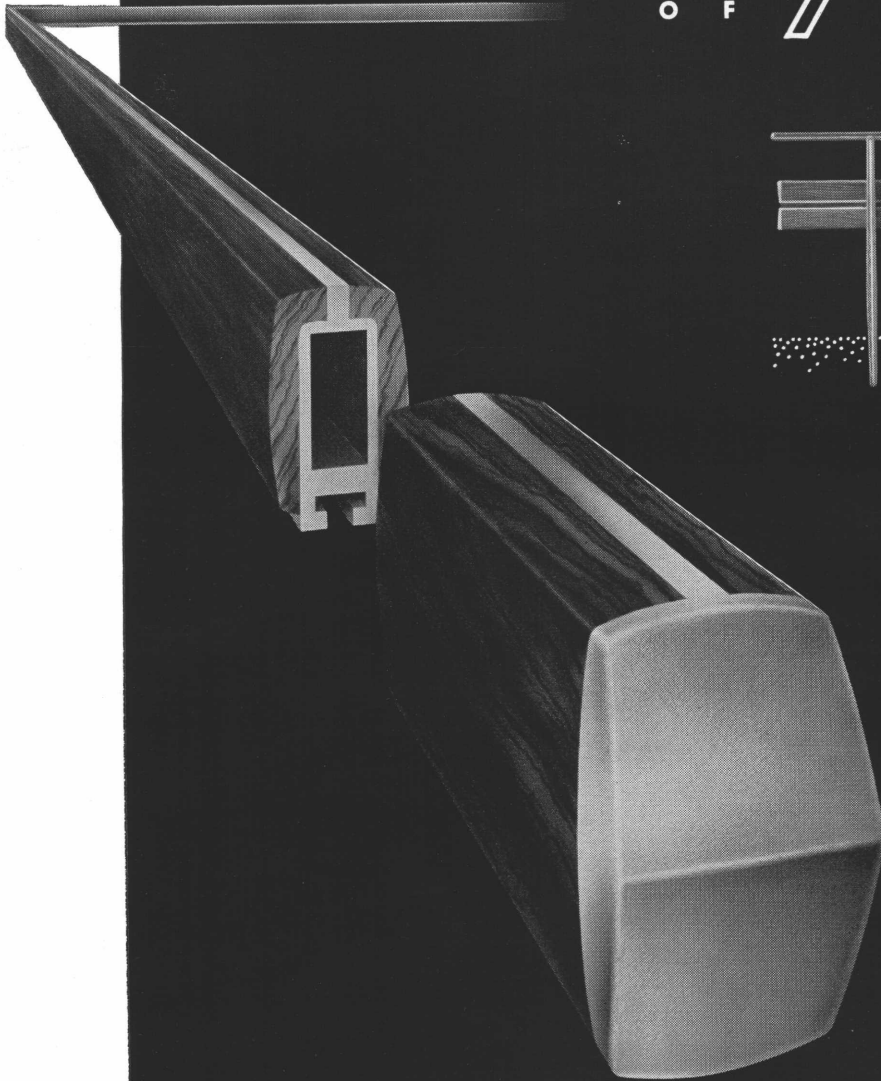
SOLITE®

Lightweight Masonry Units and Structural Concrete
1416 Baugh Building, Charlotte, N.C.



Blumcraft

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



NEW WOOD HANDRAILS with an aluminum core substructure are furnished as a complete unit by Blumcraft. The solid walnut wood, with a natural hand-rubbed oil finish, is bonded to the aluminum at Blumcraft's factory. This new railing concept combining wood and metal is trademarked **RAILWOOD***

Complete 1964 catalogue available from Blumcraft of Pittsburgh, 460 Melwood St., Pittsburgh 13, Pa.

*Trademark

© 1964 Blumcraft of Pittsburgh

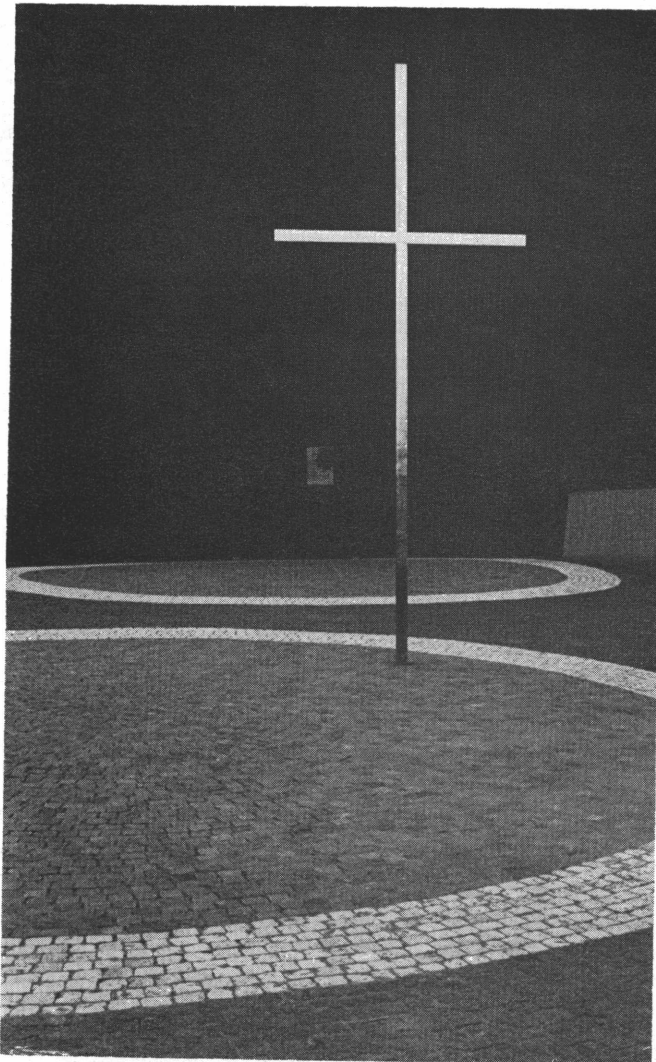
PHOTOGRAPHS OF SWEDISH CHURCHES

By Svante Hedin

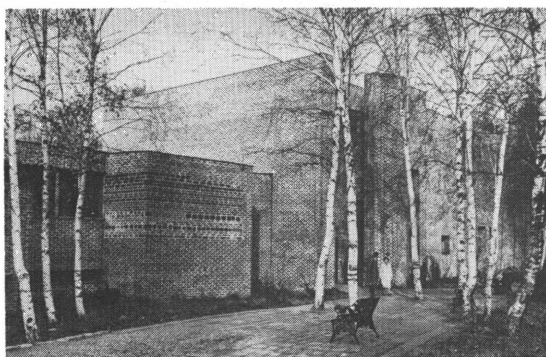
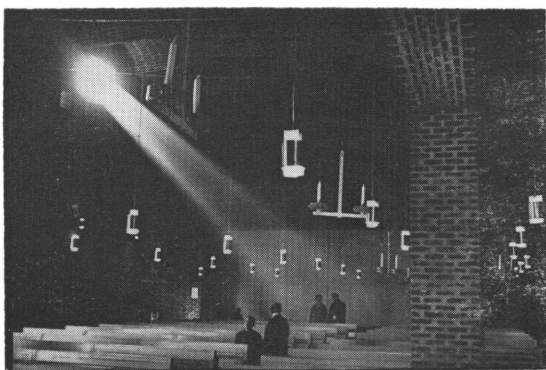
Text Translated by Miss Kerstin Hedin

Svante Hedin, a young Swedish photographer, is Technical Editor of FOTO Magazine. Educated at the Boraas Textile Institute as a textile engineer, Mr. Hedin's photography developed as a hobby. After many prizes and publications in international photography magazines, Svante Hedin taught Leica's photography course in Wetzlar, Germany. He then started a division of the Leica Photography School in Stockholm, Sweden, and lectured on photography throughout Sweden. He is now a member of the group of photographers known as "Visum".

These photographs were a part of a series on Swedish architecture from a photographers view-point.

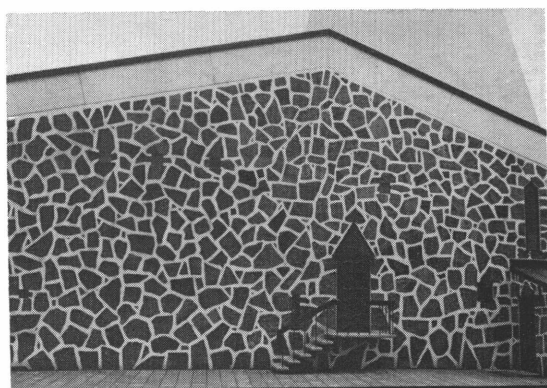
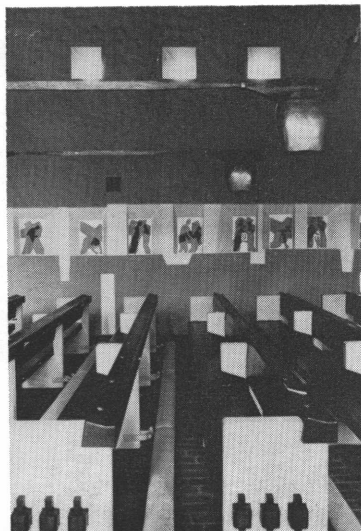
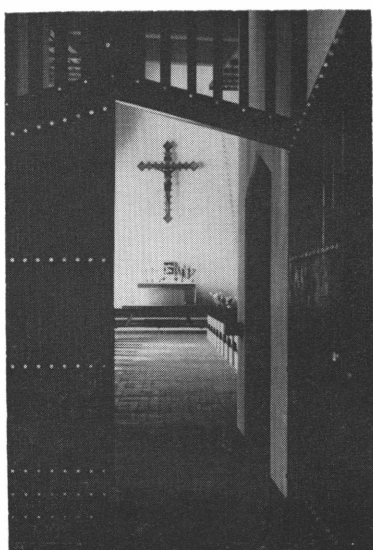
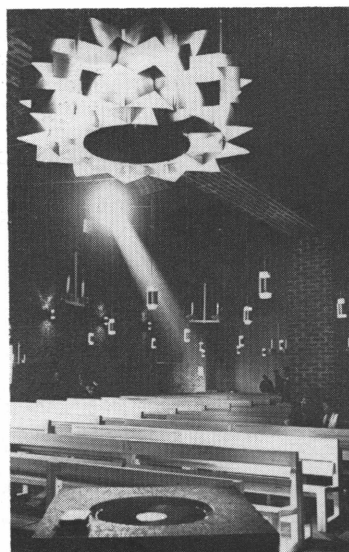


The large modern churches can be represented by St. Thomas Church in Vallingby's shopping center with its silver cross in contrast to the solid body of the church.



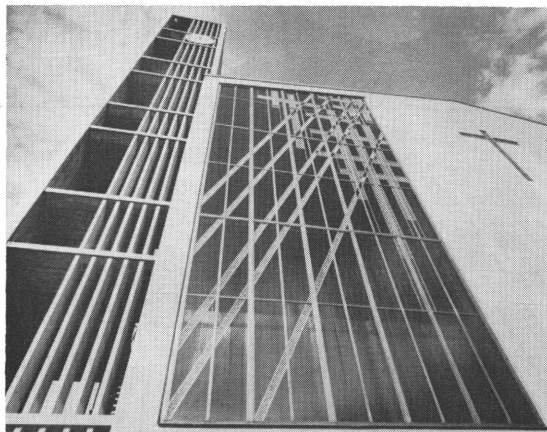
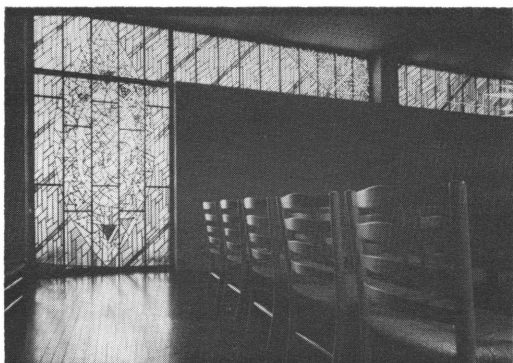
Architect Sigurd Lewerentz's Bjorkhagen church is of the same type, embedded among birch trees instead of the stone paving surrounding St. Thomas.

The large windows of the chancel give a feeling that one is sitting outdoors. At the time of the main service, daylight floods down over the baptismal font from one window in the dark brick wall. The font is made of sandstone and is located in the opposite side of the sanctuary from the window. The kneeling stools in front of the benches are upholstered with sheepskin.



The catholic congregation in Malmo received a new main church in 1960. The exterior is mainly granite. The steeple is shaped as a cut-off cone. The top is a window from which light streams down towards the chancel. Solid oak doors lead into the sanctuary. The benches are in white and black. Light also comes in through the "peek-holes" in the walls that are notable from exterior as well as interior. Abstract stations-of-the-cross are in niches inside the church.

Connected with the church are assembly hall, nursery and School.

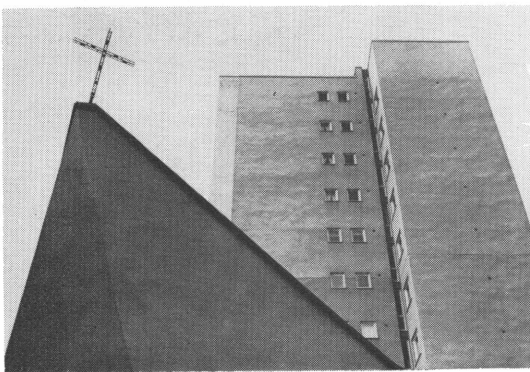
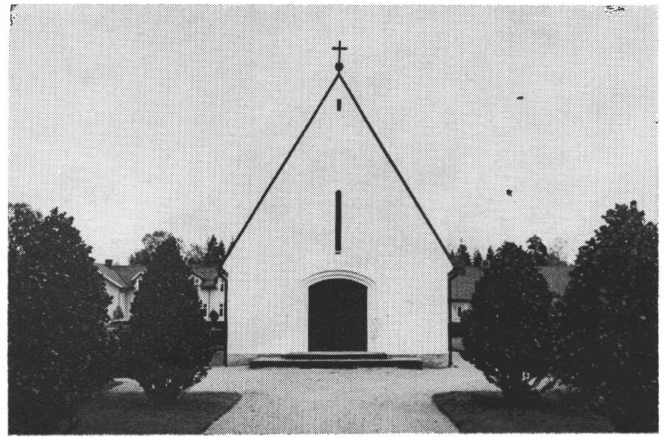


St. Andrews, Slottstaden's (Castletown's), church is another large parish church in Malmo. Building material is chalk stone and concrete. The concrete steeple rises high above the church. The sanctuary gets immense volume by the high ceiling which is also carried by concrete. Stained glass windows by Erik Ohlsson lend atmosphere to the side altars for christenings, weddings, and scheduled worship.

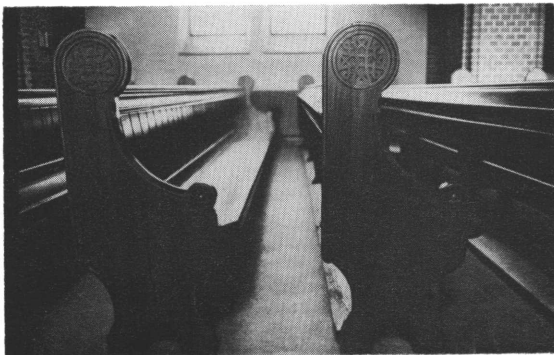


Slite's new church is the only modern church on the Baltic Island of Gotland. It is located on top of a lime stone hill above the community. The surrounding landscape is untouched and there are no other buildings on the hill. As should be, the church is made of limestone and has a wooden roof typical of Gotland — the timber placed from the ridge and downwards. The chancel is completely open with windows towards the sea.

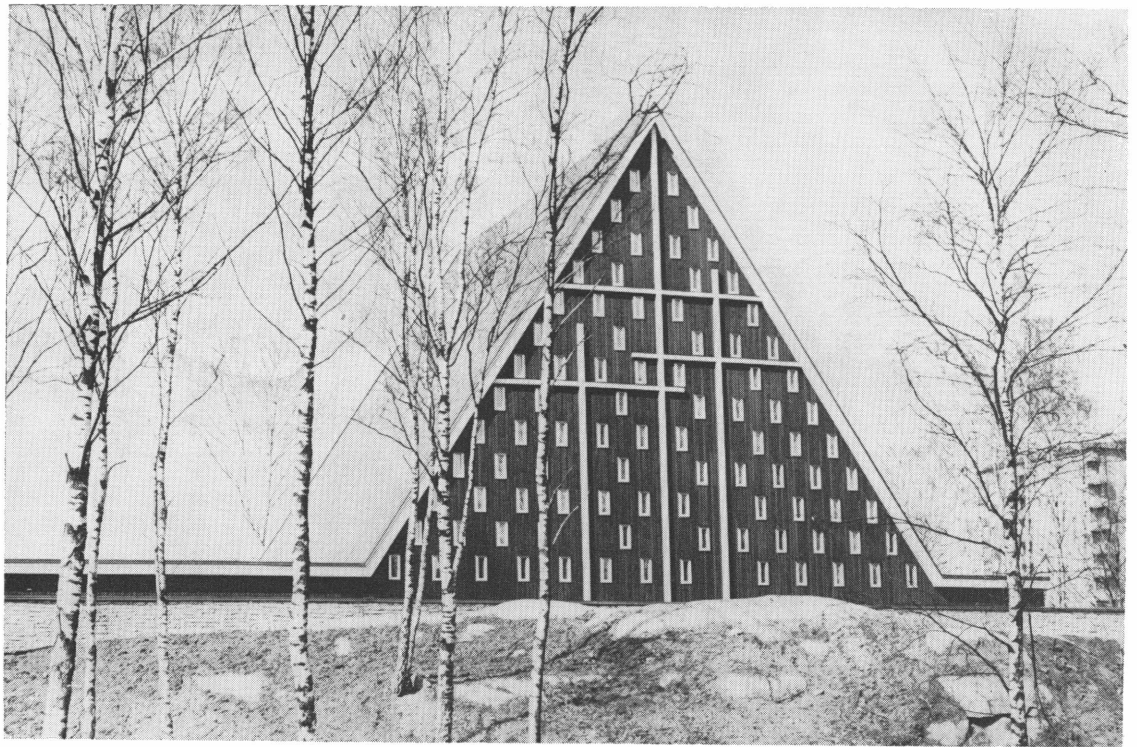
Completely contrasting to the large parish church is the little chapel, here represented with the small white-washed chapel at Svenljunga.



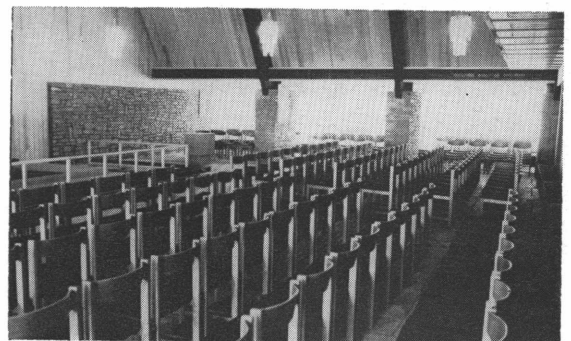
Suppressed between large apartment giants in Vallingby is a tiny Methodist church of reinforced concrete.

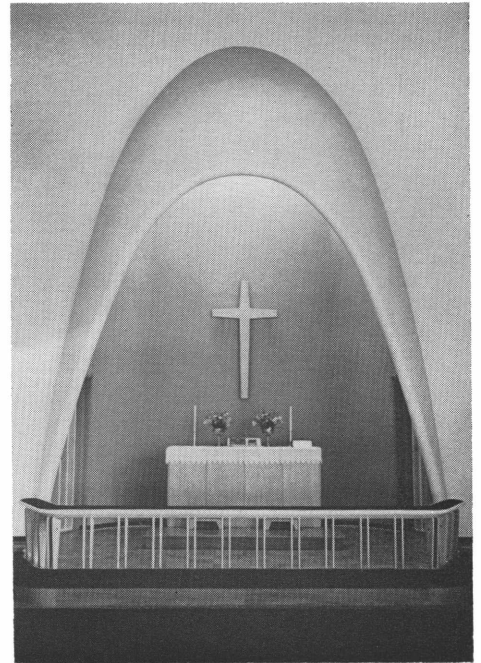
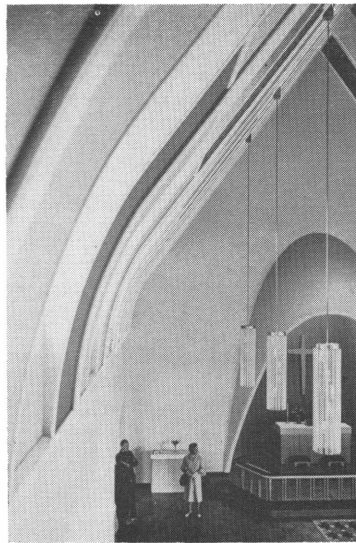


The sides of the benches in Gustav Adolfs church in Boras have the form of a praying person. The church is recently remodelled but the benches have been saved from an earlier time.

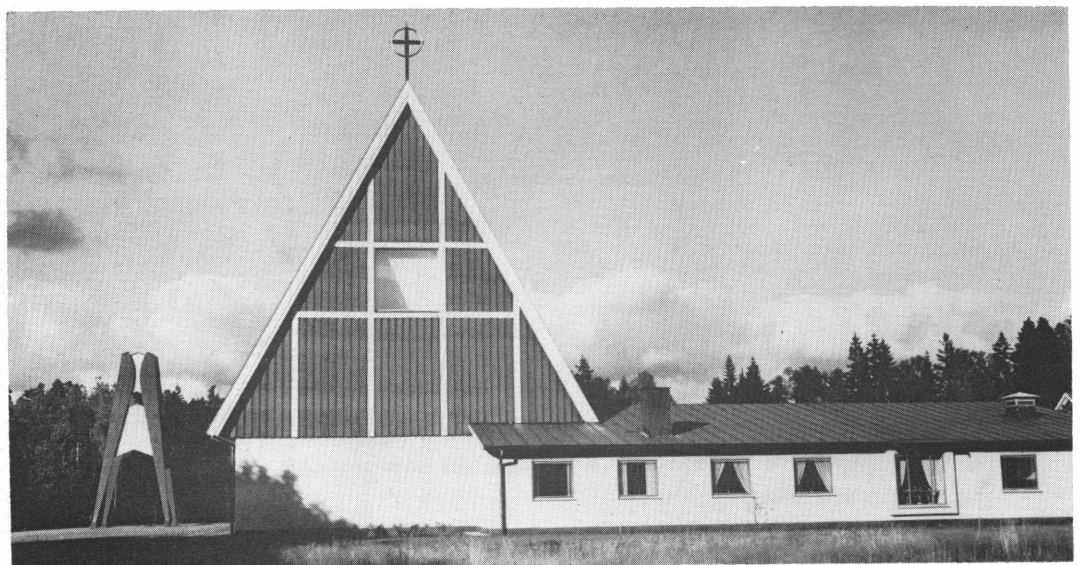


Sjöbo Church in Borås has the form of a triangle. The steeple is free standing (see cover). It is beautifully located surrounded by birches on a hill. The Church is made of wood and limestone and has a copper roof. The three crosses on the sides are also structural. In connection to the Sacristy and the wedding room is a protected atrium. The supporting crosses again appear in the interior as well as the limestone from Gotland.

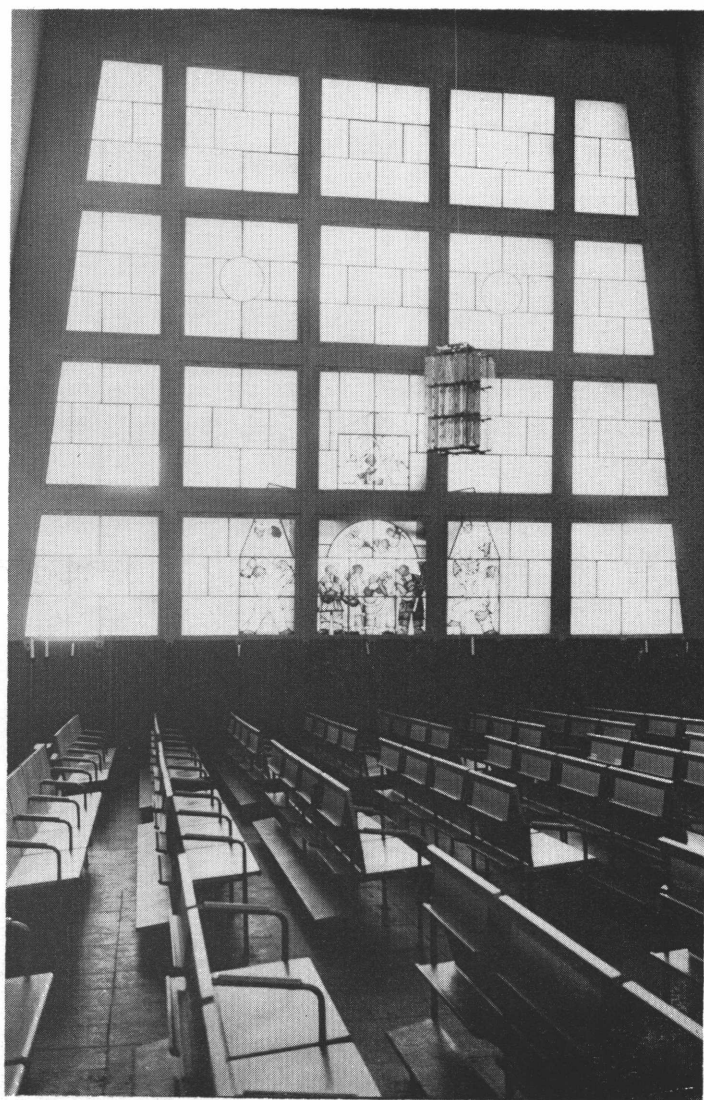
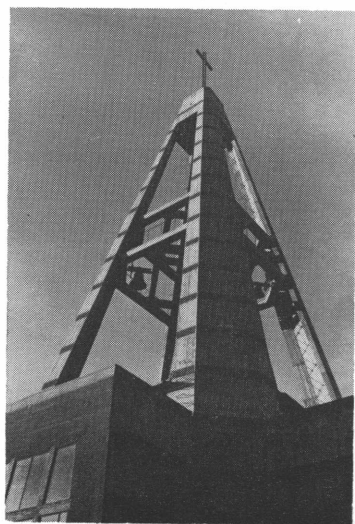




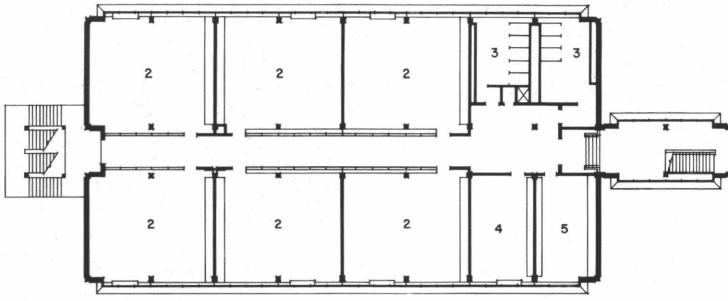
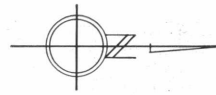
The church in Sandared is of the same character — triangular in shape — but here connected with assembly rooms. The Belltower is again separate. Light comes upon the altar from windows facing south, under the beautifully formed arch. The form of the chancel-arch is repeated by the inside walls. The ceiling is divided in three areas which have been covered with a synthetic fabric of pastel-shaded "Stigolon" of local manufacture.



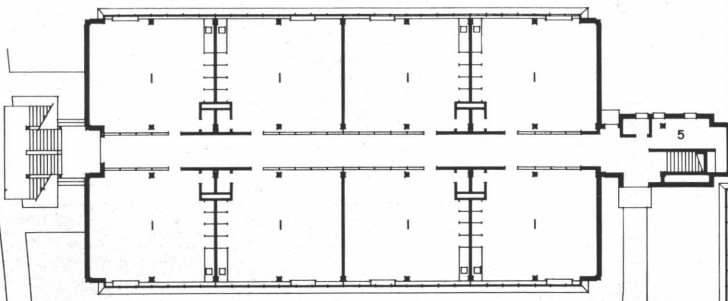
The Church in Oxelosund is unique. It is elevated above the town and the harbor on a mountain — which makes it a landmark from the sea. The entire church is of concrete and has an open bell-tower above the center of the sanctuary. The sanctuary has the shape of a cross.



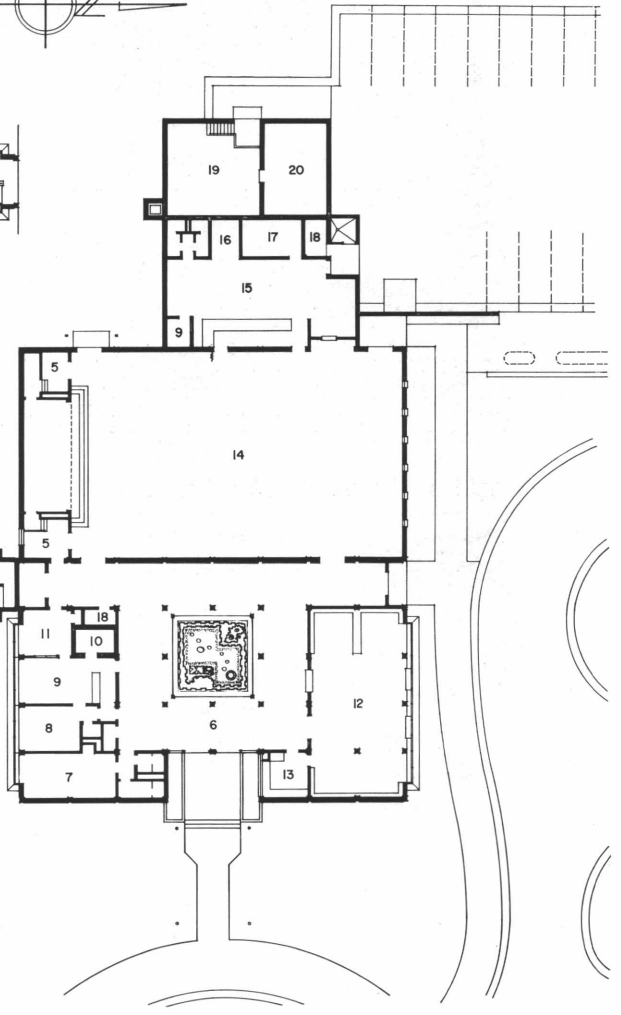
(The Southern Architect gratefully acknowledges receipt of this article from Charles M. Sappenfield, AIA.)



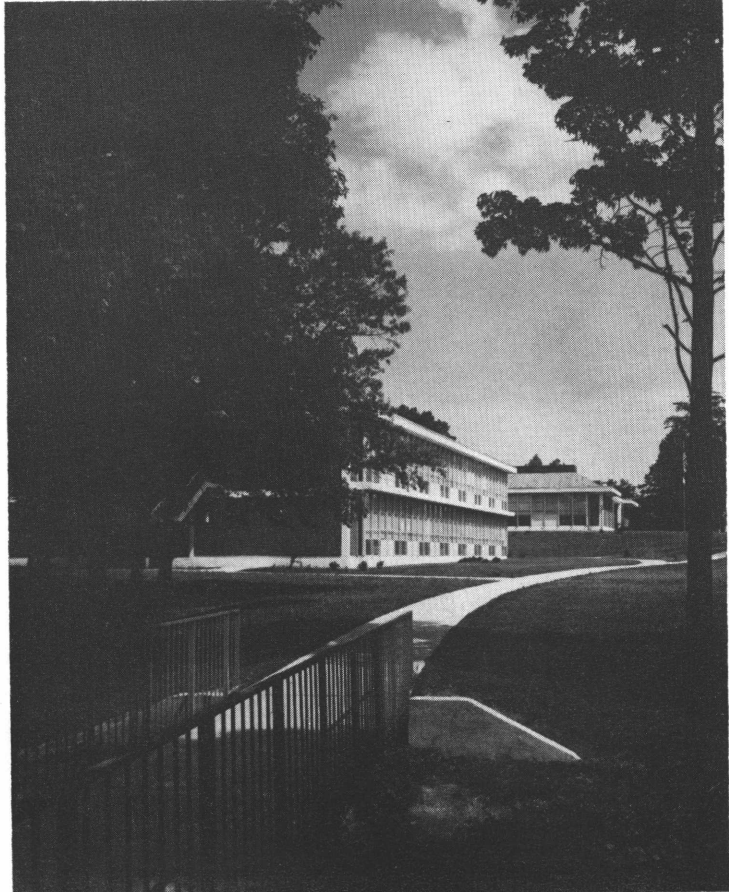
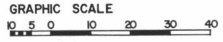
SECOND FLOOR PLAN



GROUND FLOOR PLAN



- 1. PRIMARY CR
- 2. ELEMENTARY CR
- 3. TOILETS
- 4. SPEECH THERAPY
- 5. STORAGE
- 6. LOBBY
- 7. TEACHERS LOUNGE
- 8. HEALTH
- 9. OFFICE
- 10. VAULT
- 11. PRINCIPAL
- 12. LIBRARY
- 13. WORK RM
- 14. CAFETERIUM
- 15. KITCHEN
- 16. REFRIGATOR
- 17. DRY STORAGE
- 18. ELECTRIC EQUIP.
- 19. BOILER RM
- 20. COAL STORAGE



KIRKMAN PARK HIGH SCHOOL

high point

architect:

**GUY E. CRAMPTON
& ASSOCIATES**

raleigh

general contractor:

R. K. Stewart & Son
high point

consulting engineers:

Owen & Amin
raleigh

landscape architect:

R. D. Tillson & Associates
high point



PHOTOGRAPHS BY GORDON H. SCHENCK, JR.

The Kirkman Park School is located in High Point, N. C. on a sloping, partly wooded site which was formerly a city park. It is designed to accommodate 400 students in Grades 1 to 6 with provision for expansion to accommodate an additional 120 students. The approximate area of the building is 32,700 square feet.

The loss by fire of an existing school which was serving this area made it necessary to design and complete construction of the school in eleven months.

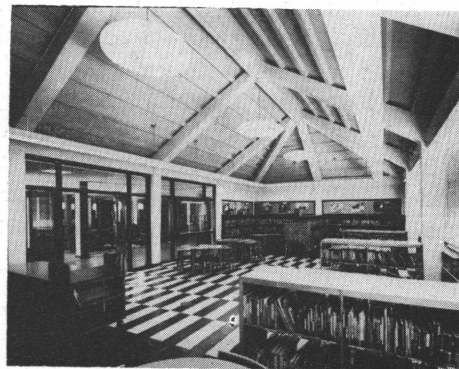
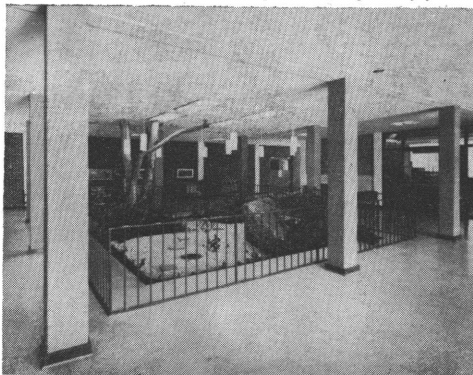
The wing containing the Library, Cafetorium and Administrative Area is located on a high, level area, allowing the use of slab on grade floor construction. The two-story classroom wing takes advantage of the sloping ground to the South by use of a "split level" connection.

The entrance lobby serves as a lobby for the Administrative Area, the Library, and the Cafetorium, as an exhibit space, and a lounge. Faculty and students enjoy and take pride in their development of the "rock garden" in the center of the lobby.

Exterior walls are aluminum projected windows with porcelain panels, and brick-and-block cavity walls. Floors are vinyl asbestos with terrazzo in the lobby and corridors. Ceilings are acoustical tile. Interior block partitions and millwork are painted.

Precast concrete is manufactured in this section of the state and was used entirely for the structural system.

Heating is provided by a coal-fired hot water system using unit ventilators. Lighting is generally supplied by fluorescent fixtures.





PEDEN STEEL OFFICE BUILDING

raleigh

PEDEN INDUSTRIES, INC.

raleigh

architect:

LEIF VALAND AND ASSOCIATES

raleigh

landscape architect:

Richard C. Bell

raleigh

general contractor:

Dickerson, Inc.

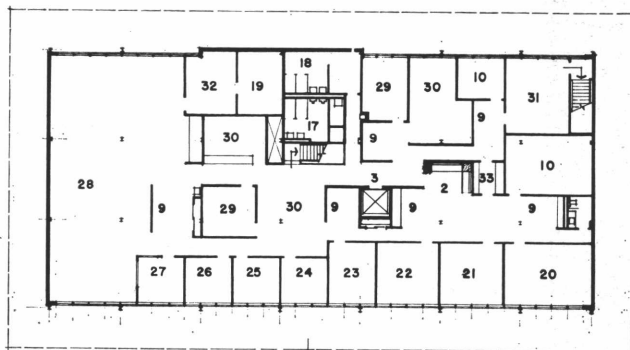
monroe

The Peden Steel Company had considerably outgrown its office and plant area near downtown Raleigh. The company needed office space near its new fabrication plant on Raleigh's North Boulevard for faster and better coordination of activities and desired space more commensurate with its continuing expansion as a major industry in the community. When property was purchased in Raleigh's North Industrial area, the owners saw to it that ample space was reserved for a new office building.

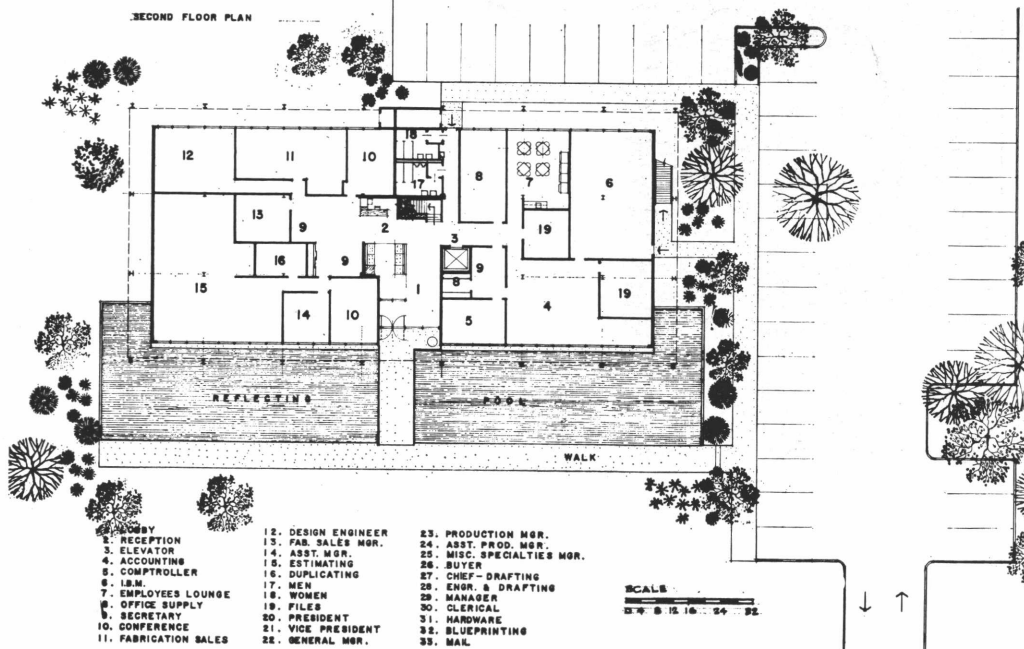
The Architects were commissioned to design an office building for the Administrative division of a steel fabricating and steel specialties company using structural steel and steel building products in an imaginative and esthetic way. Expressed steel includes exterior and interior columns, floor spandrels, vertical siding, roof fascia, and interior and exterior stairs. The floor and roof systems are metal decking on open web joists.

The two story building contains a total of 15,450 square feet, with 6800 square feet on the first floor and 8650 square feet on the second. A five foot overhang on each side and a ten foot roof overhang assists with sun control on the floor to ceiling grey tinted glass on both the southern and northern exposure. All areas are air conditioned, therefore, window venting was not used.

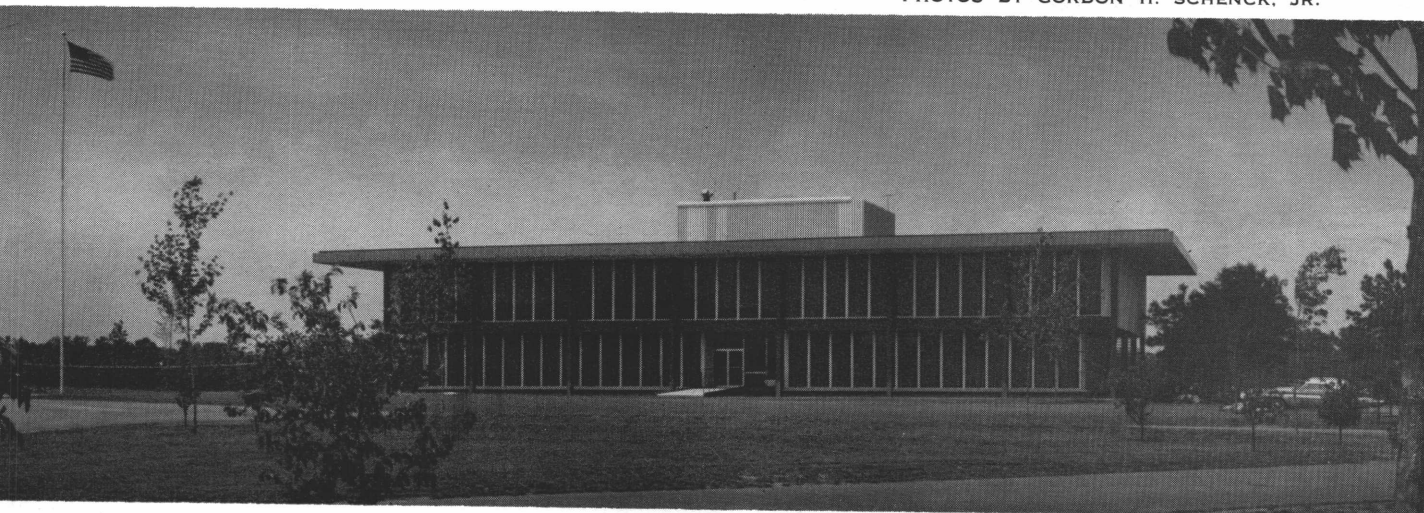
Carpeting was used in executive offices, reception area, other major offices and in I. B. M. Terrazzo was used in the lobby, all toilets received ceramic tile and in remaining areas, vinyl asbestos was installed. A mineral acoustical tile ceiling was used throughout and interior partitions are light weight concrete block — painted, except for executive, stairwell, and reception areas. These spaces are finished in walnut and cherry plywood and 12" cork squares. Precast vertical panels of white exposed aggregate were used on the exterior east and west side from the second floor upward.



SECOND FLOOR PLAN

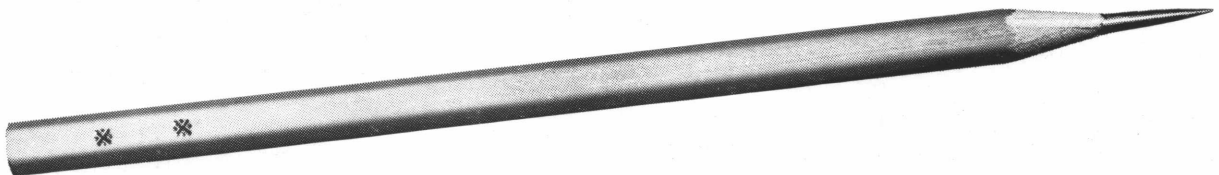


PHOTOS BY GORDON H. SCHENCK, JR.



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?

☐ Steel ☐ Wood ☐ Concrete ☐ Glass ☐ Masonry



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. Contact the PPG office nearest you. Pittsburgh Plate Glass Company, Pittsburgh, Pa. 15222. **PPG makes the glass that makes the difference**



**NCAIA SPONSOR FOR APPRENTICE
BRICKLAYING CONTEST**

Forty or more young North Carolina bricklayer apprentices are expected to compete for prizes and trophies in the 11th annual Apprentice Bricklaying Contest to be held at the State Fair in Raleigh.

The contest will start at 10:00 a.m. Friday, October 16, and will be held in an open fairway north of the Fair's Industrial Building.

The N. C. Chapter, American Institute of Architects, is one of the leading sponsors of this annual contest, which is held to stimulate public interest in the training of young people in the skilled crafts and trades.

M. McDowell Brackett of Charlotte, Public Relations Chairman of the N. C. Chapter, AIA, is a member of the contest steering committee, which met Sept. 2 in the office of N. C. Labor Commissioner Frank Crane to plan this year's bricklaying contest.

Brackett said the contest will be limited to apprentices registered under the State Apprenticeship Training Program, who have completed not more than 4,000 hours of their training.

One of the judges for the event will be an official of the N. C. Chapter, AIA, Brackett said. Other judges will include distinguished building and masonry experts.

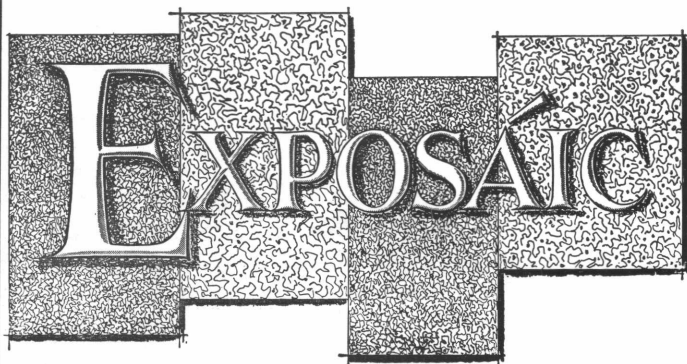
The Champion bricklaying apprentice selected by the judges will be awarded a \$200 bond and an engraved trophy. \$100 and \$50 prizes will be awarded the second and third place runners-up.

Brackett said the Champion also will be awarded a Certificate of Merit from the N. C. Chapter, AIA.

RALEIGH COUNCIL ELECTS NEW OFFICERS

At the regular monthly meeting of the Raleigh Council of Architects held at the YMCA on Thursday, September 10, the following were elected to serve as officers for the coming year: President, Ralph B. Reeves, Jr., AIA; Vice President, Gilbert M. Slack, AIA; Secretary, William H. Sigmon, AIA; Treasurer, Bosworth C. Beckwith, AIA. Directors for the year include Jesse M. Page, Jr., AIA, G. Milton Small, FAIA, Turner G. Williams, AIA, and William W. Dodge III, AIA. Jesse M. Page, Jr., AIA, is retiring president of the Council.

Specify



Precast Aggregate Panels

By

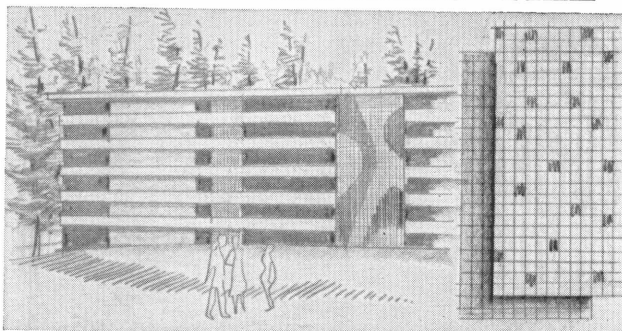
DIXIE EXPOSÁIC, INC.

P. O. BOX 926

MOUNT AIRY, N. C. 27030
TELEPHONE 786-8338

for your question about

CERAMIC TILE



RENFROW HAS THE ANSWER

Complete line of SUNTILE products

- Tile for Floor & Walls Interior & Exterior
- Solar Walls Panels
- Epoxy Adhesives & Grouts
- Suntile Custom Designs
- New, Exciting Ceratile Patterns

Suntile Research . . . your guarantee of quality

RENFROW DISTRIBUTING COMPANY

1822 Sunnyside Ave., Charlotte, N. C. Phone ED 4-6811

"EQUATION FOR EXCELLENCE"

Theme of South Atlantic Regional Conference

The South Atlantic Regional Conference of the American Institute of Architects will be held in Greenville, South Carolina, October 29-31. The Conference, whose theme is "Equation for Excellence", will address itself to several factors affecting architectural excellence through such panel discussion topics as "The Architect in the Community", "Marketing the Services of Architects", "Office Management and Organization", and "Project Case Studies" which will explore through the "case method" how those several areas of interest discussed earlier have been cemented together to contribute to the success of actual significant architectural projects.

The speakers for these sessions have been selected from across the country and abroad for their contributions toward professional excellence. Some of these are: Lawrence B. Perkins, FAIA; Morris Ketchum, FAIA; A. G. Odell, FAIA; John Parkin, FAIA; Buford Pickens, AIA; Harlan E. McClure, FAIA; Herbert Swinburne, FAIA; D'Orsey Hurst, Glen White, Samuel Spencer, and others.

The exhibiting firms will be given a party on Wednesday evening, October 28, sponsored by the Conference Committee; and later three of their exhibits will be singled out for recognition through the awarding of certificates for design excellence.

The Honor Awards program, in keeping with past tradition, will have a prominent place on the program. The various project entries will be judged on the basis of design excellence but within three cost categories.

The Conference Committee also is preparing one of the most comprehensive social programs ever to be presented for a regional conference. There will be an "Architects at Home" on the evening of the 29th for architects and exhibitors; Honor Awards Dinner and Dance on the evening of the 30th, and Saturday, the 31st, will be set aside with a full schedule of activities such as a golf tournament, a visit through the School of Architecture at Clemson and an informal party on Saturday evening.

The ladies activities will include a Halloween Mad Hatter's Luncheon, a tour of the Bob Jones University Art Museum; tours of outlet stores, antique shops and fabric shops; coffee party; Celanese Fabrics fashion show of Paris designed clothes; and other varied activities.

When the conference is convened on the first day, W. E. Freeman, Jr., AIA, Regional Director from Greenville, will present a regional report, followed by a special report from the South Carolina State Educational Finance Commission, presented by Dr. W. Broadus Southerlin.

As a special event during the first morning, Ulrich Franzen, the noted architect from New York, will show examples of his recent work which has

included award winning residences, as well as several larger projects.

The luncheon on the first day will feature as speaker The Honorable Robert E. McNair, Lt. Gov., State of South Carolina; and the afternoon will begin with the keynote address by Lawrence B. Perkins, FAIA, of Chicago, who will speak on "Equation for Excellence".

Subsequent sessions will move from the general to the particular and the conference moderator, Dean Harlan E. McClure, FAIA, of the Clemson University School of Architecture, will direct the Conference toward this objective. For example, the session entitled "The Architect in the Community" is of a general nature and will deal with methods by which the Architect can take a more vital and responsible role in community affairs.

Still of a general nature but somewhat more specific is the session entitled "Marketing the Services of Architects". This session will examine how we can best improve our firms' business development programs.

"Office Management and Organization" will feature three experts (two management consultants and the attorney for the National AIA) who will discuss office procedures and methods for effectively improving quality and production efficiency. An introduction to the Critical Path Method (CPM) will also be presented.


The last session entitled "Project Case Studies" will wrap up much that has been said earlier by showing how particular projects of relatively small scope and in which the full range of conference components played a vital part in producing superior architecture.

Mr. Buford Pickens of the University of Washington at St. Louis will provide a Conference summary at the breakfast on Saturday morning before the social events of the day are begun.

Each architect in the region will gain measurably by attending this conference. It is being keyed to the smaller and medium sized firms which predominate in our region. Design, community relations, marketing architectural services and office management and organization are aspects of our craft with which we are dealing on a day to day basis. It, therefore, seems fitting that our Conference be particularly concerned with these matters and be directed toward their better understanding.

beautiful practical
ceramic tile

mid-state tile co.
Lexington, North Carolina



Delph

HARDWARE & SPECIALTY COMPANY



**MATERIAL
SUPPLIERS**



Charlotte, N. C.
Raleigh, N. C.
Columbia, S. C.
Greenville, S. C.

SOUTHERN ELEVATOR COMPANY

**A North Carolina Owned
& Operated Corporation**

**MANUFACTURERS OF
PASSENGER & FREIGHT
ELEVATORS-
CABLE OR HYDRAULIC**

MAIN OFFICES & PLANT
GREENSBORO, N. C.

BRANCH OFFICE
CHARLOTTE, N. C.

For beauty and permanence . . .

BORDEN

FACE BRICK

BUILDING BRICK

STRUCTURAL TILE

DRAIN TILE



Borden
BRICK & TILE CO.

GOLDSBORO

RE 4-3771

DURHAM

SANFORD



CAROLINAS' CHAPTER

THE PRODUCERS' COUNCIL, INC.

Allied Chemical Corp.
Aluminum Company of America
Amarlite Corp.
American Air Filter Corp.
Armstrong Cork Company
Azrock Floor Products Division
Barber-Coleman Company
Caloric Appliance Corp.
Cambridge Tile Manufacturing Co.
C. F. Church—Division
Congoleum-Nairn, Inc.
Crawford Door Company
Cupples Products Corp.
Duke Power Company
Dwyer Products Corp.
Michael Flynn Mfg. Company
Formica Corp.
Georgia-Pacific Corp.
Hillyard Chemical Company
Hough Manufacturing Co.
Inland Steel Products Company
Johns-Manville Sales Corporation
Kawneer Company

Norman D. Goss
John Gill
James R. Carter
Kirk Cousart
Walter Koenig
Joe L. Funderburke
S. Edward Jordan
Maxson Betts Co.
W. G. "Bill" White
Lawrence E. Irvine
Allison-Erwin Company
Crawford Doors Sales Co., Inc.
Edwin C. Boyette & Son, Inc.
T. M. Patrick, Jr.
Clark Distributing Co.
General Specialties, Inc.
Faison Kuester
Kermit L. Mann
Ralph L. Jones
Andy Turner
Connor B. Stroup
Wm. A. Lee, Jr.
Robt. W. Aiken

LCN Closers, Inc.
Libbey-Owens-Ford Glass Company
Mastic Tile Division
Benjamin Moore & Company
MO-SAI Institute, Inc.
Natco Corporation
Natco Corp.
National Gypsum Company
New Castle Products, Inc.
Delph Hardware & Specialty Co.
North Carolina Concrete Masonry Association
Northrup Architectural Systems
Otis Elevator Company
Owens-Corning Fiberglass Corporation
Piedmont Natural Gas Company
Pittsburgh Plate Glass Company
H. H. Robertson Company
Sargent and Company
Stanley Works
Unistrut Products Company
United States Plywood Corporation
Universal Rundle Corporation
Vermont Marble Company
Zonolite Company

L. E. "Woody" Atkins, Jr.
Robert C. Bainbridge
Van Williams
William Wilson Brown
F. R. "Butch" Krulish
James F. Traylor
W. Fred Casey Co.
Acoustics, Inc.
Andrew L. Clement
H & S Lumber Co.
R. Reagan Warren
Ray L. Loflin
Ted Ballenger
John R. Howard
Perry S. Hudnell
Hal Owen
R. D. Ghezzi
Mill-Power Supply Co.
Bruce F. Laing
Jack D. Ruhl
David Baldwin
E. G. Vincent

CONSULT AN ARCHITECT

AN EXPLANATION OF THE NORTH CAROLINA ASSOCIATION OF PROFESSIONS

NCAP type organizations are designed to protect and promote professionalism.

One way they do this is by action: (a) against legislation which would permit third party control from whatever source — labor, business, government, farming or industry — over the professions; (b) in support of legislation which serves to encourage private practice and support professional attributes of professional persons in employed practice.

Secondly, NCAP type organizations jointly promote educational efforts to obtain student interest in professional careers as well as to advise secondary schools and colleges on curricula development to better serve the professions.

Third, use is made of all communication media to tell the public why professional people do what they do in the way that they do it and why that way is in the public interest. Joint effort of the professions in presenting TV, Radio and other public presentations has proven very acceptable to avenues of communications media.

Fourth, NCAP type organizations develop understandings and knowledges of the professions, each to the other, among the several professions by way of inter-professional meetings, the annual one is called the Congress of the Professions — and by a Journal of the Professions.

Fifth, NCAP type organizations have business services designed to aid individual professional people to obtain savings through group purchasing, such as Group Term Life Insurance, Group Major Medical Insurance, Group Disability Insurance, Group Pension-Trust Plans, etc. These can be maintained when several professions are together, when many individual professions or professional persons could not otherwise obtain them.

NCAP type organizations represent the professional segment of society to balance representation of other segments of society represented by such organizations as NAM for industry, U. S. Chamber of Commerce for business, AFL-CIO for labor, Farm Bureau for farming. It is necessary that one organization be able to present basic thinking of the professional segment of society as these organizations do for their segments.

In organizing NCAP type organizations it is mandatory that at least five state professions agree to join together and it is necessary, organization wise, to have individual membership as well. Individual members are qualified for NCAP membership by membership in their individual state professional societies.

ACCOMPLISHMENTS OF THE MICHIGAN ASSOCIATION OF PROFESSIONS

by Hugh W. Brenneman

The Michigan Association of the Professions was organized on December 1, 1958.

Leaders of the five Charter professions met and agreed to form an association so that all professions might work together for their mutual benefit. Delegates and alternates appointed by the Boards

of Directors of the individual state professional societies worked out the organizational details, by-laws, administrative lines, membership qualifications, etc. The state professional societies represented at these meetings included the Michigan Society of Architects, the Michigan Society of Professional Engineers, the Michigan State Dental Association, the Michigan State Medical Society and the State Bar of Michigan.

Growth was inevitable. Individual membership climbed quickly — first one, then two, then three thousand, and the number stabilized at over 3,500. State organization membership applications were received and after studied deliberations new professions were added — first veterinary medicine, then pharmacy and education. 89,000 professional people are members of MAP state organizations. Still other professions are being considered. Other states heard the story, first New York, North Carolina and Florida, then Texas followed the MAP pattern. Others are thinking, talking, evaluating, meeting — in order that they, too, can follow suit.

MAP is governed by a Board of Directors. On that Board recognition rather than control is accorded those professions having larger numbers of individual members. MAP by-laws provide that the Board of Directors of each State Organization member designate two of its members, who are also members of MAP, to serve as Directors on the MAP Board. In addition to those thus provided Directors are elected at the MAP Annual Meeting. Of these not more than three, nor fewer than one, can be members of any one of the professions.

The purpose of MAP is "to devise ways and means of better utilizing the professional heritage of knowledge and skill for the benefit of society and to create relations between the professions looking toward that end." MAP was created to provide the organizational machinery whereby the combined strength and counsel of all professions could be utilized for the advancement of professional ideals and the promotion of professional welfare thus strengthening the traditional rights and privileges of each profession and, at the same time providing more effectively to the people adequate professional services based on skill and integrity. The close relationships between members of the professions puts the professions in the same role of "molders of public policy" as business, farming and labor.

MAP has proved that it can affect legislation, inform the public, serve the economic interests of professional people and improve interprofessional relations. Representative of the high calibre of its work is the MAP MONITOR, a journal of the professions issued monthly, and four highly successful Congresses of the Professions — MAP's annual meeting. The last Congress presented among 36 outstanding speakers, the presidents of each of the national associations whose profession is represented in MAP plus two United States senators, a former and present governor of Michigan and some of the top speakers and authorities in the nation in matters pertaining to professional work.

**beautiful
practical**
ceramic
tile

mid-state tile co.



anywhere!



. . . FOYER, KITCHEN, POOLSIDE, GARDEN, RECEPTION AREA, BATHROOM.

Anywhere, any wall, any floor . . . ceramic tile by Mid-State is a basic consideration. Your clients will appreciate the unmatched beauty and practical, lifetime durability. Mid-State offers a variety of sizes and shapes in a wide range of colors. See the Mid-State catalog in Sweet's or write for your free copy. Mid-State is your complete source of supply with the Lexington plant and Charlotte warehouse providing prompt delivery and efficient service.

mid-state tile co.

POST OFFICE DRAWER 627 • LEXINGTON, NORTH CAROLINA • TELEPHONE 246-5915



NCAIA FALL MEETING ANNOUNCED

The Fall Meeting of the North Carolina Chapter of The American Institute of Architects will be held at the Mid Pines Club, Southern Pines, North Carolina, on Saturday, October 10th, at 10:30 A.M.

This will be a one-day meeting for the purpose of electing officers and directors of the Chapter to serve for 1965. Also to be considered will be a proposed revised by-laws for the Chapter. A number of new Corporate, Professional Associate and Associate Members will be inducted and welcomed into the Chapter at this meeting. Arrangements have been made for a dutch luncheon at the Club.

The Executive Committee of the Chapter will hold a meeting at the Club on Friday evening, October 9th, at 8:00 P.M.

EAST CAROLINA COUNCIL OF ARCHITECTS HOLDS MEETING

The Eastern Carolina Council of Architects met on Friday evening, September 18, in Goldsboro. R. Mayne Albright, attorney for the N. C. Chapter AIA and the N. C. Board of Architecture was speaker for the occasion, and discussed various legal aspects of the practice of architecture. Conrad B. Wessell, Jr., AIA, and Billy Griffin, AIA, were hosts for the dinner meeting. Warren E. Hargett, Jr., AIA, is president of the Council. It was announced that the next meeting would be in Lumberton on November 20 with Elizabeth Lee, AIA, hostess.



When architects, contractors and other building specialists specify genuine SANFORD brick, they know they can rely on the *quality* that has earned an international reputation for the Sanford Brick and Tile Company. Strict quality control from clay to completion . . . a choice from more than 225 colors, textures, sizes and finishes . . . and careful shipment by train or truck are some of the important reasons *you* will benefit by specifying brick from the "Big S" kilns for your next building project.



SANFORD BRICK AND TILE COMPANY

SANFORD, NORTH CAROLINA

Mc Devitt & Street Company

GENERAL CONTRACTORS

145 Remount Road

Charlotte, North Carolina



*Over 35 Years Continuous Experience in
General Construction in the Southeast.*



Mr. Strut Says

"UNISTRUT!"
THE ULTIMATE IN METAL
FRAMING

CONCRETE INSERTS
MOVABLE PARTITIONS
CONDUIT & PIPE SUPPORTS
TUNNEL STAUNCHIONS

ULTRA CLEAN ROOMS
DATA PROCESS FLOORS
CABLE TRAY
EQUIPMENT SUPPORTS"

FOR INFORMATION
CALL

Mill-Power Supply Co.

WHOLESALE DEPT.

300 WEST FIRST STREET
CHARLOTTE, N. C.

375-5761

TWX 704-525-1024

ETOWAH BRICK

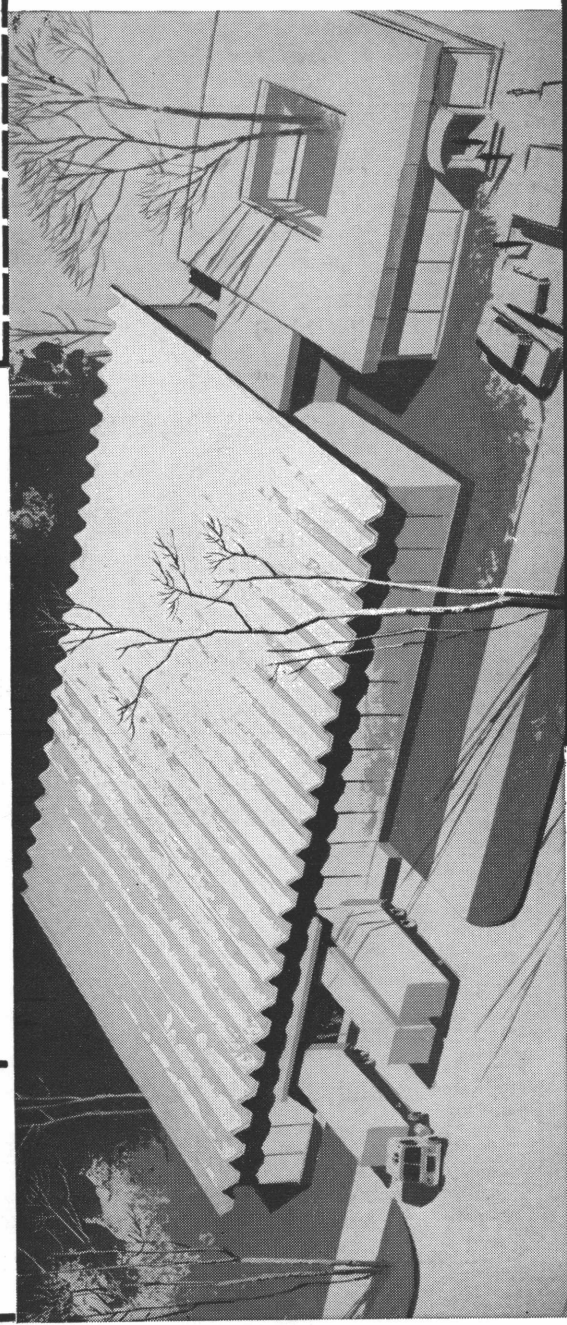
IN

- ◆ Red Face
- ◆ Buff Face
- ◆ Colonial Sand Finish Red
- ◆ Colonial Sand Finish Sea Island Pink
- ◆ Colonial Sand Finish Peach Blossom

THE MOLAND-DRYSDALE CORP.

HENDERSONVILLE, N. C.

TEL. OX 3-6561



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.

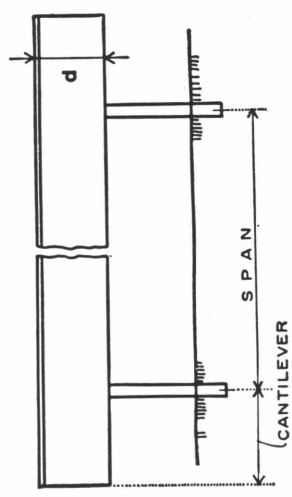
The ability of folded plates to cantilever can be applied advantageously in the design of schools, stores and hangars.

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

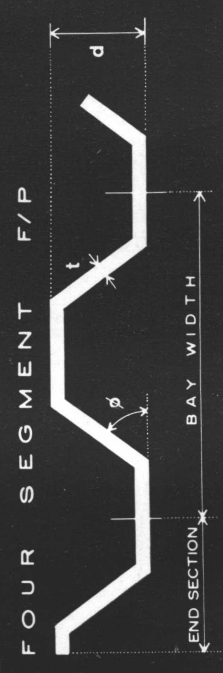
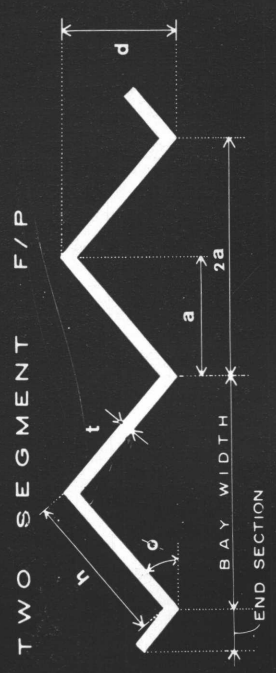


Sufficient cantilever can help to counterbalance the span. The usual span-to-depth ratio varies from 1:10 to 1:15. Example: If span is 40' long, the usual minimum depth is about $\frac{40}{10}$ or 4'.

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

SPAN	ϕ^*		min.	max.	d	min.	2a	(1)	(2)	(3)
	max.	45°	25°	4'-0"	2'-9"	15'	4"	1.2-1.6		
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			
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



ARCHITECTURAL METALS

Blumcraft of Pittsburgh
(See our ad on page 6)

J. D. Wilkins Company
(See our ad on page 2)

ARCHITECTURAL PHOTOGRAPHY

Mitchell's Studio
(See our ad on page 28)

BRICK

Borden Brick & Tile Company
(See our ad on page 21)

Brick & Tile Service
(See our ad on back cover)

Moland-Drysdale Corporation
(See our ad on page 25)

Sanford Brick & Tile Company
(See our ad on page 25)

BUILDER'S HARDWARE

Delph Hardware & Specialty Company
Charlotte, N. C., Raleigh, N. C., Columbia, S. C.,
Greenville, S. C.
(See our ad on page 21)

BUILDING MATERIALS

The Producers' Council, Incorporated
(See our ad on page 21)

CONCRETE

Portland Cement Association
(See our ad on page 26)

CONCRETE FACINGS, PRECAST

Dixie Exposaic, Inc.
(See our ad on page 19)

CONCRETE MASONRY UNITS

Mabie-Bell Schokbeton Corporation
(See our ad on page 28)

CONCRETE, PRECAST STRUCTURAL

Solite Corporation
(See our ad on page 5)

CONTRACTORS, GENERAL

McDevitt & Street Company
(See our ad on page 25)

ELECTRICAL SUPPLIES & EQUIPMENT

Mill-Power Supply Company
(See our ad on page 25)

ELEVATORS

Southern Elevator Company
(See our ad on page 21)

GLASS

Pittsburgh Plate Glass Company
(See our ad on page 18)

LAMINATED WOOD STRUCTURES

Koppers Company, Inc., Unit Structures
(See our ad on page 29)

SOIL BORINGS

Ezra Meir & Associates
(See our ad on page 28)

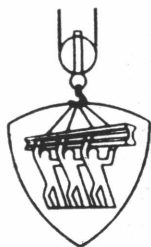
TILE, CERAMIC

Mid-State Tile Company
(See our ad on pages 20, 23, 24)

Renfrow Distributing Company
(See our ad on page 19)

IT'S BETTER! SCHOKBETON

PRECAST CONCRETE



Mabie Bell

P. O. Box 1558,
Greensboro, N. C.
Telephone 299-6122

SCHOKBETON CORP.

Members of
Producers' Council, Inc.
North Carolina Design
Foundation
The Clemson Architectural
Foundation

Agents for GRANUX

In architectural photography we excel in one thing: excellence.

Mitchell

Studio of
Photography

NORTH HILLS

RALEIGH

787-1482

Ezra Meir & Associates

709 W. Johnson St.

Raleigh, N. C.

Phone TE 4-8441



- Soil Testing
- Rock Coring
- Laboratory Analysis
- Undisturbed Samples with Hollow Stem Auger
- Field Testing and Reports

CALENDAR OF EVENTS

SEPTEMBER 24; OCTOBER 22:

Greensboro Registered Architects,
Ivanhoe's Restaurant
Walter E. Blue, Jr., AIA, President

SEPTEMBER 29; OCTOBER 6, 13, 20:

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

OCTOBER 7: Charlotte Section of N. C.

Chapter, AIA,
Stork Restaurant No. 2
Charles H. Wheatley, AIA, President

OCTOBER 7: Durham Council of Architects,

Harvey's
James A. Ward, Acting President

OCTOBER 8: Raleigh Council of Architects,

YMCA, 12:15-1:30
Ralph B. Reeves, Jr., AIA, President

OCTOBER 9: NCAIA Executive Committee Meeting,
8:00 P.M.

Mid Pines Club, Southern Pines

OCTOBER 12: Winston-Salem Council of Architects,

Reynolds Building Restaurant
Kenneth B. Jennings, AIA, President

OCTOBER 15: Deadline for material for October
issue

JANUARY 21-22-23, 1965: NCAIA Winter Meeting

Jack Tar Hotel, Durham

N. C. CHAPTER AIA FALL MEETING
MID PINES CLUB

SOUTHERN PINES, N. C.

OCTOBER 10
10:30 A.M.

SOUTH ATLANTIC REGION AIA
BIENNIAL MEETING

JACK TAR POINSETT HOTEL
GREENVILLE, S. C.
OCTOBER 29-30-31

UNIT LAMINATED SOUTHERN PINE STRUCTURAL MEMBERS

Arches ■ Beams ■ Trusses ■ Deck



Asheville Country Day School, Asheville, N. C. Architect: J. Bertram King;
Contractor: Merchant Construction Company (both in Asheville).

Shell Service Station, 3-bay ranch type. Located in Raleigh, N. C.
Contractor: William Myatt, Raleigh.



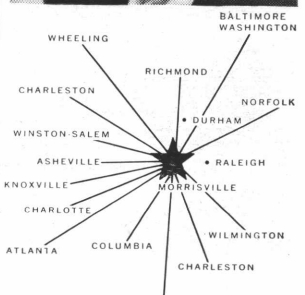
beauty comes naturally WITH UNIT LAMINATED WOOD

... and so does economy. With glued laminated construction, the charm and beauty of wood can be achieved at moderate cost. Unit laminated wood offers wide latitude. It can be shaped to any form to create fresh, practical concepts in building design. Other advantages: fast erecting, only few special trades necessary, delivered pre-finished to job site.

Unit facilities right in heart of Southern Pine Country—with the raw material literally in its backyard, the Unit plant in Morrisville, N. C. can quickly transform your design ideas into structural reality. And Unit's own truck fleet delivers the finished product to the jobsite quickly—overnight, or sooner to areas shown at right.

Contact our Charlotte, N. C. Sales Office for cost data, product use consultation, or other information. An experienced staff will give you the answers, keyed to technical conditions in this area. **Phone: Area Code (704) 333-9292**

Harry C. Booker, District Sales Manager,
Charlotte, N. C.



Plant: Morrisville, N. C.
District Office: Charlotte, N. C.



UNIT STRUCTURES
FOREST PRODUCTS DIVISION
KOPPERS COMPANY, INC.
P. O. Box 10344 ■ Charlotte, N. C.



Excite your imagination with the new construction techniques used in *the modern brick floor*. This newest trend introduces floors that are as practical as they are beautiful. They go wherever you plan them . . . spreading warmth, color and texture wherever you place them. And the cost is usually less than that of ordinary flooring. Your brick supplier has complete details. Contact him soon.



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