1956

JUNE

TEXAS AR(HITE(T

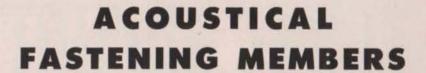
OFFICIAL PUBLICATION OF THE TEXAS SOCIETY OF ARCHITECTS

IN THIS ISSUE

- Architects Bring Beauty To Industry
- ♦ False Economy In The Schoolhouse
- Church Seminar
 In Dallas



Unit "A" of the Trinity Methodist Church at Beaumont has been selected by members of the Southeast Chapter, AIA as representative of recent work in the Chapter area. Architects: Livesay & Livesay, TSA-AIA, Beaumont.



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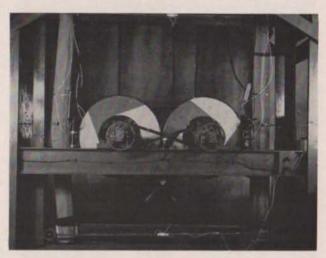
Is Indicated by the Results of ...

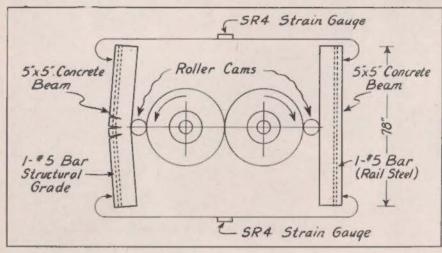
Impulse Tests of Concrete Beams At Carnegie Institute of Technology

PHOTO AT INSTANT

Exposure 1/200 Second

Showing results of identical thrusts, concentrated at center of span, in less than 1/20th second.



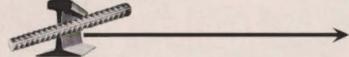


SCHEMATIC DRAWING OF METHOD OF TEST

Flywheel speed — 167 r.p.m.

Roller cams were released simultaneously by a trigger.

For the complete story, see article by F. T. Mavis and F. A. Richards on "Impulse Testing of Concrete Beams" in Sept. 1955 issue of Journal of the American Concrete Institute



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THE TEXAS ARCHITECT

VOLUME 7

JUNE, 1956

NUMBER 2

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Official Publication of THE TEXAS SOCIETY OF ARCHITECTS The Texas Regional Organization of The American Institute of Architects David C. Beer, AIA-TSA 1200 Bissonnet, Houston Editor John G. Flowers, Jr. Managing Editor Perry-Brooks Building, Austin Clark, Kirksey & Company Editorial Counselors 1731 Bissonnet, Houston PUBLICATION BOARD David C. Baer, Chairman, TSA-AIA Houston Lee R. Buttrill, TSA-AIA Beaumont Max Brooks, TSA-AIA Austin Dallas Terrell R. Harper, TSA-AIA Albert S. Golemon, TSA-AIA Houston Nolan Barrick, TSA-AIA Lubbock Edward L. Wilson, TSA-AIA Fort Worth TEXAS SOCIETY OF ARCHITECTS OFFICERS R. Max Brooks President

203 Perry-Brooks Building, Austin

J. MacKie Vice-President Fred J. MacKie 2713 Ferndale, Houston Reginald H. Roberts Second Vice-President 2600 McCullough, San Antonio Secretary-Treasurer Louis F. Southerland 602 West Avenue, Austin John G. Flowers, Jr.

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FALSE ECONOMY IN THE SCHOOLHOUSE

A number of architectural publications have editorialized recently on the false economies inherent in failing to use full architectural services in school construction and remodeling. A particularly compelling argument is that odvanced by Douglas Haskell of the ARCHITECTURAL FORUM.

We quote Mr. Haskell:

"Of course there is no money to waste, but many economy proposals lose more at the bung than they sove at the spigot. Architects' fees, for instance, have been the target of excited citizens' meetings weak in arithmetic.

"Figure this: (the physical school plant) costs a scant 15% of the annual school budget, and half of this is operation and maintenance, leaving 8% for construction.

"Consequently, if you cut the architects' fee from, say, 6% to 5%, you have achieved a net annual saving of just 0.08% or 8/10,000 in the education of your children. Is that worth the battle?"

Mr. Haskell then points out that penny-pinching, which fails to make it possible for the architect to pay his men for a really first-class job, may cost mony times the saving.

When industry wants to achieve a cut in casts without a corresponding loss in quality, Mr. Haskell states, "they pay experts a premium for the hard job of figuring it."

"Far school economy," he concludes, "architects' fees should be raised, not lowered, as they achieve economy."

The President's Letter

R. Max Brooks TSA-AIA

President, Texas Society of Architects



While returning from the national AlA convention in Los Angeles, I was reading the current issue of a notional pictorial weekly which circulates in the millions.

One of the principal articles in this issue emphasizes by means of beautiful colored pictures and accompanying text, the striking change that U.S. architecture has helped to bring about in American factories and industrial installations. Page after page shows the factory need not be either grimy or dull. Instead, it can be a functionally efficient building and one that actually inspires employees at all levels to better, happier and more meaningful doys at work.

Many of you probably saw this issue of LIFE to which I refer. Is it not apparent that the structures shown, in their beautiful settings, are better, safer and more productive places in which to spend the tremendous percentage of our lives devoted to work?

U. S. architects are now very well established in industry, whereas a generation or so ago the general public thought of the architect as a samewhat unknown professional man who was occupied primarily in designing public buildings and homes for the extremely wealthy. They have become established because industry, as well as the public, has found that the use of on architect for virtually any structure is a sound investment which pays off by adding hard cash value far above the architect's fee, while increasing functional utility.

The LIFE orticle is a reminder of how the architect is also serving industry by providing a mare attractive environment, often a really beautiful one, which adds great intangible values as well as increased safety and employee satisfaction.

June 7-8 Dallas Seminar On Church, College Architecture

More than 120 new church buildings costing a total of \$31,950,000 will be erected by churches in the Baptist General Convention of Texas during the caming year, officials said recently in Dollas.

The denomination also expects to spend an additional \$28,000,000 for new college and university facilities during the next nine years.

The convention has now employed a full-time architectural consultant to caunsel with pastors and laymen and enlisted the aid of a six-man committee to help plan the work.

A seminar on church and college architecture will be held June 7 and 8 at the First Baptist Church in Dallas, to study various phases of architecture as they pertain to Baptist work. Texas architects have been invited. Warking on arrangements for the seminar are Ben E. Christian of Corpus Christi and Harold Calhoun of Houston.

Dr. Farrest C. Freezor, executive secretary far the BGCT, recently said

Texas Baptist will need more than 3,000 new churches during the next 20 years, 120 of them within the next 12 months.

TWO CHURCHES EACH WEEK

The denomination is growing at the rate of two new churches each week and is expected to have more than 5,200 congregations in the state by 1975.

The churches' total gifts for all causes this year are expected to exceed \$71,000,000, of which approximately 13 per cent will be spent on church building payments 27 per cent on new buildings and epuipment and 5 per cent on maintenance and building insurance.

Texas Boptist Sunday Schools have doubled in enrollment during the past 12 years. More than 23,000,000 square feet of building space will be needed for future growth in that area of work alone. Old buildings that become unusable will also have to be replaced.

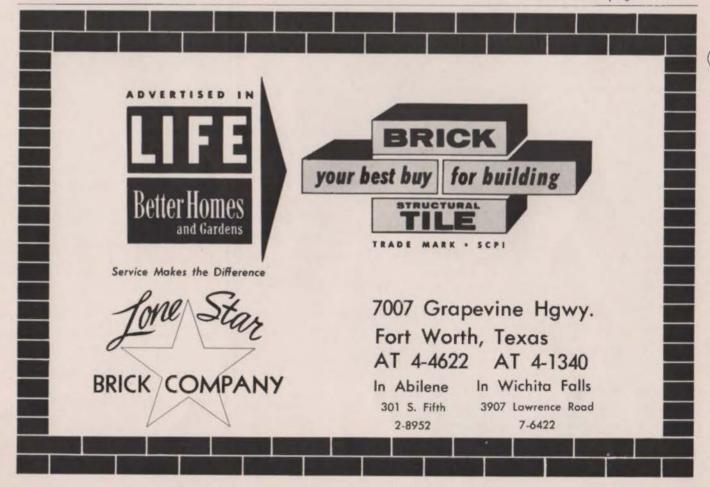
From 1949 through 1954, Southern Baptists churches over the country as a whole increased the value of their church property by 112 per cent. Mare than \$227,000,000 worth af this property was owned by the churches in Texas. Indebtedness against the churches' property overaged only 12 per cent of the value.

It is to help meet the need for new buildings, remodeled buildings, additions and other facilities that Texas Boptists have emplayed the first architectural consultant used by any state in the Southern Baptist Convention.

DUTIES OF REV. CALDWELL

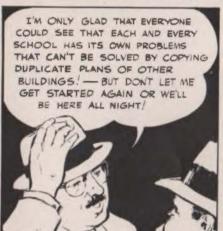
The Rev. J. W. Coldwell, a pastor for 17 years, has led in four building programs in different cities. He become associated with the BGCT Church Loan Department in 1952. Fram March, 1954, through October 1955, he warked jointly with both that department and the Department of Direct Missions as a consultant in building and financing. He become an associate in the department only a short time aga.

Coldwell's specific duty is to counsel with church leaders in helping them erect, repair or extend their plants. He also surveys existing buildings to de-(Continued an page 6)





















Water Colors by Architects on Exhibition

The School of Architecture of The University of Texas held a special exhibit of "Woter Colors by Mid-West Architects" in the Architecture Building from April 12 to April 24, as a special attraction during Texas Architects' Week.

This collection of watercolors by six-

teen architects from Nebraska, Missouri, Konsas, Colorado, and Texas clearly demonstrated the versatility of the medium as well as the excellent artistic tolent of the orchitects represented.

The group of paintings has been collected and prepared for circulation.

Clay Products Association Makes Cash Awards To Champion Apprentices

The champion apprentice bricklayers of Texas are Arnold L. Keel of Fort Warth and Robert R. Ruzzomenti of Dallas, Mr. Keel and Mr. Ruzzamenti won the title of champion in Fort Worth in a contest sponsored annually by the bricklayers union, building contractors, brick and tile manufacturers and the U. S. Bureau of Apprenticeship. Contestants are judged on excellence of craftsmanship and skill in building a typical brick wall.

Mr. Keel was sponsored by the Brick Masons and Plasters International Union, Local Number Six of Fort Worth and Mr. Ruzzamenti was sponsored by the Local Number Five of Dallas. Both men were in Seattle, Washington on April 20-25.

The Clay Products Association of the Southwest, regional trade group of brick and tile monufacturers made a \$100.00 cash award to each winner to defray travel expenses to the Pacific Northwest. Two olternote winners were named, Robert Smith, sponsored by Local Number Seven of Houston and Charles A. Thomas, sponsored by Local Number 14 of Sherman.

DALLAS CHURCH SEMINAR

(Continued from page 4) termine o church's maximum capacities, helps determine what buildings are needed and what the church will be financially able to afford, suggests master plans for long-range programs and provides information on registered architects who have an interest in the Baptist program. Caldwell does not prepare floor sketches or working drawings, or in any way perform architectural services.

COMMITTEE MEMBERS LISTED

The committee which has been elected to work with him include Mr. Christian, W. H. Souther, educational director for the First Baptist Church in Dallas; the Rev. L. L. Morriss, pastor of the First Baptist Church in Midland; Mr. Calhoun, Adam A. Bliss, TSA-AIA, Dallas; and Herbert Brasher, TSA-AIA, Lubbock. Ex-officio members include Dr. Feezor and Hooper Dilday, Sunday School associate secretary for the BGCT.

The theme of the June 7-8 seminar in Dallas will be "building for the future." Speakers will include most of the architectural committee members and 10 denominational leaders and workers for the Baptist General Convention of Texas.



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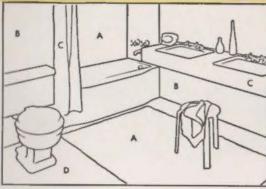
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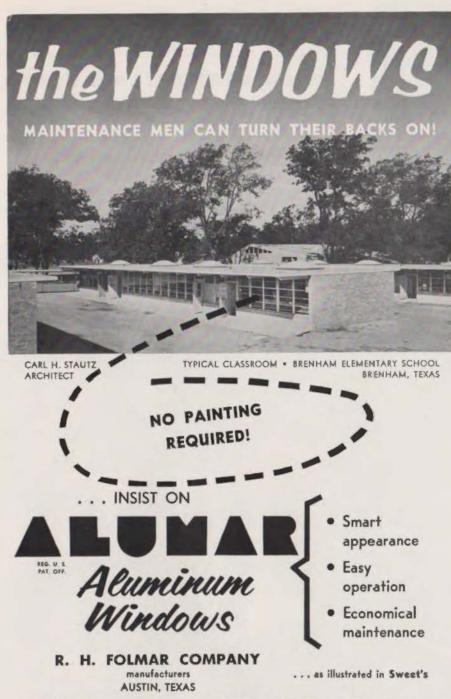


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Architecture Library Requests Back Issues to Complete Files

Catheryne S. Franklin, librarion of the Architecture Library at the University of Texas, has requested that TSA members who maye have duplicates of the following issues of the TEXAS ARCHITECT contribute them in order to complete library files:

1950: March-April, July, September, October, November.

1951: Jonuary, March, April.

1952: July, September, November.

1953: February, October, November, December.

Members are asked to comply with

this request if they have duplicate copies or if they no langer wish to keep back issues.

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Philip D. Creer Named Director Of U. T. School of Architecture

Philip D. Creer of Providence, R. I., senior partner in the orchitectural firm of Kent, Mather, Cruise & Aldrich and head of the Department of Architecture, Rhade Island School of Design since 1933, has been named director of the School of Architecture & Planning at Texas University. The post had been vacant since the resignation of Horwell H. Harris in 1955.

A graduote of the University of Pennsylvania, Mr. Creer was an instructor there from 1928-31 and head of the Department of Architecture at the Wanamaker Institute in Philadelphia from 1927-1932.

Mr. Creer hos been practicing architecture as a principal since 1935. He become a corporate member of the AIA in 1941 ofter seven years as an associate.

The new head of the UT School of Architecture has been prominent in AlA affairs and in community organizations. A former president of the Rhode Island Chapter, AlA, he served on the national AlA board from 1952-1955 and on a number of state and national committees. His civic wo « has been on a number of cammittees including groups for crippled children and adults, historic buildings and on advisory boards to city and state government.

Design By Beaumont Firm Selected For Exhibition At Georgia Tech Event

Combs Hall at Lamar State Hall, designed by Stone & Pitts, TSA-AIA of Beaumont, has been selected by a jury to be exhibited in "A Holf Century of Architectural Education," which opened at Georgia Tech on May 27.

Members of the jury were Joseph Hudnut, former dean of the Graduate School of Design at Harvard University; Francis P. Smith and Paul M. Heffernan of Georgia Tech; and Roy Jones, professor emeritus of the School of Architecture at the University of Minnesata.

The Atlanta exhibition, in honor of Harold Bush-Brown, retiring head of the School of Architecture at Georgia Tech, will be sent on a special tour by the Smithsonian Institute. Almost 500 entries were submitted the jury for the Georgia Tech selections.

Southeast Texas Chapter, AIA Representative Selection:

UNIT A, TRINITY METHODIST CHURCH, BEAUMONT, TEXAS

CLIENT:

TRINITY METHODIST CHURCH

ARCHITECT:

WALLACE B. LIVESAY AND TOM B. LIVESAY

MECHANICAL ENGINEER: MICHAEL BARR

CONTRACTOR: CHRIS SMITH, INC.

Building Includes:

Fellowship Hall: Presently being used as Sanctuary and Fellowship Hall. This area provides a seating capacity of 600 when used as a Sanctuary.

Kitchen: Directly off Fellowship Hall with all stainless steel equipment and facilities.

Classroom Wing: The classroom wing includes classrooms used at present for general use, and the Minister's study and general church offices. When the master plan is further developed with the addition of other educational facilities, this wing will revert to its intended use, that of a childrens classroom wing, housing children from crib age through kindergarten age.

Parking Area: Size sufficient to accommodate over 300 cars. This unit of the Church is built on a 12 acre site in a new residential subdivision of Beaumont. On full development of the master plan the site will contain this present Unit A and parking area plus 3 additional building units, specifically one unit containing additional educational facilities, a sanctuary unit, a chapel unit, and sizeable area of land devoted to recreation.

Since parking facilities have become a cansideration of major proportions, a site was purchased of sufficient size to permit on site parking facilities for something over 300 cars, and the plan was developed with the parking area as the focal point.

The moin access to the Fellowship Hall & kitchen area is a twa lane circular drive off a side street. This drive is protected by a canopy leading to the entrance vestibule providing all weather shelter for persons entering or leaving the building. One feature of this entrance that has proven to function very successfully is the use of low pitched ramps rather than steps, allowing persons confined to wheel chairs comfortable and easy occess.



Southeast Chapter Winner

An interior view of the Trinity Methodist Church, Unit "A", at Beaumont, selected by the Southeast Chapter, AIA as representative of recent work in the Chapter area.

Face brick were used extensively both as an exterior and interior wall surface material. The structure is mainly laminated wood beams and arches in the Fellowship Hall and laminated wood beams in the classroom wing, far the most part left exposed. Other finishes include: Terrazzo floors, asphalt tile floors, ceramic tile floors and walls, plaster walls, various wood paneling, and acoustical tile ceiling.

The completed unit has a five zoned air conditioning system, for maximum flexibility in various departmental uses.





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News Of The Chapters

WEST TEXAS: The first meeting ever held in Odessa drew a record Chapter attendance. John G. Flowers, Jr., executive director of TSA, spoke on "Architectural Law, Ethics & Practice."

DALLAS: Richard Kelly, president of the New York City firm of Kelly & Thompson, lighting consultants, spoke on "The Use of Light". Mr. Kelly, using slides to illustrate his remarks, described the use of light for maximum effect i no structure. He showed recent jobs including General Motors Technical Center, Detrait; Bonwit-Teller's Boston store; the Desert Inn in Las Vegas; and the Museum of Modern Art in New York.

Albert Golemon, TSA-AlA of Houston, regional AlA director, was a guest. He discussed the AlA convention agenda and TSA participation. The following delegates were named: Terrell Harper, chairmon; Ralph Bryan, J. Murrell Bennett; Arthur Thomas; George Dahl; Harris Kemp; Thomas Broad, Danald Nelson; Grayson Gill; Harald Prinz; and LaVere Brooks.

HOUSTON: James Chillman, Jr., professor of architecture at Rice Institute and director emeritus of the Houston Museum of Fine Arts, spoke on "Architecture—Past & Present". Walter Rolfe, FAIA, was master of ceremonies at the TAW dinner meeting. Eight Chapter members who have been practicing architecture for 50 years or more were presented.

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