TEXAS AR(HITE(T

OFFICIAL PUBLICATION OF THE TEXAS SOCIETY OF ARCHITECTS

EDITORIAL COMMENT ON TEXAS ARCHITECTS' WEEK
THE INCREASING TREND TOWARD ARCHITECTURE
SITE ORIENTATION AND AIR CONDITIONING
TWO DALLAS TSA MEMBERS NAMED FAIA
PICTURE PAGE OF TAW CLIPPINGS

MAY 1954





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INSIDE THE TEXAS ARCHITECT Editorial Comment on Texas Architects' Week 3 Picture Page of TAW Clippings Increasing Trend Toward Architecture Site Orientation in Air Conditioning 6 Two Dallas TSA Members Named FAIA ARCHI TFXAS MAY, 1954 VOLUME 5 NUMBER Official Publication of TEXAS SOCIETY OF ARCHITECTS **OFFICERS** Edwin W. Carroll THE TEXAS SOCIETY OF ARCHITECTS President 1001 E. Yandell, El Paso Grayson Gill Vice-President The Texas Regional District Organization of R. Max Brooks Second 100 205 E. 8th Street, Austin Secretary-Treasurer Southerland Secretary-Treasurer 1913 San Jacinto, Dallas The American Institute of Architects David C. Baer, AIA-TSA Houston Editor 602 West Avenue, Austin John G. Flowers, Jr..... Execu 1200 Bissonnet, Houston **Executive Director** John G. Flowers, Jr., Managing Editor DIRECTORS 1200 Bissonnet, Houston, Texas Panhandle Chapter, A.I.A. Robert I. Lockard Arthur Fehr Central Texas Chapter, A.I.A. George Kirksey & Associates Editorial Counselors A. B. Swank, Jr. Dallas Chapter, A.I.A. 2244 W. Holcombe, Houston Dallas Robert P. Woltz, Jr. Fort Worth Chapter, A.I.A. Fort Worth PUBLICATION BOARD Reginald Roberts San Antonio San Antonio Chapter, A.I.A. C. P. Donnelly. Corpus Christi Coastal Bend Chapter, A.I.A. David C. Baer, Chairman, TSA-AIA Houston Houston Eugene Werlin Houston Chapter, A.I.A. Warren C. Suter. Lower Rio Grande Chapter, A.I.A. William G. Wuehrmann Mission El Paso Lee R. Buttrill, TSA-AIA El Paso Chapter, A.I.A. Ernest Langford Bryan Albert S. Golemon, TSA-AIA Houston Brazos Chapter, A.I.A. ... Abilene James C. Morehead, Jr., TSA-AIA Houston Beaumont Southeast Texas Chapter, A.I.A. Edward L. Wilson Fort Worth Reginald Roberts, TSA-AIA.....San Antonio A.I.A. Director Albert S. Golemon. . Houston Edward L. Wilson, TSA-AIA..... Fort Worth Immediate Past President, TSA Published monthly by the Texas Society of

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CALENDAR OF EVENTS

May 18-20—Texas Hospital Association convention, Shamrock Hotel, Houston.

June 15-19—86th annual AIA Convention at Boston.

November 3-5—15th annual convention, TSA at Fort Worth.





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Editorial Comment On Texas Architects' Week

"As this community observes Texas Architects' Week, civic-minded San Antonians are reminded how great is their debt to those skilled, gifted, farvisioned and often daring creative men who planned and built this city.

"Much as customs, occupations, commodities, diversions or artistry, but more conspicuously, a city's architecture—that Goethe termed "frozen music"—tell the world what that city is.

"By that standard, San Antonians have many occasions for felicitation and gratitude. They may view not only a skyline of business blocks, towers and spires; La Villita, the Spanish Governor's Palace, San Fernando Cathedral and the Franciscan Missions, but also schools, colleges, universities, markets, community centers and—most to be prized—attractive and livable homes.

"Such are the solid achievements which, on this occasion, members of the San Antonio Chapter, Texas Society of Architects, American Institute of Architects, may contemplate with satisfaction. But the local architects do not propose to rest upon their laurels. They are even now busy with a planning and research program from which they expect a City Master Plan to emerge."

-San Antonio Express, April 9, 1954.

"Significant basic principles of public school education were stated by Dr. J. W. Edgar, state commissioner of education, in his address (here Tuesday evening) to Houston architects. It is interesting that throughout his speech Doctor Edgar stressed the importance of local control of the schools.

"Doctor Edgar said that 'Houston has an excellent public school system.'
This applied to both the scholastic and the building phases of our schools.
The commissioner especially praised the architects of Houston and other parts of Texas for their contributions in improving the design of school buildings, from the viewpoints of usefulness and economy."

"Doctor Edgar's statements are timely. There is a trend in Houston and elsewhere in the state to by-pass or encroach on the authorities of local school boards. It was heartening to hear the educator who heads the state public school system strongly indorse the doctrine of local control.

"Doctor Edgar's speech merits the attention of every citizen."—The Houston Chronicle, April 19, 1954.

These two editorials, from leading Texas newspapers which are among the largest dailies in the U.S., indicate the wide range of programs and the different areas of interest connected with the third annual observance of Texas Architects' Week. In every part of the state, other newspapers joined with radio and television stations to bring the observance of TAW to public attention.

Officers and members of the TSA note with appreciation this increasing recognition of the role of architect in shaping the environments about us.

Increasing Trend Toward Use Of Architect

Statewide Survey Indicates Clearly
That Professional Skill And Knowledge
Of The Architect Used More At All Levels

(Editor's note: The Texas Society of Architects, as it launches the fifth publication year for the TEXAS ARCHITECT, has begun a statewide survey to determine if there is any trend toward increasing use of architects. As the survey continues during 1954, we will present further findings.)

Preliminary findings in a statewide survey to determine the extent to which the professional skills and knowledge of TSA members is being employed across the state as compared to five years ago indicates the following:

A definite trend toward an increasing use of architects in the following fields:

- 1. By prospective home owners planning either their first residence, the building of a larger residence to take care of a larger family or changed living patterns, or the remodeling of a residence.
- 2. By small to medium-size business concerns which had in the past failed to use professional architectural services, but now want new or remodeled structures designed by an architect.
- 3. By merchant home builders who had tended in the past to omit the use of architects for low-middle and middle-priced homes built for sale.
- 4. By larger companies which had employed architects in the past for principal structures, but had not done so on warehouses and subsidiary buildings.

By smaller school districts which heretofore had retained architects for only part of their building and remodeling programs, but are now using these services for all construction.

6. By smaller church congregations.

In addition to the above areas, which constitute principally the use of architects where their services have been either employed sparingly or not at all, the survey indicates that clients who have consistently used architects over the years are also calling upon TSA members more frequently.

These findings are substantiated by the consistent growth in the number of architects who since 1949, have registered to practice in Texas and by the large increase in TSA membership, which has more than doubled.

Among the reasons for this very noticable growth in the employment of architects are the following:

- 1. Increasing public recognition of the services and functions of the architect.
- Accomplishments of TSA members in architectural design which have attained state and nationwide notice.
- 3. Growing recognition of the fact that higher home and commercial loans are often available where the owner is using professional architectural advice and design.
- 4. Better understanding by bankers, other financial authorities, and public officials of the additional value, service, and personal and public satisfaction that comes from structures which have been designed and constructed with competent architectural assistance.

In future 1954 issues, the TEXAS ARCHITECT will present actual case histories illustrating major survey findings.

Some of Statewide Texas Architects' Week Publicity

San Antonio Express

ificance of Texas Architects Week

Architects To Mark Special



Architects Salute Public Schools In Celebration Of Special Week

EDITORIALS: THE HOUSTON CHRONICLE MONDAY, APRIL 19, 1954

Week at Meeting in Lubbock State Education Commissioner Stresses Need of Local Control

Architects Pay Tribute To Fishin' Stonemason



THE HOUSTON CHRONIC

Education Chief Speaks To Architects

Observance By Architects Is Set April 7





Architects Plan Local Celebration

THE PL PASS TIMES

Orientation and Insulation in Air Conditioning

By Bernard G. Johnson,
Bernard Johnson & Associates,
Consulting Engineers,
Houston



It is often said that the proper orientation of a building and the use of insulating materials in its construction are the most inexpensive aids to air conditioning.

In the Gulf Coast area, more actual money is spent in ventilating and cooling, particularly on commercial buildings, than on heating. A large portion of present day design leans toward large glass

areas and opening up buildings to the outside. Under these conditions, orientation plays a very major part in the design of winter-summer air conditioning. A building must be oriented to keep the direct rays of the sun off as much glass area for as much of each day as possible.

Various means are used to shade large glass areas. Canopies, louvers and the like (Continued on Page 9)

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NELSON

Herbert M. Tatum, Donald S. Nelson Named Fellows Of Institute

Two Dallas members of the TSA, both prominent in the architectural profession and in work of the TSA and AIA, have been named Fellows of the American Institute of Architects. The newly-created fellows are Herbert M. Tatum, former TSA president, and Donald S. Nelson, chairman of the statewide Texas Architects' Week observance just concluded.

Design and Service

Mr. Tatum's selection as a fellow came on the basis of his work in design and his service to the AIA. A native of Dallas, he is a graduate of Texas A. & M. College and was formerly chief of military construction for the U. S. Engineers, Southwestern Division. A partner in the firm of Tatum & Quade, Mr. Tatum has designed many distinguished residences, churches and public buildings.

Mr. Nelson was selected because of his excellence in design. A native of Chicago, he is a graduate of M.I.T. and did graduate work at the Ecole des Beaux Arts and the Ecole Superieure des Beaux Arts in France. Mr. Nelson's designs have included government structures in Washington, D. C., the Wrigley Memorial on Catalina Island (with Bennett, Parsons, & Frost), and Texas Centennial and Chicago World's Fair structures. He is a partner in Broad & Nelson.

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Orientation and Insulation In Air Conditioning

(Continued from Page 6) are sometimes designed for this purpose. Many times these add to the appearance of the building; however, they can not always be justified on the basis of reducing air conditioning cost. More positive means of reducing the instantaneous heat transmission through large glass areas include the application of outside awnings, reflective screens, heat reflective glass, inside venetian blinds, draperies, or any method of interior decoration.

In recent years, great strides have been made in the design and manufacture of building materials, and there has been a reduction in the heat transmission through many of these materials. On the average building in the Gulf Coast area, the areas affected mostly by heat transmission are the first roofs and second walls. Proper insulation of these areas in that order will materially reduce both initial and operating cost for the cooling and heating system.

The use of insulation should not be overlooked in preventing possible condensation in some areas due to moist air contacting cold surfaces. In order to fulfil the necessary requirements for preventing heat and moisture transmission through the building structure, various types of insulation are available, which, when properly applied, solve these problems. Considerable research has been made on the practicability of covering a roof with water. This provides a reflective surface for the sun's heat rays and also lengthens the life of the roof construction.

Since insulation and orientation are so important to both the architectural and engineering aspects, very careful consideration should be given to these in the very early preliminary discussions between the Architect, Engineer and Owner. This approach should lead to a more economical and practical building.



C. H. Benckenstein, Jr. Home at Orange

Shown is an exterior view of the home of Mr. and Mrs. C. H. Benckenstein, Jr. at Orange, which won an award of merit for the Houston architectural firm of Cato, Austin & Evans, TSA-AIA, in the "Texas Architecture—1953" competition.

Lift Slab Method Shows Gains

The Youtz-Slick lift slab method of construction, now licensed through the United States Lift Slab Corporation of Austin, showed substantial gains during 1953. As of December 31, 1953, there was under construction by this method more than 3,600,000 square feet of many types of buildings.

The lift slab method consists basically of pouring the upper floors and roof of a structure at the ground level in their relative positions in the building, and then lifting them to the proper elevations, where they are permanently fastened to columns. It is more ap-

plicable to concrete construction and structural steel columns.

The method has been acclaimed for savings in concrete form costs, and for the fact that all slab work is done at ground level with additional efficiency. Fireproof construction is also a considerable factor.

Lift slab construction has now been used in more than half the states, and in Canada and Puerto Rico. At present, a 1500-man Navy barracks, a Louisiana state prison, the RCA Cherry Hill, N. J. project, and Clemson College dormitories are among the varied structures being built by the lift slab method.

86th AIA Convention June 15-19 in Boston

The 86th annual convention of the American Institute of Architects will meet from June 15-19 in Boston, Mass., with headquarters at the Statler Hotel. With a theme of "Forces That Shape Architecture", the meeting is expected to attract more than 2000 architects and guests to Boston, a city famous both for its historic buildings and as a center of modern architectural thinking.

Forces To Be Assessed

Among the forces to be assessed at the convention, as factors which have changed the architectural profession radically in the past few decades are the following: modern technology, government building programs, developments in health, education, and industry; new commercial patterns: and the changing structure of the family, the community, and the city.

Among the special events at the convention will be a series of seminars on the theme, the presentation of honor awards in the annual exhibition of outstanding American architecture, a preconvention meeting of various architectural and allied groups, and a special Pops Concert by the famed Boston Symphony, a reception at the Boston Art Museum, and a dinner at Symphony Hall.

A delegation of TSA members will attend the Boston convention.

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With Our Advertisers

The Fort Worth Sand & Gravel Company and the Texcrete Company, both of Fort Worth, have combined their operations, according to a joint announcement. George A. Meihaus, formerly general manager of Texcrete, is now a vice-president of Fort Worth Sand & Gravel.

Vaughan Carleno of Houston has been named territory sales representative for Morrison Supply, Inc., distributors for Youngstown Kitchens. Morrison Supply is expanding its entire sales operation in the Houston sales area, which includes Beaumont, Port Arthur, Bryan, Lufkin, Wharton, Freeport, Galveston, and nearby areas within a radius of approximately 150 miles from Houston.

The Acme Brick Company has leased the Buffalo Brick & Tile Company at Buffalo, Kan., and now has 17 plants in five states. Acme, with headquarters at Fort Worth, operates Texas plants at Bennett, Bridgeport, Denton, Ferris, Garrison and Houston.

Houston Architect Named To Board Of Planning & Civic Association

Karl Kamrath, TSA-AIA of Houston, has been elected to the board of directors of the American Planning & Civic Association, Washington, D. C., and will attend the Association's annual meeting at Columbus, Ohio in May.

Mr. Kamrath is chairman of the Texas State Planning Committee.

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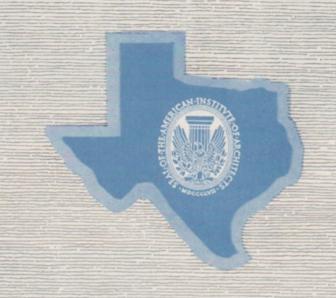


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