

 THE TEXAS
ARCHITECT

NOVEMBER

1968

TABLE OF CONTENTS

	Page No.
Welcome to Corpus Christi	3
Llewelyn W. Pitts Award	4
T. S. A. Annual Meeting Schedule	5
Guest Speaker Personalities	7
Newly Registered Architects	9
University of Texas - School of Architecture	10
In Memorium - Joseph Pelich & James D. Witt	18
T. S. A. Membership Directory	21
Early Texas Architecture	35
Houston Police Federal Credit Union Building	42
Laguna Madre Shoreline Fishing	47
Corpus Christi	49
Texas Architectural Foundation	53
Corpus Christi Historical Map	54
Padre Island	56



COVER PHOTO:

CORPUS CHRISTI IS ONE OF THE FEW CITIES IN AMERICA WHERE THE DOWNTOWN BUSINESS DISTRICT FRONTS ON A MARINA. BOATS OF ALL DESCRIPTIONS VIE FOR ATTENTION WITH THE CITY'S DRAMATIC SKYLINE. TWO T-HEADS AND AN L-HEAD ARE BEAUTIFULLY LANDSCAPED WITH SPACIOUS DRIVES AND PARKING AREAS CONVENIENT FOR PICNICS, FISHING, OR JUST LAZIN' IN THE SUN.

ADVERTISING DIRECTORY

Trinity White - General Portland Cement Co.	17
Texas Caterpillar Dealers	19
Moncrief-Lenoir Mfg. Co.	20
Prestressed Concrete Mfg. Association of Texas	33
Texas Exposed Aggregate Association, Inc.	33
Texas Industries	34
Texas Concrete Masonry Association	46
Acme Brick	48
Wallace Engraving Co.	51
Mosher Steel	53
U. S. Steel	55
Midstates Wire	57
Featherlite Corporation	58

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THE TEXAS SOCIETY OF ARCHITECTS

The Texas Regional Organization of
The American Institute of Architects

James D. Pfluger, AIA Editor

Don Edward Legge, AIA
Managing Editor

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327 Perry-Brooks Building, Austin, Texas

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THE TEXAS ARCHITECT

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THE HISTORY OF CORPUS CHRISTI

Long before the settlement of Corpus Christi, seafaring Spanish "Conquistadores" plied the waters of the Gulf of Mexico, and it was one of these, Alvarez Alonzo de Pineda, who discovered the blue waters of Corpus Christi Bay in the year 1519. The event took place on the Festival Day of Corpus Christi, said to have been first proclaimed by Pope Urban IV in 1264. The Bay was named to fit the circumstance, and Corpus Christi later derived its name from this bay.

The Spanish, the Portuguese, the English and the French alternated in making port in Corpus Christi Bay and in visiting the coastal islands, the most famous of which is 110-mile long Padre Island. The galleons of Hernando Cortez appeared here as did the vessels of Jean Lafitte's freebooting band. At one time, the buccaneers held such sway in the area that Padre and Mustang Islands are said to have become mines of buried treasure, and even today a pleasant pastime has become the search for pirate gold in the island sand.

The City of Corpus Christi began as a frontier trading post, founded in 1838-39 by Colonel Henry Lawrence Kinney, adventurer-impresario-colonizer. The small settlement, hard-bitten and lawless, was called Kinney's Trading Post or Kinney's Ranch.

The Trading Post remained an obscure settlement until July, 1845, when United States troops under General Zachary Taylor arrived on the local scene. Troops, horses and equipment were lightered ashore. The Army remained until March, 1846, when it left to march southward to the Rio Grande, as the beginning of the Mexican War was near. An officer in General Taylor's Army, writing home, said of the Post: "... It contains few women and no ladies."

Nueces County, of which Corpus Christi is the county seat, was formed in January, 1847. The county originally extended to the Rio Grande. Sixteen South Texas counties and parts of several others have been carved from its original confines.

Corpus Christi had some semblance of deep-water port as early as 1848 when steamship service to New Orleans was offered. In 1862, during the Civil War, Corpus Christi and the Port were blockaded by Federal gunboats. Two attempts to occupy the city were successfully resisted, but the city fell to Federal troops finally in 1864. The modern Port of Corpus Christi was opened in 1926.

The completion of the city's stout seawall in 1940 saw the birth of a new civic consciousness, and today, Corpus Christi, a city of 204,850, is known as one of the most beautiful and industrious on the coastline of the country. Its lush, semi-tropical climate and fabulous shoreline make it an ideal year-round resort, and visitors will find an exciting variety of things to do and places to see, Welcome to Corpus Christi, TSA!



THE TEXAS SOCIETY OF ARCHITECTS
ESTABLISHES THE
LLEWELYN W. PITTS AWARD

LLEWELYN W. PITTS F.A.I.A. POSSESSED IN SUCH MEASURE THOSE QUALITIES OF CONCERN FOR OTHERS, COMPELLING LEADERSHIP, AND COMMITMENT TO HIS IDEALS THAT HE PROFOUNDLY AFFECTED EVERY EVENT THAT TOUCHED HIS LIFE AND ALL THOSE PRIVILEGED TO KNOW HIM.

IN RECOGNITION OF HIS CONTRIBUTION TO THE PROFESSION AND IN THE HOPE THAT THE EXAMPLE OF HIS LIFE WILL INSPIRE OTHERS IN THE COURAGEOUS PRACTICE OF THESE VIRTUES, THE TEXAS SOCIETY OF ARCHITECTS ESTABLISHES THE LLEWELYN W. PITTS AWARD TO PUBLICLY RECOGNIZE ARCHITECTS WHO BY THEIR EXAMPLE AND SERVICE HAVE MADE SIGNIFICANT CONTRIBUTIONS TO THE ADVANCEMENT OF THESE IDEALS.

Daniel Bone
PRESIDENT

30 OCTOBER 1967



R. Max Brooks received a Bachelor of Architecture degree from the University of Texas and a Master of Science degree in Architecture from M.I.T. He was a member of Tau Sigma Delta, National Honorary Architectural Society, received an A.I.A. scholastic medal and awarded Medary Scholarship and M.I.T. Scholarship for Graduate Study.

His activities include: Elected to College of Fellows, American Institute of Architects in 1954 for achievement in Architectural Design; President, Texas Society of Architects, 1956; Director, American Institute of Architects, 1957-60 (Member of Executive Committee of the Board, 1958-60); President, Texas Architectural Foundation, 1960; Member, Jury of Fellows, American Institute of Architects, 1960-63; Member, Reynolds Aluminum Company Award Jury, 1962 (this jury designated recipient of \$25,000 cash award); Elected Honorary Member, Sociedad de Arquitectos Mexicanos, 1957; Recorded, Libro de Honor, Sociedad de Arquitectos Mexicanos, 1960; Member, Potomac Planning Task Force, Department of the Interior, 1965; Honor Awards Jury, American Institute of Architects, 1965.

R. Max Brooks has practiced architecture in Austin since 1936. He has personally directed numerous building projects in Austin and elsewhere, including privately constructed buildings and projects for public and governmental usage. He was partner-in-charge, with L. W. Pitts, on the U. S. Embassy office building in Mexico; D. F. Member of Architect-Engineering Board for Manned Space Craft Center, Architects, Houston; and listed in Who's Who in America 1962-67. ■



TWENTY NINTH

ANNUAL MEETING

TEXAS SOCIETY OF ARCHITECTS

DRISCOLL HOTEL
CORPUS CHRISTI, TEXAS

SCHEDULE OF EVENTS

WEDNESDAY NOVEMBER 6

AM

8:00	Texas Quarries Golf Tournament	Corpus Christi Country Club
9:00	Registration & Hospitality	Hemisphere Room
9:00	"Texas Architecture 68" Display	Main Lobby
9:00	Students Awards Display	Hemisphere Room

PM

12:00	Product Exhibits Open	Mezzanine Lobby, East & Central Ballrooms
12:00	Exhibitor's Lounge	Room 301
4:00	Texas Architectural Foundation Board Meeting	Rincon Room
6:30	Texas Bureau For Lathing & Plastering Welcome Cocktail Party	Pool Area
8:00	Dinner	on your own

THURSDAY NOVEMBER 7

AM

9:00	Registration & Hospitality, Exhibitors Lounge, "Texas Architecture 68" Display, Student Awards Display, Product Exhibits	As Wednesday
9:30	Opening of Convention Keynote Address by George Kassabaum	West Ballroom
10:30	Ladies Welcome Party	Rincon Room
11:45	Cocktails	Products Exhibit Area

PM

12:15	Awards Luncheon	West Ballroom
2:30	Border Buttermilk Party	Products Exhibit Area
8:00	Shipwreck Party	T. Head

FRIDAY NOVEMBER 8

AM

8:00	Committee Breakfast	as scheduled
8:45	Coffee	Products Exhibit Area
9:00	Registration & Hospitality, Exhibitors Lounge, "Texas Architecture 68" Display, Student Awards Display	As Wednesday
9:00	First Professional Seminar "Inside Architecture-'68"	West Ballroom
10:00	Ladies Beach-Out	Padre Island
10:45	Second Professional Seminar "Inside Architecture '68"	West Ballroom

PM

12:00	Buffet Luncheon	Products Exhibit Area
1:30	Final Professional Seminar "Inside Architecture '68"	West Ballroom
3:00	Final Business Session	Flamenco Room
7:00	President's Reception	Flamenco Room
8:00	President's Ball	East, West & Central Ballrooms



GUEST SPEAKER PERSONALITIES



KASSABAUM

George E. Kassabaum, FAIA, is a principal in the St. Louis firm of Hellmuth, Obata & Kassabaum, Inc. He was educated at Washington University, and was on the design faculty there for three years. His service to the AIA includes two years as national vice-president, Chairman of the Council of Commissioners and the Committees on Government Liaison and the National Capital, and President of the St. Louis Chapter. He was Chairman of the National Committee on Housing for the Aging. Mr. Kassabaum was the only architect on the HHFA Advisory Committee on Housing for the Elderly, a post he served in 1962-64. He served as First Vice President of AIA and is presently President of AIA.

C. M. Deasy, F.A.I.A., has practiced architecture in the Southwest region since 1946. A native of Texas, he graduated from the College of Architecture, University of Southern California in 1941.

A past president of the Southern California Chapter, A.I.A., Director of the California Council of Architects, and Vice-President of "Los Angeles Beautiful," he has also served as Chairman of the American Institute of Architects Committee on Research for Architecture. In addition Mr. Deasy has served on governmental committees concerning urban design problems and is a director and one of the founders of the Regional Plan Association of Southern California.



DEASY

Mr. Deasy has lectured widely on architecture and planning and produced and moderated "Quest, Los Angeles," a television series concerned with the planning problems of the Los Angeles Metropolitan Area. His special area of interest has been in applying the environmental findings of the behavioral sciences to the solution of architectural and urban planning problems. This has led to the publication of reports on "Social-Psychological Factors in Architectural Planning," "Semantics of Architecture," "The Many Dimensions of Man," "Mans Mind Made Environment" and an investigation of street behavior entitled "People in the Streets, People in the Parks."

GUEST SPEAKER PERSONALITIES



ALBINSON

Don Albinson, born in Michigan 57 years ago, grew up in the Detroit area. He studied sculpture, drawing and wood carving in Sweden, attended Cranbrook Art Academy and while there worked with Eanes and Saarinen on models for first Museum of Modern Art Furniture Competition 1939.

He studied architecture at University of Michigan and later studied Architecture and Industrial Design at University of Southern California.

Albinson who headed Eanes Furniture Development Department, opened an Industrial Design Office in Southern California and taught design at U.C.L.A.

He worked on normal mixture of product designs, exhibits, etc. and designed Stacking Chair for Knoll Associates.

Albinson then closed his office and moved to Pennsylvania and now directs the Design and Development Department for Knoll Associates.

Born in Zanesville, Ohio in September 1910

Died in August 1938—(One of three people in the history of Medicine in the United States who have medically died and been brought back to life) Richard Kelley is trained as an architect but sensing a need for creative light design he has become the world's foremost expert in that field. He is a recipient of the AIA Allied Professions Medal presentation in 1967.

Member of Commission Internationale d'Eclairage—A group of people from many nations including South Africa, France, Germany and various other countries who meet to study the psychological effect of light on people.

Kelley was commissioned by the Brazilian government to work over the harbor lights in the Harbor of Rio de Janeiro. A principal part of the commission was the lighting of cleared land area in front of the old City.

He designed lighting for Sugar Loaf Mountain and Corcovda Mountain with statue of Christ overlooking the City of Rio de Janeiro.

He has worked on well known projects such as Lincoln Center, Dulles International Airport, Segrum Building, Museum of Western Art in Fort Worth, Petroleum Club in Houston, General Motors Technical Center, John Deere Building, Toronto City Hall, Mies Van der Rohe Building.



KELLY

Charles Pfister, a fourth-generation Californian born in Santa Rosa, graduated from the College of Architecture at the University of California in Berkeley. After graduation, he spent an additional year at the Rudolph Schaeffer School of Design in color work.

He traveled to Europe to work for the importing firm of Cost Plus as an antique buyer and to work with European manufacturers in adapting their designs to American taste; he also designed new lines of furniture, carpeting, fabrics and glassware.

Pfister joined Skidmore, Owings & Merrill as a Project Designer and has worked on many of the firm's major projects.

The title of Mr. Pfister's part of the program is "Buildings Should Be Designed From the Inside Out, or, Is Frank Lloyd Wright Still Alive and Living in Argentina with Elsie de Wolf?" or "Would You Want Your Daughter to Marry a Man Who Plays Piano In An Architect's Office?"



PFISTER



NEWLY REGISTERED ARCHITECTS

State of Texas

Be it known that

has given satisfactory evidence that he has the qualifications required by law and is hereby authorized to employ in the State of Texas the title of

Architect

Texas Board of Architectural Examiners

Abilene:

Bohnert, Reuben E.
Helton, Rondald B.

Amarillo:

Garrison, Ray C.

Arlington:

Lam, Gene A.

Austin:

Craig, Tommie A.
Grierson, Iran Jan
Hintner, Evan D.
Knippa, Ernest A.
Tilley, Charles
Tonahill, Jay D.
Smith, V. Raymond
Wade, Bob G.

Baytown:

Kurc, Howard A.

Cleburne:

Gray, William M., Jr.
Wolfe, Thurman A.

Corpus Christi:

Hall, Frank H.
Tucker, Marcus R.
Upchurch, Clarence O., Jr.

Dallas:

Boyd, Robert Joe
Boyter, James E.
Bradley, Michael G.
Brown, James Lee
Bryant, Lee A.
Carpenter, Jerry L.
Hawes, Velpeau E., Jr.
Herman, Keoneth R.
Mayer, Anthony F.
Murray, Robert J.
Myers, Randolph P.
Newton, William W., Jr.
Reynolds, Robert K.
Rutherford, Gene R.
Sumner, Alan R.
Tabony, Lawrence
Volk, Leonard
Walker, Paul
Wisley, Jerry L.

Denison:

Covington, Ralph E.

Fort Worth:

Bradbury, Phillip Wilson
Campbell, Richard W.
Estill, Ronald W.
Gober, Terry M.
Inglis, Curtis L., Jr.
McCulloch, James C.
Nelson, Gerald M.
Wooten, James R.

Galveston:

Hall, Billy B.

Georgetown:

Vaught, S. Murphy

Houston:

Ambrose, R. A.
Belschner, Andrew
Bueker, Ronald C.
Brooks, Joe B., Jr.
Bustid, Newell N.
Cherry, Edith Ann
Doyle, Peter
Garcia, Julian
Hanshaw, William G.
Hermes, Leroy
Knight, Charles A.
Kury, Michael A.
Lester, William Sumner
Ligon, Charles W.
Locher, Eben H.
Luther, Ott Littleton
Matthews, Fred
Merliss, William S.
Moseley, Norris W.
Munson, John H., Jr.
McEnaoy, Michael Y.

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Stadler, Allan E.

Thorman, David Frederick
Wilson, Donald T.
Wynne, Robert L., III
Zapalac, Emil F., Jr.

Lubbock:

Fraser, Ray L.
Powell, Raymond D.
Smyrl, Billy M.

Marshall:

Ralph, Bryan

Mesquite:

Crook, Joe W.

Odessa:

Belcher, Lonnie L.

Richardson:

Brown, John Hall, Jr.
Halcomb, Jerry L.
Meyer, James Hoyt

San Antonio:

Biankman, Richard
Bradbury, E. J., Jr.
Flatt, Richard F.
Haywood, Norcell D.
Humphries, James L., Jr.
Kell, John H., Jr.
Marin, Raul A.
Moore, Richard
O'Neill, Larry J.
Perez, Andrew III
Pressly, James B.
Rodriguez, Joe F.
Sanchez, Richard
Schubert, Charles E.
Viramontes, Louis
Watson, George
Watson, James Kenneth

Waco:

Raso, Joseph Jr.

Wichita Falls:

Maloney, Michael O.
Rucker, James Ronald
Seligson, Sidney

Little Rock, Arkansas:

Scott, Wallace W.

Moberly, Missouri:

Boehner, Robert C.





Survey 1968 School of Architecture, The University of Texas at Austin

It is the School of Architecture's belief that interaction with people of many roles and disciplines is necessary if the environmental needs of society are to be satisfied. Spring survey 1968 was the second survey conducted by the school as a means of implementing this belief.

The general purpose is to provide an environment for the lively dis-

Robert Mather & Phil Hendren

ussion of problems and issues among students and invited educators and professionals. Attention is focused on recent student work on display. The program reviews a broad cross-section of this work, with certain projects being selected as a focus for close analysis and significant discussion. Survey

evaluates students' potentialities and deficiencies, and considers their relationships to each other, to the design professions and to society.

Survey annually provides an opportunity for mutual exposure in which both students and professionals observe and experience other's "hang-ups" and enthusiasms.



4th Year Project

Tom Shefelman

Instructors in 4th year design agreed to further develop during this last school year programs involving the class in inter-disciplinary attacks upon actual community problems. The class would search for and clarify roles played by the physical environment in human activity, experience and attitudes. Then, hopefully, it would seek, propose, even implement new roles and opportunities for particular groups of people supported by appropriate changes and responses in their physical environment. This process has been previously described as "design advocacy." This process does not replace professional services. It occurs usually before needs for professional services are even recognized or established and certainly before the means for getting such help is in sight.

At the same time it gives our students a living learning experience that cannot be matched; and, some students through this involvement experience roles open to them in addition to the traditional "servant of affluence" role.

For one group of last year's 4th year students, the Austin State School for Retarded Children and the Austin State School for the Blind served as living, learning, experience laboratories.

An essential condition of the experience was our students' continuous involvement with the many people in other disciplines who were already engaged in the evaluation, development and implementation of programs and supporting environment for mentally and physically handicapped children.

Many students grew significantly in their awareness and understand-

ing of human beings and truly how the environment and human beings interact.

Meanwhile, many in the other disciplines began to display greater awareness of the problems, the attributes, the opportunities and choices available in their physical environment. The school year effort brought forth the development of interdisciplinary communication, emerging sets of common values and goals and, finally, common projects. Among those efforts were the following:

1. An "Experience documentary" in sound and slides produced by David Stautz and Bill Von Rosenberg with important contributions by several others. This conveyed powerfully the impact of a first visit to one of the older Austin State School wards.
2. A collaborative effort by Paul Huffman of our class and Dan Overbech of the Austin State School staff to evaluate one of the wards in terms of its enhancement or inhibition of effective programs for retarded child care and development. Then they proposed changes ranging from modification of the existing ward to a whole new kind of living-learning environment for these children.
3. Diagrams by Jon Gilbreath and Paul Peters for visualizing and evaluating the relationships between basic institution functions and for visualizing and determining their growth.
4. Conversion by Chris Carothers, Paul Jurecka, Ronnie Rogers and Ray Goodman of a "large motor activity" class room at the State School into a "Sense Perception Room." In fact, they were given the opportunity to test the conclusion reached earlier that children with handicapped and deprived senses need an even more "keyed up" environment than normal children.



Culmination of many of the students work was a presentation in May, in Austin, to the Institute for the Blind Child Functioning at the Retarded Level. The institute was co-sponsored by the University of Texas, Austin State School for the Blind, the Austin State School for Retarded Children and the American Foundation for the Blind. People attended from all over the U.S.

A number of our students presented their work and their ideas. They received an enthusiastic response that gave them additional confidence in the significance and merit of their 9 months' work. Response to their work is still being felt through continued inquiries for information from out of state and locally for the School of Architecture participation in more programs for handicapped children.



Junior College Program

Richard Dodge

In an effort to provide students of outstanding academic achievement the opportunity to complete their formal architectural education in less than the usual time, the School of Architecture this summer made available a two semester honors course. Its completion would satisfy all architecture requirements of the Senior year except architectural history. Students from the honors course are then freed from the formal architectural curriculum of the regular session and would find it possible to broaden the scope of their education by taking up course work in other Schools and Colleges of the University. Transfer students from other disciplines or students with previous degrees have the opportunity of earning their professional degrees in Architecture in four years rather than five.

The city of Austin has recently been confronted with the problem of having to decide whether a Junior College has any role to play in the community. An increasing number of communities in Texas and in the United States

have felt that Junior Colleges fill certain educational needs that can not be met by existing educational institutions. Junior Colleges are growing in size and numbers at an increasing rate. Discussion with the administration of the College of Education revealed that among educators there is great concern over the planning and design of Junior Colleges. A project that would bring the College of Education and the School of Architecture together to explore the planning and design problems of a Junior College was considered ap-



appropriate. The College of Education made it possible for a group of graduate students in the Junior College Administration Program to enroll in the Summer program as a part of their course work toward their Doctoral degrees.

The final group of fifteen architecture students and four administrators was formed into three teams, each team being complemented by a member of the School of Architecture faculty. The groups or teams were structured as workshops, instructor and students working as a team to pursue the full range of issues involved in Junior College planning and design: the development of concepts concerning the place of the Junior College in the community, how the individual should relate to the institution, establishment of design criteria and an educational program complementary to established goals.



The Texas Historic Forts Project

Roy Graham

During the summer semesters of 1968, the School of Architecture of the University of Texas at Austin was under contract with the Texas Parks and Wildlife Department to compile a detailed report on the architectural history and construction information necessary to initiate the restoration and reconstruction of five nineteenth-century West Texas forts.

The forts included in the research project were in operation intermittently from 1848 to 1883 and include Fort Leaton, Presidio County; Fort McKavett, Menard County; Fort Lancaster, Crockett County; Fort Richardson, Jack County; and Fort Griffin, Shackelford County. These forts were manned as federal installations by U. S. troops except for Fort Leaton which was a baronial fortification in the center of the great Comanche War Trail. After the threat of Indian wars subsided on the frontier, the forts were abandoned or replaced.

Under the supervision of Roy Eugene Graham, Assistant Professor of the School of Architecture, the research team consisted of four architecture students from 3rd to 5th year, David Green, Lloyd Hawthorne, Mike Penick and E. W. Von Rosenberg. Gus Hamblett, an architectural historian, joined the group for the second session. The students were able to experience the processes of research into historic architecture through their participation on the team.

The study endeavored to determine as accurately as possible the building methods and materials used during the course of construction of each fort in order to evaluate the reconstruction potential. An analysis of the current conditions of the ruins and the sites, and the necessary emergency stabilization and repair requirements were other considerations included in the report. Suggestions as to what the buildings and



grounds of each fort offer in the way of reconstruction potential have been submitted with drawings which will be used as guides to the reconstruction.

Also determined during the course of the project and presented in the report are criteria to be followed in the architectural restoration of the forts and suggestions as to the procedure to be followed by state agencies in similar restoration projects. The policy has been to document fully the plans for each interpretive or developmental feature with an eye to placing the survey in such a position that it can justify any stabilization, reconstruction, or restoration proposal.

In an effort to present as much information as possible about the appearance of the forts at the time of their peak occupancy or chief historic importance, the research group drew heavily from information obtained from on-site investigation and various primary documentary sources, such as the Records of the U.S. Army Command Posts in the National Archives, the Old Military Records Branch of the Department of the Army, the files of Historic American Buildings Survey, the Texas Archives, the University Archives, and many private collections of letters and photographs.



The Computer in Environmental Design

Phil Hendren

A considerable effort is underway at the School of Architecture in the area of computer-aided techniques in environmental design. With the strong alliance of the University Computer Center, the School is now developing important capabilities in computer graphics and information retrieval. In September, two time-sharing teletypes were installed in the Architecture Building specifically for use by students and faculty. This on-line facility which shares time on the powerful CDC 6600 computer, will be used for teaching, (Arc. 340L, "The Computer in Environmental Design"), and certain specific research projects especially dealing with information-retrieval systems.

Some of the computer-aided capabilities which are presently available for use by the students include:

1. *Perspective Drawing*, four separate systems, including hidden-line eliminations.

2. *Solar Analysis*, a program for charting shadows cast by and on building forms.

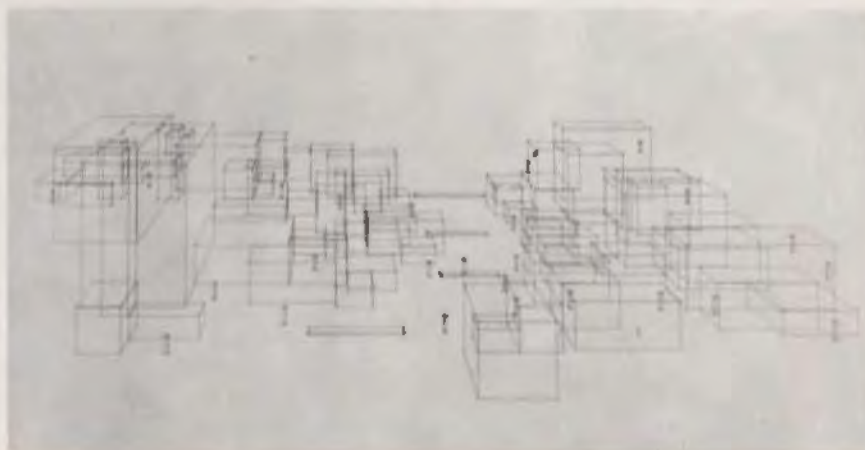
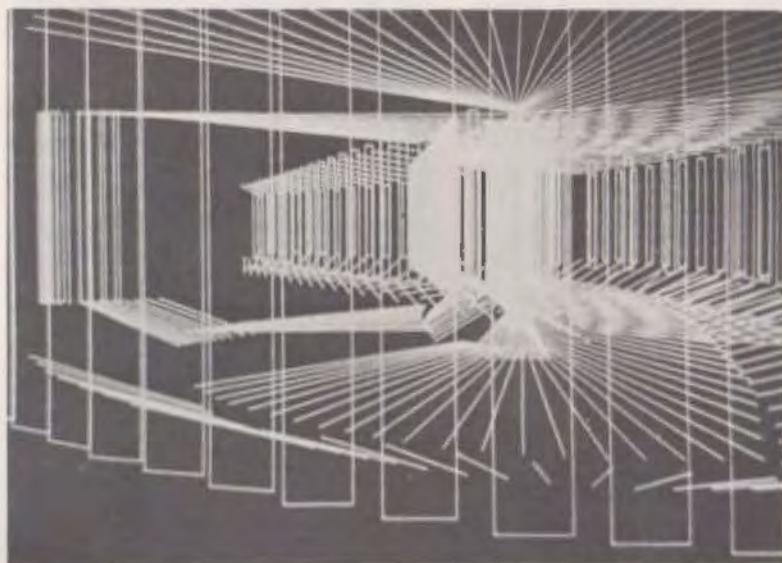
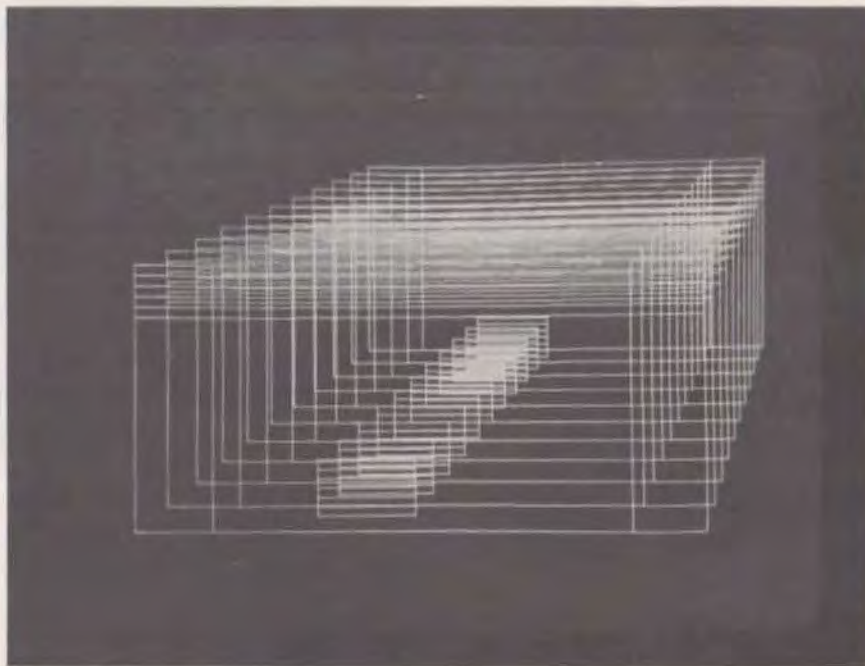
3. *Plan 6*, a program for matrix recomposition by random tests and scores.

4. *Maps*, several mapping programs are available for general use.

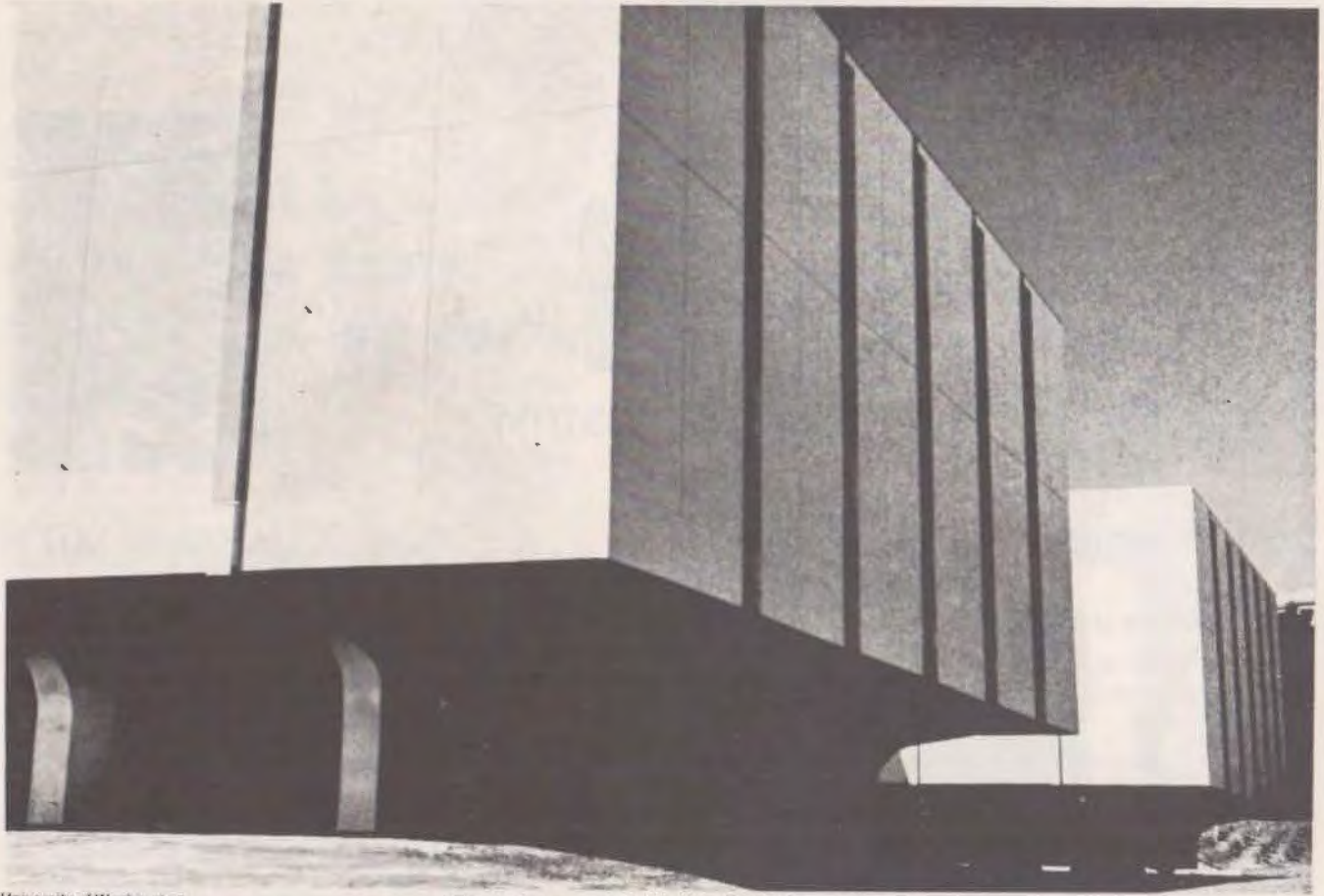
5. *Structure*, a large collection of structural analysis programs with special emphasis on graphic output.

6. *Special Applications* programs, on-line graphic input, CRT output.

Publications available which describe portions of this work may be obtained by writing directly to the School of Architecture. ■



There are many reasons why
you should use Marblecrete in your design.



University of Washington
Intramural Activities
Building, Seattle
Architect: Robert
Billsbrough Price
and Assoc., Tacoma.
Lathing and Plastering
Contractor: J. Jefferson
& Son, Inc., Seattle.
General Contractor:
Century Construction
Company, Seattle.

The Intramural Activities Building at the University of Washington provides an almost classic example. The University needed a strong, economical, good-looking building exterior. They got what they wanted by choosing Marblecrete. For a lot of good-sense reasons:

Flexibility: Any size or shape wall or wall section is possible with Marblecrete.

Texture: A wide variety of textures is available through the selection of an almost limitless number of aggregates.

Color: Color choice is unlimited. Let aggregate shades, matrix tints, and imagination be your guide.

Economy: Marblecrete's simplicity of construction offers budget-stretching economy.

Beauty: Marblecrete offers a distinctive beauty all its own. A beauty you create through your choice of color and texture. And a beauty that lasts, because Marblecrete is maintenance-free.

Specify Marblecrete made with *Trinity White* Portland Cement or Masonry Cement



General Portland Cement Company

Offices: Chattanooga, Dallas, Fort Wayne, Houston, Kansas City, Kan., Los Angeles, Miami, Tampa



IN MEMORIUM



JOSEPH PELICH

In loving memory of our architect, Joseph R. Pelich, Sr.

Creativity is said to be God in each of us. God is love. Love becomes the joy of many when its works are manifest in living, enduring symbols.

Our hospital is a symbol. Its form, once a dream, now stands, a real expression of love shared to give it existence. Joseph Pelich shared in this love and gave his dream, a design. His design tells the purpose of St. Joseph Hospital—to care for the sick and injured, to follow Christ's example in this effort.

Our hospital is the joy of many because it is a symbol of love. And it bears the memory of Joseph Pelich, this man who created. May his Soul rest in peace.

Memorium from *Newsartery*, St. Joseph Hospital, Ft. Worth.

Pelich designed the original Casa Manana in 1936, many of TCU's building, the terminal building at Greater Southwest Airport, St. Joseph Hospital and the KTVT Bldg.

Of the TCU buildings, his firm was proudest of the Robert Carr Chapel and the Daniel-Meyer Coliseum.

Pelich-designed homes are numerous, including the Douglas Chandor home at Weatherford, the new French chateau of Ralph Cummings in Western Hills and the Texas Moncrief home.

As one of the first cadet pilots for the U. S. Air Corps Service in World War I, Pelich was stationed in Fort Worth and trained with the Royal Flying Corps. He later attended Sorbonne University in France and graduated from Cornell University in 1916. He was a native of Ohio, but made Fort Worth his home after military service in 1919.

Pelich was a member of the Order of Daedalians, a fraternal organization for World War I military pilots.

Pelich in 1967 became the first architect to receive a Texas Restoration Award from the Texas State Historical Survey Committee.

Among other work, he restored the birthplace of former President Dwight Eisenhower in Denison.

JAMES D. WITT

By: Watson

SENATE RESOLUTION NO. 12

In Memory

of

Mr. James D. Witt

WHEREAS, With the untimely death at the age of 46 of James D. Witt, prominent architect, the City of Waco and the State of Texas lost an outstanding leader in civic affairs and in the architectural profession; and

WHEREAS, A native of Acuarillo, he attend school there, in Levelland and Lubbock, and was graduated from Texas Technological College in 1948 after attending The University of Texas at Austin previously; and

WHEREAS, He was associated with architectural firms in Lubbock and San Antonio before joining the firm of Spicer and Bush in Waco in 1950; only recently he had taken office as secretary-treasurer of the Texas Society of Architects, and Governor John Connally appointed him to the Texas State Board of Architectural Examiners two years ago, which he also served as secretary-treasurer; he was a director of the Texas Society of Architects and the Texas Architectural Foundation; and

WHEREAS, His local affiliations in the architectural profession were many; he was a former president of the Waco Chapter of American Institute of Architects and was vice-president of the Fort Worth chapter of AIA; and

WHEREAS, He had designed numerous commercial, industrial, and public buildings in Waco and other Texas cities and was also licensed to practice in Oklahoma, Arkansas, and Louisiana; and

WHEREAS, His civic interests included membership on various city boards and commissions, and he was a member of the City Plan Commission at the time of his death; and

WHEREAS, He was a director of the Waco Chamber of Commerce in 1966, was chairman of the Industrial Airport and Commerce Urban Development committees of the chamber from 1965 to 1967, he was an active pilot, owned a plane, and had commercial, multiengine, and instrument pilot ratings; and

WHEREAS, He was a member of the Austin Avenue Methodist Church in Waco; and

WHEREAS, In June 1947, he was married to the former Arlene Spivey of Siloam Springs, Arkansas, who survives, along with three daughters, Patricia Witt, Pamela Witt, and Jan Witt, all of Waco; and a son, Jim Witt, also of Waco; other survivors include his parents, Mr. and Mrs. Douglas Witt of Lubbock; and

WHEREAS, This distinguished citizen, who served his city and his state, will be missed by his family, friends, business, and professional associates, and it is appropriate that the Senate of the State of Texas pay tribute to him; now, therefore, be it

RESOLVED, That the Senate of the 80th Legislature, now convened in Special Session, does hereby recognize the service of James D. Witt, and that copies of this Resolution be prepared under the seal of the Senate of Texas for his wife and children and for his parents; and, be it further

RESOLVED, That when the Senate adjourns this day it do so in his memory.

Adopted by the Senate on June 5, 1968



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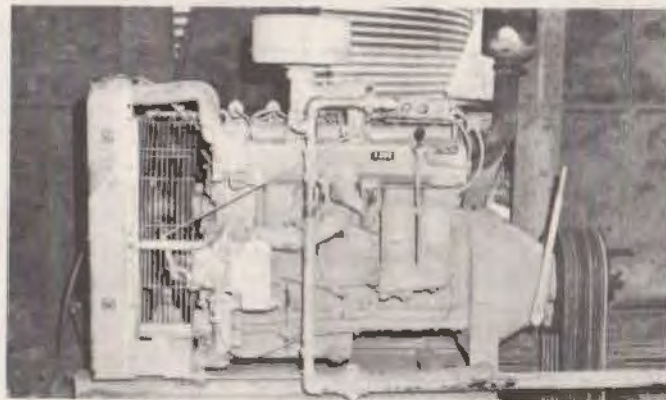
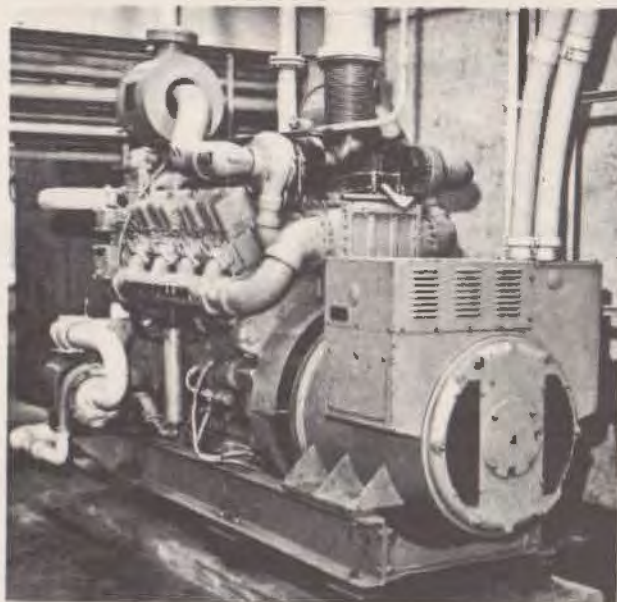
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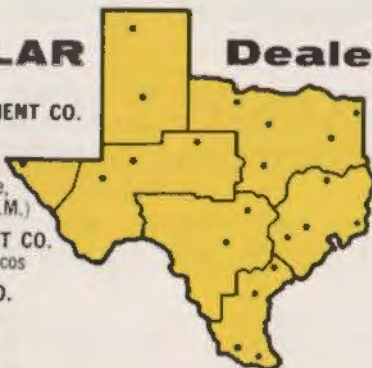
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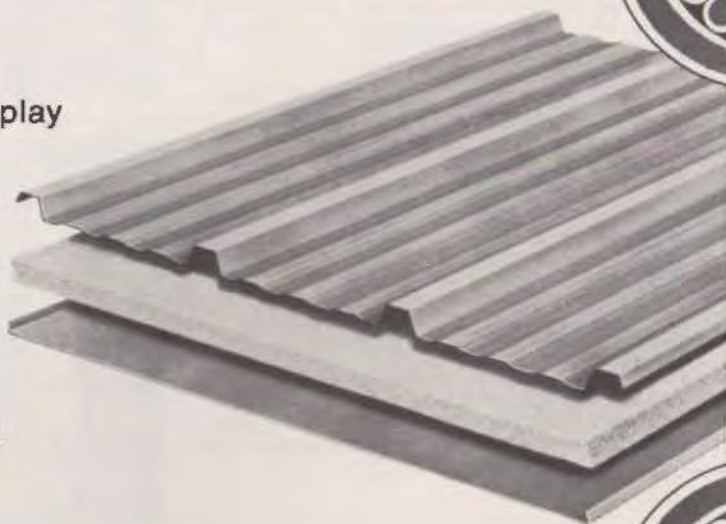
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(All Beaumont except where noted)

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THE FULTON MANSION

TEXAS HISTORICAL ARCHITECTURE

excerpts from a graphical essay by Donald Roberts, University of Texas

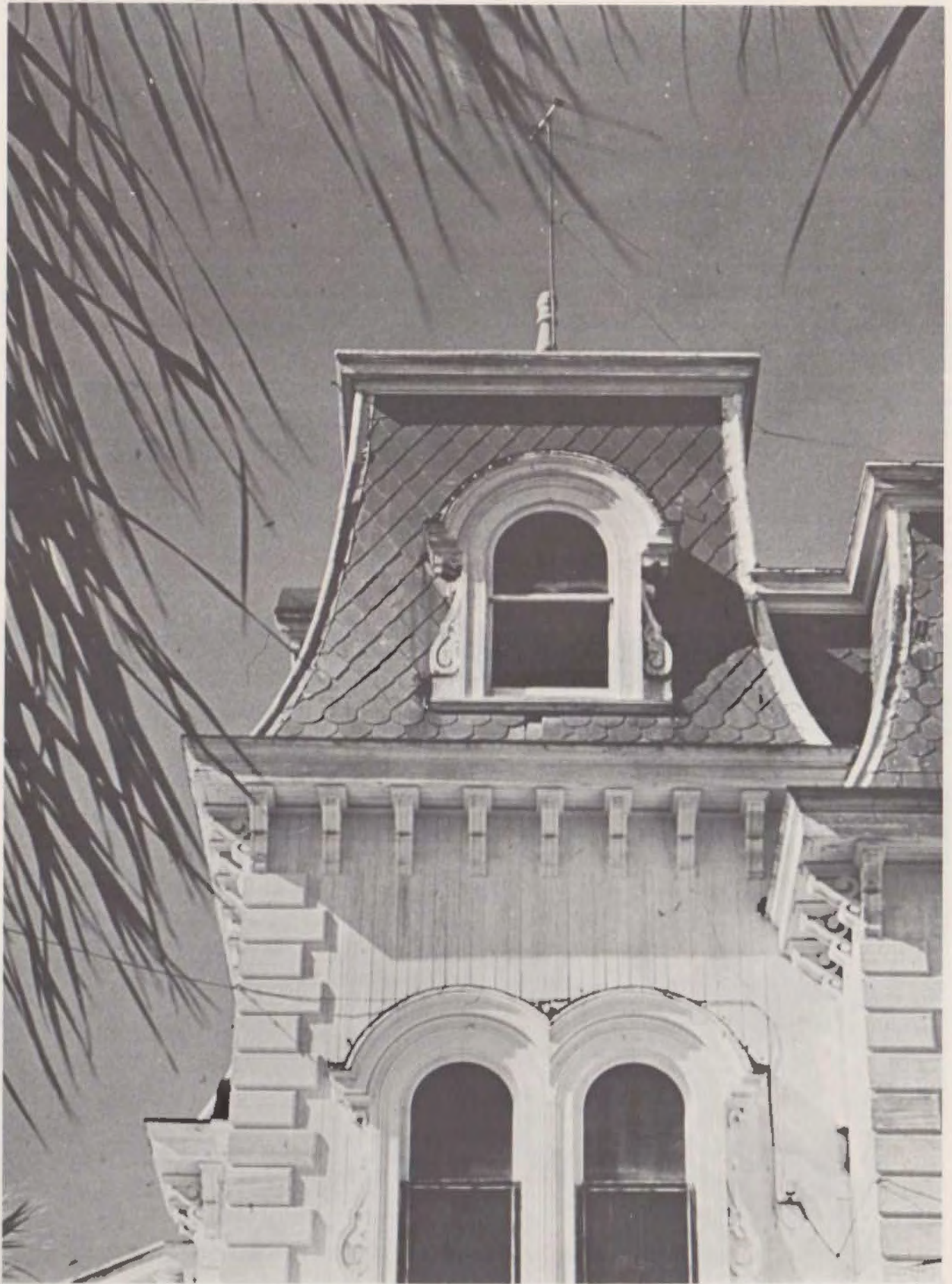
The Victorian Mansard home of George Ware Fulton is located on the Texas Coastal Prairie approximately fifty miles up the coast from the principal sea port of Corpus Christi. The house lies in Aransas County which was created in 1871 from Refugio County. Within the county lies an area of land surrounded by water on three sides and known as Live Oak Peninsula. It was on this peninsula that Fulton began building his home in 1872. The principal income for that area at that time was obtained from raising cattle. Since then, the area's economy has become based on fishing, tourist trade, cattle raising and oil production.

The climate is the main controlling factor for the area's character, although the clay soil condition could also be said to be an important factor. The clay soil immediately determined that farming would be a useless task, therefore, early Texas coastal settlers turned to cattle raising. The high humidity (averages 90% in the morning) and constant bay breezes never seemed

to bother the cattle, but tropical storms would. Since 1889, fifteen hurricanes have attacked the Texas coast and several have passed within this area.

Live Oak Peninsula must have surely had a reputation as a risky place to build a house, but Fulton built his there and only about one hundred yards from the water's edge. The house was not constructed in a conventional manner and still stands completely intact today. Nature, however, has broken under the constant strain and post oak trees along the bayfront have grown bent away from the winds (fig. 1). The unusual forms of the trees around the house produces the standard Victorian sinister silhouette as one approaches the mansion by the bay front road. The visual attraction of the house is so great that one tends to overlook the inexpensive tourist cabins that claim the surrounding area and even the trailer camp which presently occupies the once stately mansion grounds. The old iron fence which at one time separated the mansion





from the rugged vegetation also announced the visitors welcome as he drove up the circular asphalt paved drive.

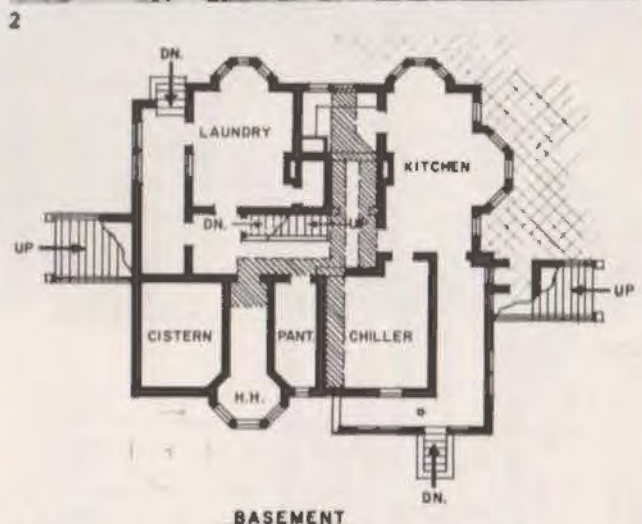
The house itself is a four storey structure set on a raised foundation and reveals the basement below (fig. 2). The plan of the basement (fig. 3), reveals the builder's concept of convenience in living. Food was stored in the pantry, perishables chilled in concrete troughs circulating water, meals were prepared in the kitchen, and served in the dining room above by way of a dumb waiter. The entire house was heated by a furnace which also supplied heat for drying racks in the laundry. An area was also set aside and used as a hot-house during the winter months when the first floor conservatory became too cold for Fulton's plants. Toward the rear of the basement, a concrete cistern as constructed below the first floor's rear porch. In a central location is the stair case going to the first floor and one that is reported to have gone to a three room wine cellar. The first floor plan (fig. 4) shows the location of the entry, parlor, study, conservatory, dining room, dining room service area, central stair case and first floor rest room. The entry and hall were laid in matching ceramic tile (fig. 5), while the tile in the dining room is of a different pattern (fig. 6). Each major room has a bay window with adjustable Venetian blinds which recede into the window jamb (fig. 7). The parlor was closed off from the entry by an elliptical sliding door, which emphasized the eleven foot ceiling height (fig. 8), while the dining room's bay window niche was set off by a wide elliptical arch. All of the doors except those just mentioned and the front and rear entry doors, are 3'-0" x 7'-5" doors with a 1'-6" transom. The front door is four feet wide with the 1'-6" transom, while the rear door is a 3'-6" x 7'-5" door with 1'-0" Palladian windows on each side and a 1'-6" transom. The latter door used its glass area to light the hall way. The four foot wide stair case runs the entire three stories and is arranged so that one can look up between the railings and see the halls of the second and third floors.

The second floor (fig. 9) has four bedrooms and one bath. Each bedroom was equipped with an individual wash basin (fig. 10) and adjustable Venetian blinds like those of the first floor. The bath was equipped with a tub, a wash basin and a water closet on a raised platform (fig. 11). The raised platform is said to have been built to accommodate the Victorian lady's enormous dress.

The third floor differs mainly from the second in that there are only three bedrooms and that the dormer windows are not equipped with Venetian blinds (fig. 12). The bath has remained approximately the same while two of the bedrooms have closets. The closets were placed there by the builder in an effort to conceal space between the third and fourth floor used to store valuables. The closets in the east bedroom are actually functional and have a secret door within that leads to the storage area (fig. 13). The south bedroom's closet is only a door leading directly to the storage area (fig. 14). In the hall, a small stairway goes above the secret room to the fourth or observatory floor. The small stairway also had an exit to the roof and a small window facing west. From the observatory, Fulton could look out of dormer windows and watch the ships arrive in the bay (fig. 15).

Fulton's mansion was much more than just a Victorian mansard house. It contained six very interesting technical innovations which were very far ahead of any of the buildings constructed in that South Texas area.

The first innovation was in the use of concrete as a structural material. Throughout the house, whenever concrete was used the concrete mixture consisted of washed sea shell as an aggregate, plus the cement. The use of this type of concrete is not unusual





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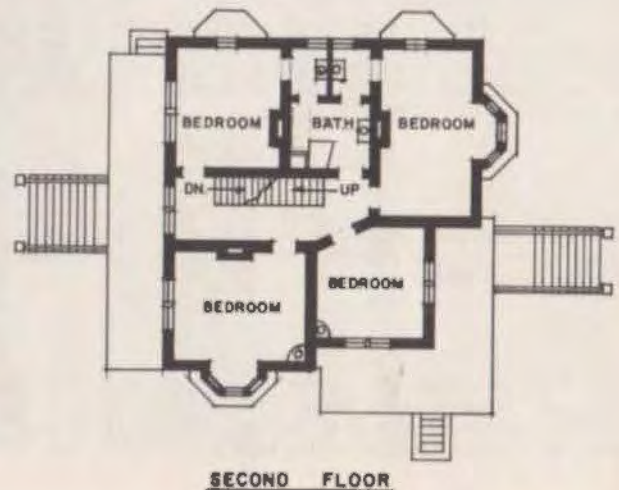
for the coastal area. The old abandoned shipping town of El Copano (1749-1880) was largely constructed shell aggregate as were numerous homes in other locations. The unusual thing is that the concrete basement walls support a concrete floor reinforced with iron rails on approximately three foot centers. These rails are visible along with the low arched concrete that fills the space between them. The shell concrete was also used to construct chimney flues thereby eliminating the use of masonry altogether.

The second innovation is one that I have not been able to find a precedent for. Every wall of the house, including interior partition walls, is constructed of rough cut 1"x10" pine planks staggered and stacked in a laminated manner and secured to each other by stamped spikes (fig. 16)! The exterior surface was then coated with tar and covered with vertical v-joint, tongue-and-groove 1"x4" cypress siding that in some places ran the entire height from basement to eave. The interior of that wall, along with the partition walls, was finished by applying one inch of horse hair reinforced plaster to rough sawn, diagonally nailed 1/2" x 2" cypress plaster lath. The reverse curve of the mansard roof was achieved simply by cantlevering the planks in, while the cross-gable was constructed as illustrated in figure 17. The floors for the second and third storeys are of this same type of construction (fig. 18). Carbide gas lines run between the staggered planks, which were covered with cypress plaster lath and plastered to form the ceiling (fig. 19), while the floor was finished by filling the voids with oyster shells and then being covered with edge-grain pine flooring. The oyster shells were supposed to act as a sound absorbing material according to the mansion's present matron. A central heating system is the third technical innovation present in the Fulton house. Centrally located in the basement, this cast iron furnace (fig. 20) supplied heat to the upper rooms by way of mock fireplaces located in each room. Each fireplace contains a register which can deflect the heat into the room by moving a simple lever. On both sides of the fireplace, are located two vents, one high and one low, which a person could assume kept the room air circulating by way of a natural draft.



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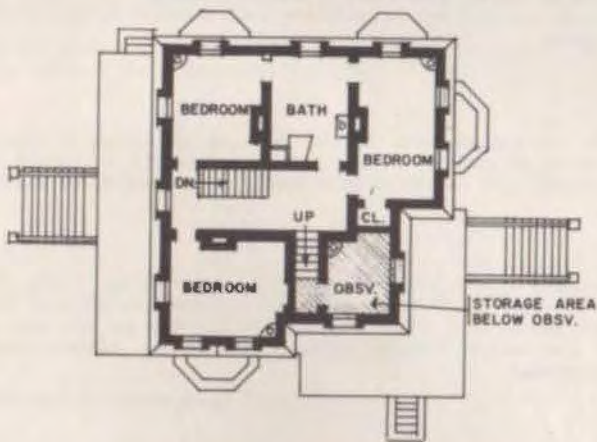




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THIRD & FOURTH (OBSERVATORY) FLOOR

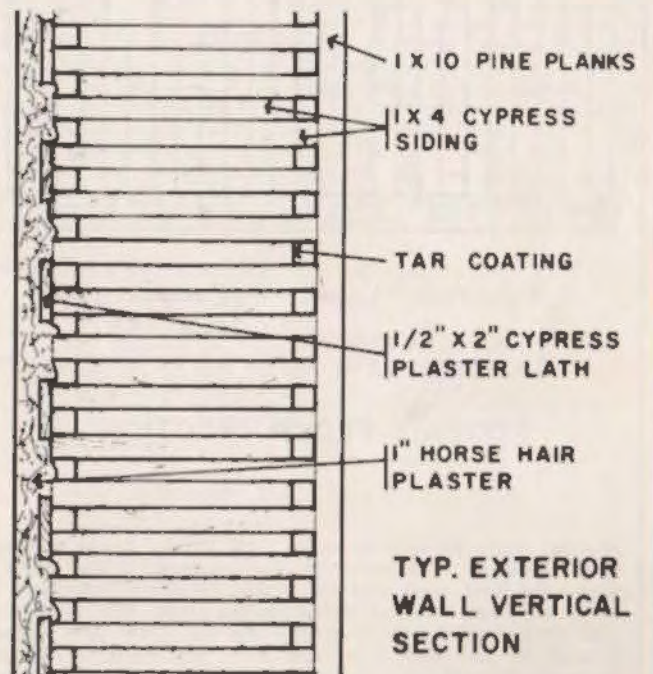
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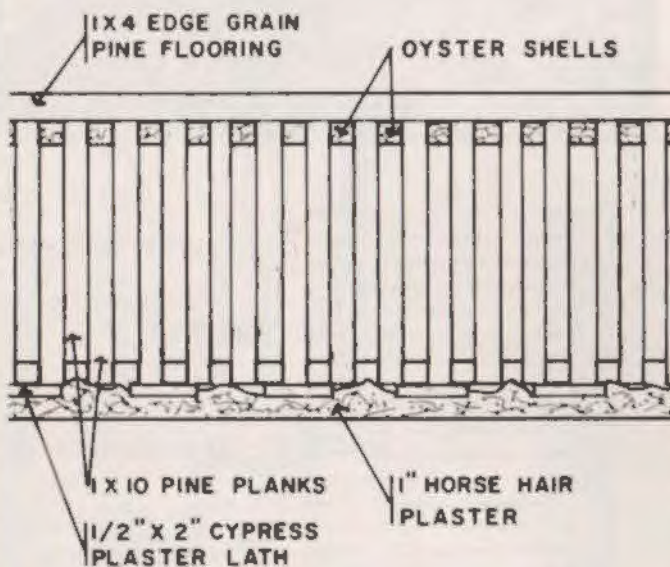




17



18



TYPICAL FLOOR SECTION

19

Natural draft cooling was also used in the house and represents a fourth innovation of the structure. Wood ducts run under the first floor and are visible from the basement. Cool air was drawn from an outlet on the north side of the house and from one that ran to the cistern. Only two vents are located on the first floor and those are both in the entry. Some stories state that the cool air also came out of the mock



20

fireplaces, but a quick inspection of the duct system tends to discount this theory. If the vents were left open, a natural chimney draft would draw the cool air through the house, thus making them useful during the summer, too.

The next significant aspect of the house was the carbide gas lighting system. The exact location of the gas producing plant is undetermined, but its operation was explained by the mansion's matron.

"As the gas pressure within the tank decreased, a measured amount of carbide crystals and water would be mixed automatically and would in turn create a new supply of gas."

Gas outlets can be found in every room of the house. There are always two above every mantel and some rooms were graced with gas lighted crystal chandeliers. Carbide gas was also used by the central heating furnace and by the kitchen cooking equipment.

A sixth and final innovation of the house was its advanced plumbing system. By placing the baths of every floor directly above one another, a central plumbing chase was created which also acted as a venting shaft. The plumbing for the sanitary water supply was run between the staggered plank walls and plastered over. Each lavatory had gold plated valves which controlled the hot and cold water supply. The hot water was supplied by a fifty-gallon copper boiler ordered from New Orleans. Two independent water systems were created. A windmill supplied water to a roof top tank which in turn supplied pressure for the water closets and other rough use; while cistern rain water was transferred to a tank by means of a water pump to create pressure for the drinking water.

George W. Fulton finished his house without apparent care for the cost. The following information reinforces this idea. Window and door frames of cypress, doors, sashes, shutters, Venetian blinds and door trimmings of black walnut, as well as window glass, ornamental gateposts and screens amounted to approximately \$11,586.08.

Plastering was done by William Delaney of New Orleans under a contract which paid \$3.00 per day, room and board and transportation to and from Fulton, Texas.

C. A. Devine of Refugio, Texas, contracted to paint the house for Fulton for \$2.50 per day plus room and board.

Marble mantels, slate hearths and hearth tile were purchased from New York.

Slate roofing was contracted from New Orleans.

French closet bowls, twelve inch marble basins with black-walnut stands and French tubs came from New York.

The furniture came from New York and included: a cedar chest, writing desks, leather lounge chairs, French bedsteads, spring and hair mattresses, love seats, a parlor suite, rocking chair, a chess table, veranda chairs, bookcases, hat racks and other items totaling \$3,582.35.

Carpets came from New York.

Custom made silver tea-service set, silver table utensils and a silver servant bell also came from New York.

Custom door knobs came from Philadelphia (fig. 29).

Crystal chandeliers were especially blown in New York.

Landscaping plants came from New Orleans.

The total cost of the house is not definitely known, but a newspaper editor in 1891 estimated that the mansion cost approximately \$100,000.00. This estimate is a large sum of money today, but back in the 1870's it was truly a large sum of money to spend on a house—especially in South Texas! After examining the Fulton mansion's physical or tangible aspects, the historical aspects of its creation become of interest. The origin of the building is a direct result of a 19th century gentleman's imagination and creation; even though proof that George Ware Fulton designed it is lacking.

The beginning of construction is most likely to have started in 1872 because the first mention of the house was made in Fulton's correspondence in 1874. Two years of construction before this seems likely and is reinforced by the research done on the subject by Ray Stephens in his book entitled *The Taft Ranch, A Texas Principality* (published 1965).

Nearly all information sources agree that the house was finished in 1876; but a letter in the Fulton Collection gives evidence that the house was finished early in 1877. The date is not critical and 1876 will be close enough for reference while examining the interesting life George Ware Fulton.

Fulton was born in Philadelphia in 1810 and learned the art of making watches and "mathematical instruments". When he was 18, Fulton left Philadelphia and spent eight years in Montezuma, Eugene and Vincennes, Indiana, working as a sign painter, bookkeeper, teacher and watch maker. In 1836, Fulton left Vincennes with a company of volunteers to fight in the Texas Revolution. March 4, 1837, Fulton landed at Matagorda Bay as a second lieutenant in the Army of the Republic of Texas. He resigned from the army May 31, 1837 one day before the Army was disbanded. For six months thereafter, he was a draftsman for the General Land Office and for the next two years he was customs collector in the District of Aransas. In 1837 he was awarded 1,280 acres of land in Refugio County by the Texas government for his military service. Later he located land claims on Live Oak Peninsula for the last Provisional Governor of Texas, Henry Smith, and in 1840 married Smith's daughter Harriet. Fulton made his home near Brazoria until 1846. That same year, he went to Washington D. C. to obtain a patent on a method of "Improvement in Propelling Vessels". George W. Fulton, who was a cousin to the Robert Fulton of steam boat fame, was successful and spent the next twenty years as a newspaper man, a general superintendent for various railroads, engaged in the manufacture of coal oil and as an assistant engineer on the Cincinnati Suspension Bridge under John A. Roebling. In 1867, Fulton moved back to Texas to be the executor of Henry Smith's estate (Smith died in the California gold fields in 1851). In 1871, he created the Coleman-Mathis-Fulton Pasture Company in an effort to take advantage in the exporting cattle market. Before this date, around 1867, many cattle were being shipped to northern markets by vessels of the Morgan Steamship Line. The advent of new processes in meat packing during the late 1860's increased the prospects of great fortunes for cattle raisers such as Fulton. In 1869, Fulton secured a patent for "Improvement in Apparatus for Slaughtering and Curing Meat", and by 1872 was shipping beefs by refrigerated ships. By the 1880's, the beef-packing business in South Texas failed because it could not handle the number of cattle produced and the advent of the railroad made cities such as St. Louis and Chicago the centers of beef-packing. Figure is a photograph of Fulton not long before his death October 31, 1893.

After Fulton's death his widow, in 1907, sold the mansion to J. W. Davidson, who spent a great deal of money improving it, and supported him and his wife by charging twenty-five cents admission to see the house. The mansion was sold by Mrs. Davidson in 1943 to a P. E. Gregg who, in turn, resold it to another man within a year's span. The ownership of the mansion since then is hard to follow, but, for a while, it was the Fulton Mansion Restaurant and is now the site of a trailer park. ■

Article layout by Donald W. Roberts

HOUSTON POLICE FEDERAL



TEXAS ARCHITECTURE 1967

ARCHITECT

Kenneth Bentsen Associates

Structural Engineer

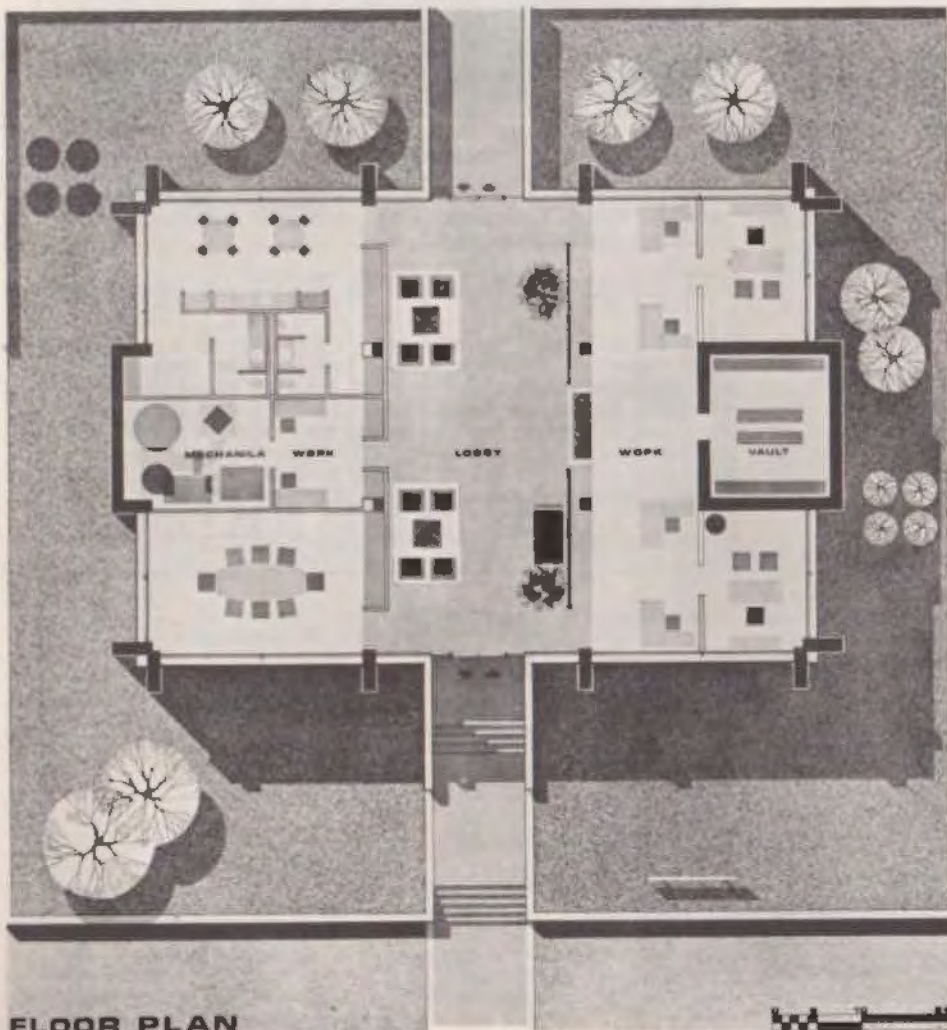
Walter P. Moore & Associates, Inc.

Mechanical Engineer

Davis-Lightfoot & Associates

Contractor

P. G. Bell Company



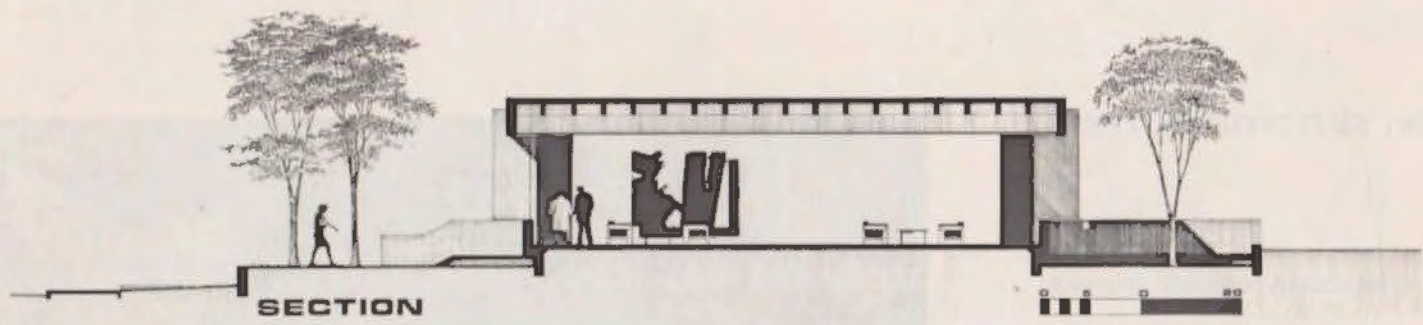
Design a policemen's credit union building with maximum parking, located in an old, low income area of the city now becoming resurgent with small commercial structures. The inclined site is located adjacent to a major roadway system and commands a superior view of the city.

Considering that the building was to be built for the city police, the architect attempted to express characteristics of dignity and strength in a straight forward structure which is basically stripped of all ornamentation. All exterior walls of the building other than the dark gray glass are of board finish concrete, natural in color. There was no attempt to correct voids or color variations which occurred in the concrete pour. The large glass sections and exterior door openings are supported by unpainted galvanized steel.

photographs
Bert Brandt and Associates
Frank Lotz Miller

CREDIT UNION BUILDING



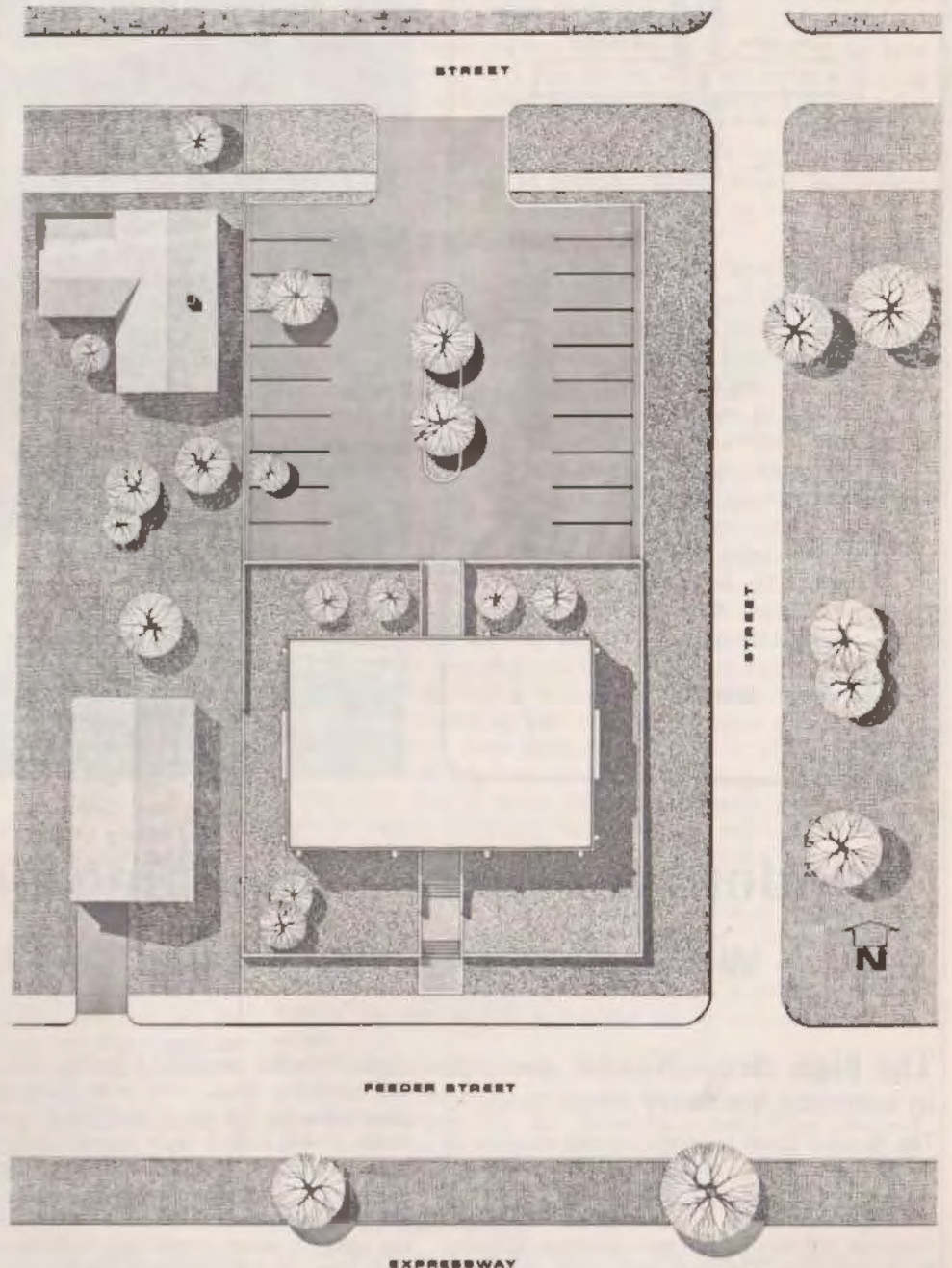




Houston Police Federal Credit Union

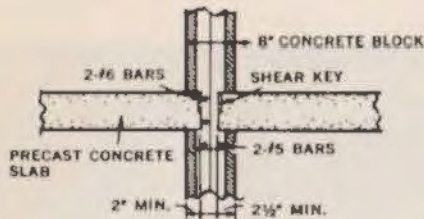
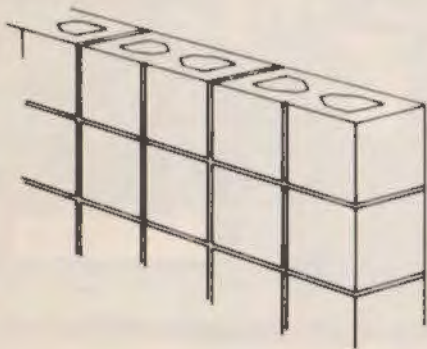
Materials utilized in the interior of the building are similar to those of the exterior, such as concrete aggregate floors, board finish concrete walls and glass partitions framed in steel. The interior is enriched with the inclusion of white plaster walls, walls covered by natural oak planking and area rugs and carpets.

The architects also were responsible for the design of the interiors and the landscaping. ■



SITE PLAN

C 5 10 20 40



Concrete block is coming up in the world—and fast. These loadbearing walls of scored 8" x 8" x 16" block were completed at a rate of one story per week over a four month period, enabling the owner to open for the summer season. Note how transverse wall system provides the amenity of balcony privacy. Integral scoring treatment in the modular unit evinces a more attractive wall network of 8" squares. The loadbearing walls support concrete floor slabs that were precast at the site.

Architect: Hendrik & Mock



Modern masonry is reaching new heights with loadbearing concrete block

The high rise—Newest concept in concrete masonry construction.

The Hanalei Hotel is another recent example of the far—and high—reaching structural advantages of innovative concrete block. Today concrete block possesses more compressive strength than ever before—yet still provides more wall area for less material and labor costs. This, combined with the wide variety of shapes, sizes, colors and textures, helps to elevate the most creative de-

signs; the most demanding loadbearing requirements to new highs. And with these structural advantages go the many traditional qualities of block always held in high regard: complete fire-safety, extremely high sound isolation (perfect for party walls) and impressive self-insulation head the list. Little wonder, concrete block is the building material more people are looking up to in high rises of every nature: hotels, condos and apartment buildings, college dorms, hospitals and office buildings.



LAGUNA MADRE SHORELINE FISHING

Excerpts from Corpus Christi Caller-Times Article by Roy Swann

Plugging Shorty knew just two speeds for his outboard: Stopped and full speed ahead. He knew just two things when he went fishing: How to catch fish and where. Plugging Shorty, proper name Anton Stettner, died of cancer years ago but his fishing legends, like his fishing lures, live on. Using his techniques and his lures, fishermen still can get a lot of fish.

Forgetting the lures, though, just take a rather typical morning of fishing with the old pro and gain at least one lesson on fishing Laguna Madre. His first fishing try was an easy place for everyone to start. This was the Humble Channel just south of the causeway. He'd make a drift and if the fish were there and had any size to 'em, he'd stay awhile.

From there, he went on out the Humble Channel and into the area of deep water adjoining Corpus Christi Naval Air Station. This is the boat hole, a good fishing spot both winter and summer. The boat hole is a heckuva good spot for all types of fishing simply because it has, in a generally small area, some deep water, grassy flats, sandy bottom and channels. You take your pick try them all.

Shorty preferred to drift this country, starting on the flats off the Humble Channel on the south end of the boat hole and going with the southeast wind on into the deep water. Again, if he found decent fish, he'd stay.

From there, Plugging Shorty liked to move to the bulkheads area off the Intracoastal Canal—perhaps deviating sometimes to fish a spot in Corpus Christi Bay known as Spoil Island, even though it long has been covered by two feet or more of water.

At the bulkheads, he'd wade the sandy areas on both sides of the Intracoastal Canal. The bulkheads are those little sand-and-shell barriers thrown up where Corpus Christi Bay merges with Laguna Madre. Here the fisherman has the chance of getting all sorts of fish and there's all sorts of waters. The bottom is hard and sandy and varies from inches deep to deep (to the bay) from a single casting point.

By the time Shorty had covered this fishing ground, the wind usually was picking up and he'd have enough fish to have "made the day." And with that taken care of, he went strictly for fun.

This meant, to Plugging Shorty, those big trout on the flats and shorelines of Laguna Madre, usually along the west, or King Ranch, shore. Down here, Plugging Shorty would drift, just as most successful fishermen today. That meant he'd hang the anchor over the gunwale, ready to drop. Then he'd stand on the anchor rope. When he got a strike, Shorty merely had to lift his foot and let the anchor ease down. If there was a school of fish, he'd be in them. If his next couple of casts missed, he'd pull the anchor and drift. Shoreline fishing was Shorty's strong point if for no other reason than he worked at it. He could spot those big ol' sow trout even in murky water. He could distinguish their slow, lazy motion from anything else. And he could cast like few others. He always said, "If you cast 100 feet and the fish is out there 120 feet, you don't get him; but if you cast 120 feet and he's out there 100 you pull back over 'im." And he'd always outcast his partner by about 20 feet.

That meant special equipment for Shorty and he preferred a 9-foot spinning rod with plenty of backbone and a fast tip. Using a two-handed, surf-casting technique, he could sail those lures. For the last 10 years he fished with nothing but openface spinning reels.

There's a lot to be learned by analyzing just what Plugging Shorty was doing. Mainly, he moved constantly, preferring to find the fish rather than waiting for them to find him. That meant lots of drifting, running and wading.

Secondly, he knew many different areas to fish where there are different kinds of water, different types of bottom, and, to be truthful, different kinds of fish and fishing.

Channel fishing is easiest of all for the beginner. To do this, you simply do what the crowd is doing. Fish with a bottom rig, free shrimp, use a popping cork . . . or toss a plug, spoon or plastic worm. Just watch what the others are doing and, if it works, do the same. Also, ask the bait stand operators. They can keep tabs on this type of fishing better than any other.

For this type fishing, I prefer a double rig—usually a regular twin jig rig. I put a plastic worm or a jig on one lead and a live shrimp on the other. This way I can work the edge of the channels and bump the lure along the bottom, keeping the baits moving constantly. Or I can put the same rig under a popping cork. It works well either way and assures some double-barreled action.

If you plug the channels, remember to work the lures near the bottom and as slowly as possible. Seldom does a fast retrieve work well. And in the channels, remember to work the edges. That's where most of the good fish hang out.

Plugs most popular for all Laguna Madre fishing boil down to about half a dozen. The Mirr-O-Lures in silver with red or green backs and the gold with red or green are favorites. Bingo Lures of many colors, particularly pinkish ones, are good. The Hump 5 is tradition already. King of all hardware down this way is the Johnson spoon, gold or silver. The small, tough salt water worms are hottest items on the coast right now, though, and white or yellow jigs work well.

Shoreline fishing for Laguna Madre's huge trout is something comparable to little else. We merely wade the shallow water near the shoreline—I almost never get in water more than two inches above my knees and I'm an average 5-foot-7. We actually hunt for the trout, many times not even bothering to cast except when we see one.

These trout will cover a strip of shoreline for several miles and you often have to locate them daily. Sometimes they'll stay in one sector for a day or two and sometimes for weeks but they seem to migrate up and down the shoreline at their leisure. These big specks move lazily, often hardly at all. They almost look like a small log lying over the white sand. And they don't really spook from a wader the way you might expect. If you make a sudden movement they sometimes will race off but it seldom is for more than five to 10 yards. Once they see you, though, they seldom take a lure.

That means you wade slowly and you cast long, trying to put the lure within reach and sight of the trout. They are not actually aggressive about taking any lure, usually simply moving in on it and picking it up. Thus, it takes a slow-sinking lure most of the time as well as one that can be retrieved very, very slowly.

Only the winter and spring fishing changes his feeding habit. When the big trout are in the channels and deeper areas—like the boat hole—they hit shrimp very well. They also will take all sorts of lures more regularly and, for sheer numbers of these big fish, these are the times the average fishermen can catch the most. It's just not the same fishing as wading and hunting for them, though.

Spring and summer is the time for this; the time when a guy has to make tracks to find his fish. This is the time when he should imitate Plugging Shorty and hunt and fish, move and look. Once he locates his quarry, he's in for a grand time. ■

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new dimensions in building

CORPUS CHRISTI



U. S. NAVAL AIR STATION—The Corpus Christi Naval Air Training Station, the largest of its kind in the world and the headquarters of Naval Air Advanced Training Command. During World War II, the station trained over 40,000 Naval Fliers. Since then, an average of 500 Naval pilots per year received training at the station.

ARMY HELICOPTER REPAIR—The United States Army Aeronautical Depot Maintenance Center (ARADMAC) is the largest single industrial complex in South Texas. ARADMAC is the worldwide headquarters for Army helicopter maintenance including component parts. Damaged helicopters from Vietnam are shipped to ARADMAC for overhaul.

CORPUS CHRISTI MUSEUM—Here you can see the story of the Karankawa Indians, those surly scavengers who ate their enemies and smeared themselves with alligator grease to repel gnats and sand-flies. Along with their artifacts are exhibited seashell collections, natural history groups, live fish, excavated treasures from Padre Island and the old frontier days, and the myriad other displays that make the Museum one of the best in Texas.

TAYLOR'S ENCAMPMENT—Kinney's Trading Post was the only Anglo-American settlement between the Nueces River and the Rio Grande, which area was claimed by both Texas and Mexico. When the United States decided to support Texas' claim to the disputed territory, General Taylor and the United States Army arrived at Corpus Christi. After the annexation of Texas, Taylor marched southward to the Rio Grande and on to the Mexican War.

UNDER THE HARBOR BRIDGE—Here a marker commemorates the creation in 1846 of Nueces County. Sixteen other Texas counties, and parts of still others, have been carved from the original Nueces County boundaries.

Another marker is dedicated to Robert Driscoll for his public service in the building of the deep water port of Corpus Christi, completed in 1928 and ranking today as the ninth port in the nation.



CORPUS CHRISTI



WRATHER HOUSE—This small house is one of the few remaining examples of shell-crete construction, a popular type of building in early Corpus Christi. It is built of cast blocks of concrete made of baked, pulverized shells, using large seashells rather than gravel, and held together with lime made from burnt oyster shells. Built by William Baker Wrather in the early 1860's, it withstood the pounding waters of the 1919 hurricane and served as a refuge during the storm.

MERRIMAN HOUSE—Walter Merriman built this house of three gables in 1851, using hand sawn, native woods held in place by square nails. It was used as a hospital during the Civil War and again during a later yellow fever epidemic.

CIVIL WAR MARKER—This memorial tells the story of the bombardment of Corpus Christi by Union ships in August, 1862 and the looting of the city by Federal troops who occupied Mustang Island during the fall and winter of 1863. The site of the Confederate shore battery was approximately a block west of the marker, near Water and Belden Street at what was then the bayfront.

BAYVIEW CEMETERY—The first United States military cemetery in Texas and the oldest burial ground in Corpus Christi was laid out by army engineers for ten of General Taylor's soldiers who died in the explosion of the ancient boilers of the steamer **DAYTON** on September 12, 1845.

CENTENNIAL HOUSE—Built in 1848-9 by Capt. Forbes Britton, who first came as a lieutenant in General Taylor's army, Centennial House is the oldest building standing and the first two-story residence erected in Corpus Christi. The foundation walls, 18 inches thick, are made of an oyster shell composition widely used here in the early days, and timbers in the structure are cypress brought from New Orleans by boat. The house is one of the two best remaining examples of classic revival architecture south of San Antonio. After serving for a number of years as an office building for Southern Minerals Corporation, it is owned now by the Corpus Christi Area Heritage Society and open to the public.





Porfirio Salinas

Porfirio Salinas puts finishing touches on "Bluebonnets in Shadow"

"His is not the art of neurosis and tranquilizers, but of hot dirt under bare feet, of lonely shady oaks beckoning the hiker, of watermelons cooling in the creek . . ." Texas Parade Magazine

The world and works of Porfirio Salinas . . . the beauty of Texas that lives in the works of Salinas. A beauty internationally acclaimed; Salinas' paintings hang even in the White House.

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These lithographs make wonderful Christmas gifts for someone special. But remember, this printing is on a first come—first served basis as the editions are limited.



1. Bluebonnets in Shadow

24" x 16"

\$15.00



2. Lazy Afternoon

24" x 16"

\$15.00



3. Rio Frio

24" x 18"

\$15.00



4. Deer Country

24" x 16"

\$15.00

Social Notes . . . 4¼" x 5½" of seven color illustrations are available at \$2.00 per box of ten. A memorable gift for all ages.

Lap Kits . . . 20 notes and 20 envelopes with "Bluebonnet Time in Texas" on the cover. \$1.50



5. *Breath of Spring—Texas Bluebonnets* 24"x18" \$15.00



6. *Pedernales Country* 24"x18" \$15.00



7. *Bluebonnet Time in Texas* 24"x18" \$15.00



8. *Bluebonnets and Oaks* 24"x36" \$19.50



9. *Rocky Creek* 24"x36" \$19.50

Two NEW Salinas Lithographs!

"Bluebonnets and Oaks" and "Rocky Creek" (shown above) have just been authorized for reproduction. They are larger than the others, 36" x 24", and are available at \$19.50 each.

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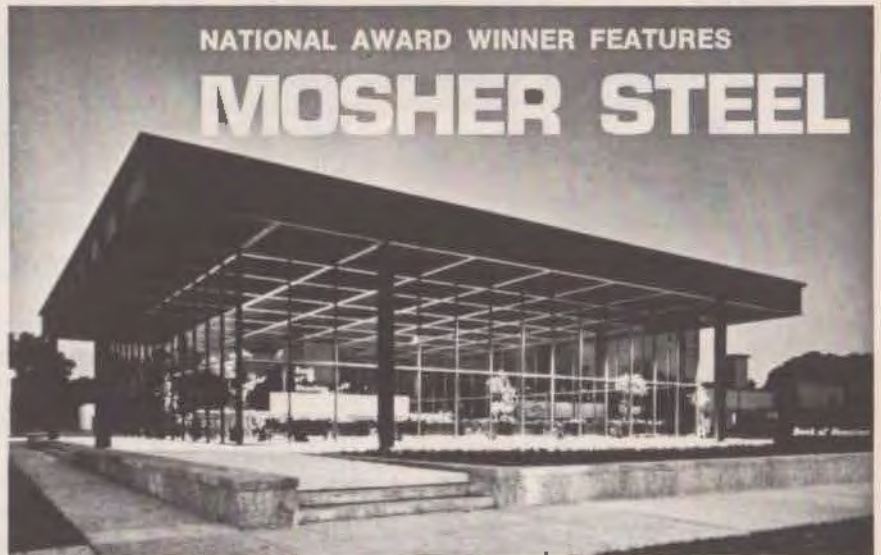
Texas Architectural Foundation

The Texas Architectural Foundation was established in 1952 by the Texas Society of Architects for the purpose of receiving and disbursing funds to further architectural education and research in Texas. The funds of the Foundation are received as gifts and memorials from our members, our friends, and our friends in industry, and our ladies auxiliaries.

Specific continuing programs in our architectural schools are sponsored by the Featherlite Corporation and the Monarch Tile Company. These programs have been annual awards for over 14 years and have given the students proud achievements as well as financial reward. There are two programs providing funds for student loans sponsored by the Texas Clay Products and the Texas Concrete Masonry Association. These sponsors, through the Foundation, have made it possible for many young architects to continue their educations or improve the quality of their pursuits.

The Foundation also provides funds annually to the architectural schools for faculty members to attend the AIA-ACSA Teacher Seminar. A recent successful program, started this year, is the funding of the AIA-Student Regional Seminar, a conference of students on architecture.

The Foundation is yours, and through its support, you assist in building a strong profession for the future.



Architect: Wilson, Morris, Crain & Anderson
Structural Engineer: Walter P. Moore
General Contractor: P. G. Bell

BANK OF HOUSTON selected for AISC Architectural Award of Excellence

One of 15 buildings selected from 158 entries, the Bank Of Houston received the 1968 Architectural Award Of Excellence, sponsored by the American Institute of Steel Construction.

The Award Citation (in part) reads:

"This is an attractive and well detailed building. The two-way truss design of the roof presents an attractive pattern in exposed steel and creates a highly versatile column-free interior."

Another example of Mosher's Award Winning Dimensions In Steel.

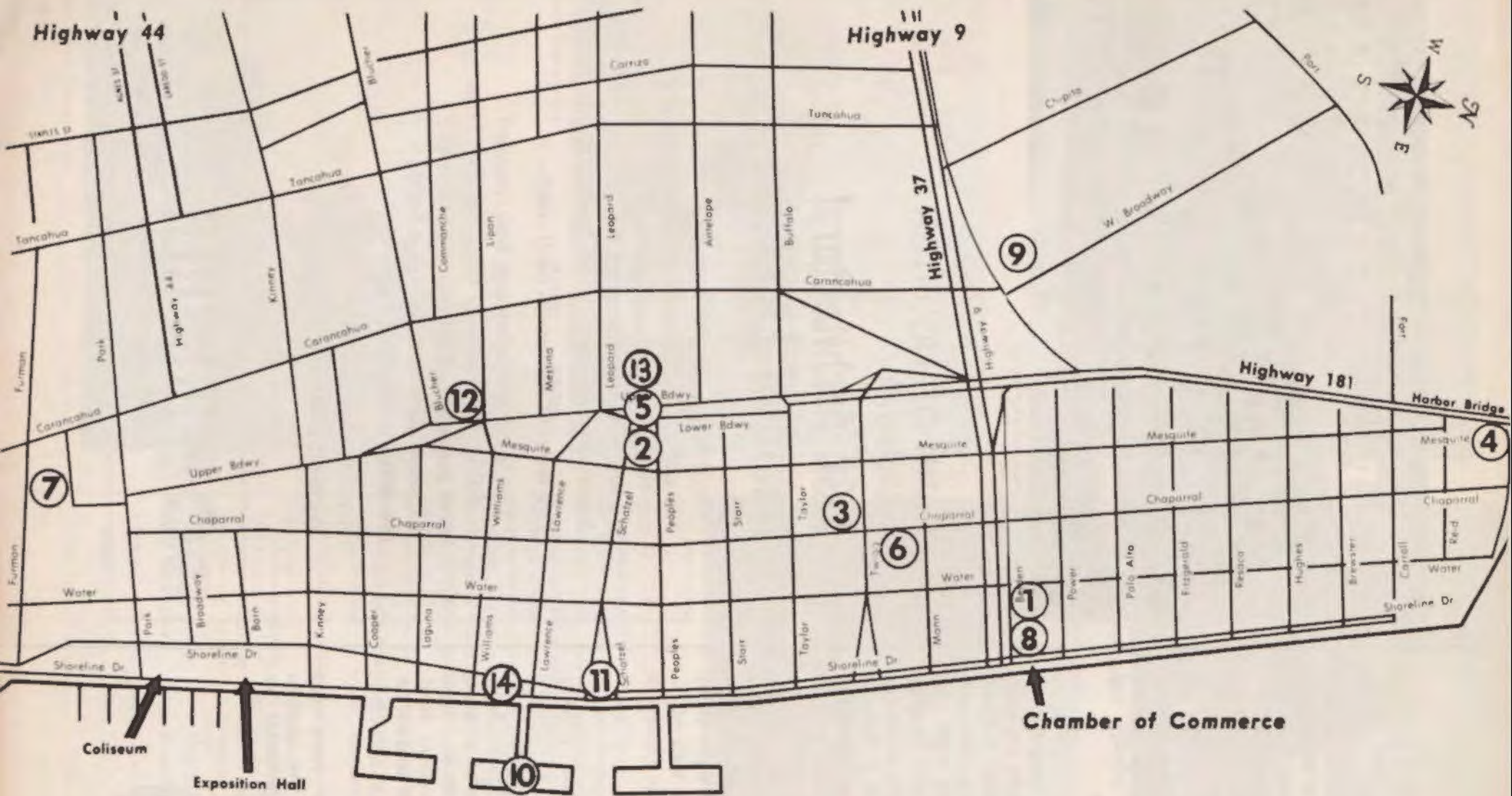


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CORPUS CHRISTI HISTORICAL SITES

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|------------------------------|-----------------------|--------------------------|
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| (2) LA RETAMA PUBLIC LIBRARY | (7) MERRIMAN HOUSE | (12) CENTENNIAL HOUSE |
| (3) GEN. TAYLOR'S ENCAMPMENT | (8) CIVIL WAR MARKER | (13) DRISCOLL HOTEL |
| (4) HARBOR BRIDGE | (9) BAYVIEW CEMETERY | (14) SHERATON MARINA INN |
| (5) CONFEDERATE MEMORIAL | (10) F-9-F COUGAR JET | |



It's stainless . . . and the price is painless

When we say that a curtain wall built of USS ULTIMET stainless steel components is competitive with those built of less durable materials, you better believe ITT.

ITT's new, two-story Telecommunications Office Building in Oakbrook, Illinois, is a shining example of how USS ULTIMET framing components can provide the lasting beauty of stainless steel at a truly competitive price.

Every USS ULTIMET curtain wall component is first-quality stainless steel. Instead of dulling with age, it glows. It resists scuffs and dents. In fact, an occasional wipedown is the only maintenance USS ULTIMET framing requires to retain its new look. And the gleaming beauty of stainless enhances the appearance of the materials around it.

Erection is literally a snap. Most of the members snap-lock into place, so installation is quick, precise and economical. There are no exposed fasteners, so the installation is clean and uncomplicated.

In addition to stainless steel, USS ULTIMET curtain wall framing components are now available in USS COR-TEN Steel and Galvanized Steel for color-coating.

For full information on all three types of USS ULTIMET curtain walls, write for our new design booklet, ADUSS 88-2496-02, United States Steel, P. O. Box 86 (USS 5654), Pittsburgh, Pennsylvania 15230. Or contact a USS Architectural Products Representative through the nearest USS Sales Office or Construction Marketing Office. USS, COR-TEN and ULTIMET are registered trademarks.



Inside look at USS ULTIMET narrow stile entrance doors of ITT's Telecommunications Office Building in Oakbrook, Illinois. Curtain wall: USS ULTIMET Stainless Steel framing components with tempered structural glass in spandrel area and insulating glass in vision area. Mullion spacing: 5'0". Owner: ITT, Oakbrook, Illinois. Architect: Fred H. Prather, Chicago, Illinois. General Contractor: Del Webb, Oakbrook, Illinois. Curtain wall fabricator-erector: International Steel Co., Evansville, Indiana.



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Padre Island

The newly-authorized Padre Island National Seashore, for which land is being acquired by the National Park Service, will soon occupy some 80 miles of storied Padre Island.

A slim, barrier island, Padre stretches 110 miles along the Texas Gulf coast from Corpus Christi southward to a point near Brownsville on the Mexican border. It varies from a few hundred yards to approximately three miles in width. Mustang Island, which adjoins the upper end of Padre, extends another 20 miles northward to Aransas Pass.

CANNIBAL INDIANS

Before the white man set eyes on the island's gleaming sands, a savage band of cannibal Indians, the Karankawas, roamed the dunes.

Tradition has it that Alvarez Alonzo de Pineda, a seafaring Spanish "Conquistadore", discovered both the island and the bay beyond in the year 1519. The event is thought to have occurred on the festival day of Corpus Christi, and the bay, as well as the city on its shores, was named to commemorate the discovery. The island was then known as Isla Blanca, or White Island.

PADRE BALLI

Around 1800, Father Nicolas Balli, a crusading Spanish Missionary, braved the hazards of the marauding Karankawas to bring his civilizing message to these barbarians. Although there is little record of his success in "taming" the Karankawas, the island later became known as Padre Island, commemorating the efforts of this courageous man of the Cross.

HIDDEN TREASURE

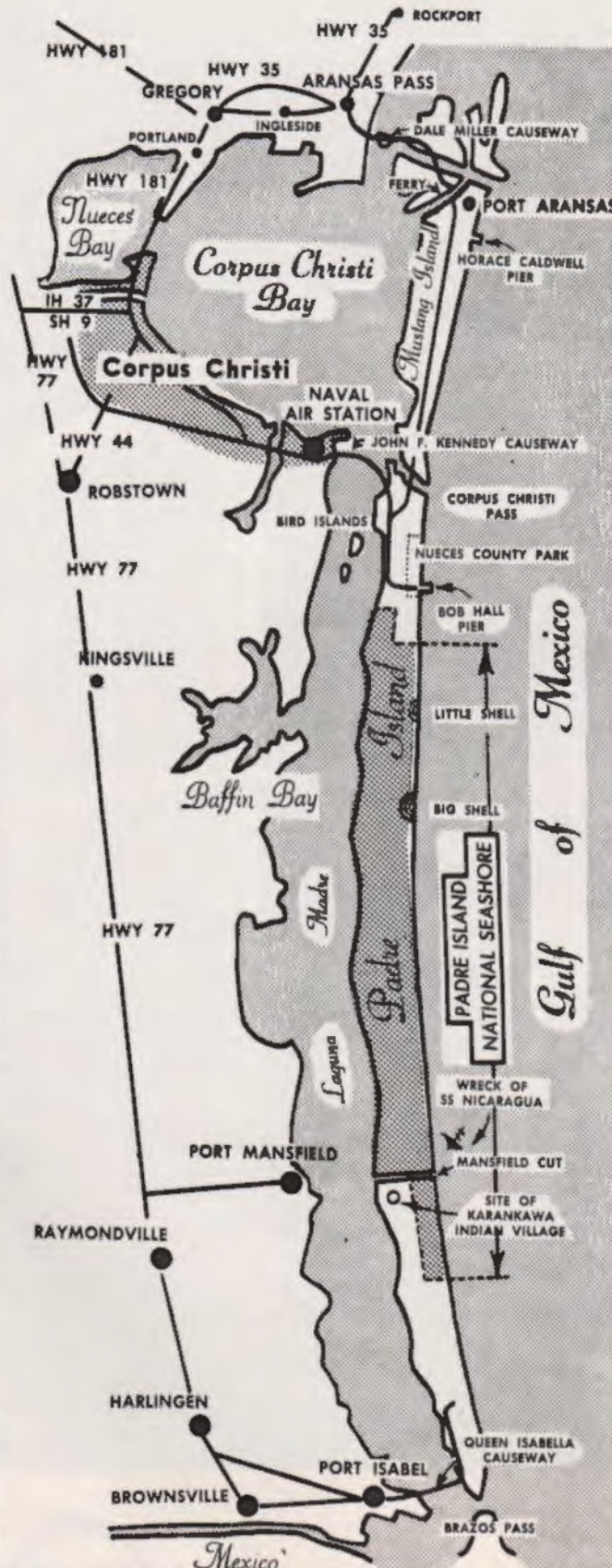
During the dramatic era of the Spanish Main, galleons, laden with the treasures of the new world, made their tortuous voyage back to Spain along the coasts of Padre. Storms, pirates, and errors of navigation took a heavy toll, and to this day, treasure hunters glory in finding occasional "pieces of eight" beneath the ever-shifting dunes and along the sparkling shores.

FAMOUS FIGHTERS

During the war between the United States and Mexico in 1846, Corpus Christi was for a time the headquarters of General Zachary Taylor's army prior to its departure for the battlefields of Resaca de la Palma and Monterrey. Among General Taylor's adventuresome young officers who may have explored the sands of Padre were such illustrious men as Robert E. Lee, Ulysses S. Grant, William T. Sherman, and Jefferson Davis.

ISLAND RANCHERS

In 1847, John Singer established a ranch on Padre Island and during the latter part of the 19th century, pioneering settlers such as the famous Patrick F. Dunn brought herds of cattle out to the island where they grazed among the dunes and the rotting hulks of shipwrecked vessels.



EASY ACCESS

Padre Island is open to motor traffic from Corpus Christi via the John F. Kennedy Causeway and from Aransas Pass by way of the Dale Miller Bridge and the Port Aransas Ferry.

SCENIC ISLAND DRIVE

An all-weather road extends from Port Aransas on Mustang Island south to Nueces County Park and the Kennedy Causeway on Padre Island. The route from Corpus Christi to Padre, up the islands to Port Aransas, and back along the shores of Corpus Christi Bay, provides a scenic "loop" drive.

RECREATION

Horace Caldwell Pier, near Port Aransas, and Bob Hall Pier in Nueces County Park, provide fishing pleasure, and there are restaurants, curio shops, and swimming and recreational areas on both islands.

Normally, it is possible to drive a passenger car along the beach from Horace Caldwell Pier on Mustang Island to the "Little Shell" area of Padre Island, which is about 20 miles south of Bob Hall Pier.

BEACH DRIVING

Experienced drivers frequently travel through "Little Shell" and "Big Shell" in 4-wheel drive vehicles, but there is no provision for transportation across the Mansfield Cut, so it is not feasible to drive the entire length of the island at the present time.

The Queen Isabella Causeway at Port Isabel, near Brownsville, provides access to Cameron County Park at the southern tip of the island.

NATIONAL SEASHORE

Official interest in Padre Island as a National Seashore began in 1944. At that time the island was recommended as a "National Beach Park," but efforts to designate it as a park were unsuccessful.

Nearly twenty years later, in 1958, Congressional action was initiated, and on September 28, 1962, the late President John F. Kennedy signed the Padre Seashore Bill into law. The next year, the Legislature of Texas confirmed the authorization of the Secretary of the Interior to acquire some 237,600 acres on Padre.

ONE OF SEVEN

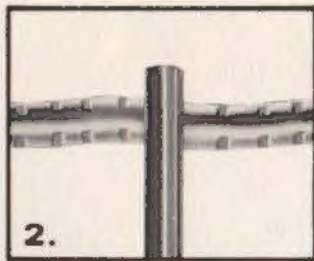
Today, Padre is one of only seven national seashore areas, and the only one on the Gulf of Mexico. The others are Assateague Island in Maryland-Virginia, Cape Cod in Massachusetts, Fire Island in New York, Cape Hatteras and Cape Lookout in North Carolina, and Pismo Beach in California.

Presently a superintendent, an administrative assistant, a naturalist, several park rangers, and a maintenance crew form the nucleus of the Seashore staff. Additional personnel will be added as new facilities are completed.

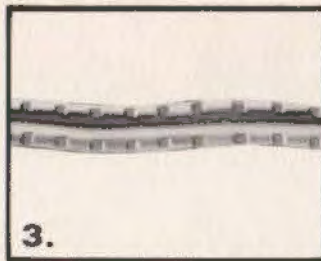
AMERICA'S NEWEST NATIONAL SEASHORE



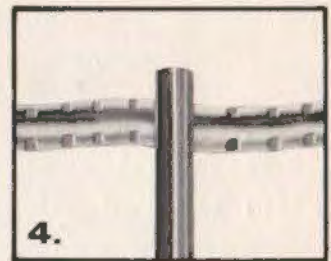
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