

The Material Supporting the Agenda includes all documentation sent to the Regents ten days prior to the meeting. Items approved for consideration after that time are not customarily included in this volume as it would be impossible to keep an accurate record. Sometimes the Secretary does not get copy of the material until weeks later.

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1956-57

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557	November 2-3, 1956
558	November 28, 1956
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560	February 9, 1957
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562	May 3-4, 1957
563	June 28-29, 1957

There was a document for each meeting held this year.

Material Supporting Agenda

SEP 21 1958

THE BOARD OF REGENTS
of
THE UNIVERSITY OF TEXAS

Name: _____

Office Copy

CALENDAR

MEETING OF THE BOARD OF REGENTS
OF
THE UNIVERSITY OF TEXAS
AUSTIN, TEXAS
September 21 and 22, 1956

Telephone: GREENWOOD 6-8371

Friday, September 21

- 8:00 a. m. - Meeting of the Board for Lease of University Lands -
(State Land Commissioner J. Earl Rudder, Regents
Lockwood and Johnson)
(General Land Office)
- 9:00 a. m. - Council on Administrative Policy*
- 9:00 a. m. - Meeting of the Land and Investment Committee -
(Regents Jeffers, Johnson, Sorrell, and Voyles)
(Main Building 205)
- 10:30 a. m. - Meeting of the Buildings and Grounds Committee -
(Regents Lockwood, (Mrs.) Devall, and Johnson)
(Main Building 104)
- 10:30 a. m. - Meeting of the Academic and Developmental Affairs
Committee - (Regents Sorrell, Jeffers, Minter, and
Voyles)
(President's Office - Conference Room,
Main Building 101 M)
- 11:00 a. m. - Meeting of the Special Committee for University
Participation in Drouth Relief Program -(Regents
Sorrell, Jeffers, and Voyles)
(President's Office - Conference Room,
Main Building 101 M)
- 11:30 a. m. - Meeting of the Medical Affairs Committee - (Regents
Oates, Minter, Jeffers, and Sorrell)
(President's Office - Conference Room,
Main Building 101 M)
- 12:30 p. m. - Lunch*

* President's Office, Main Building 101

Friday, September 21 (Continued)

1:30 p. m. - Meeting of the Board of Regents*

2:00 p. m. - Mr. McClendon, Trinity Broadcasting Company

3:30 p. m. - Meeting of the Committee of the Whole*

7:00 p. m. - Backyard Supper; Hosts: The Thedford's, 1500 Mohle Drive

Saturday, September 22

9:00 a. m. - Meeting of the Committee of the Whole*

12:30 p. m. - Lunch, Faculty Dining Room, Student Union Building
(Development Board, Executive Council Ex-Students'
Association, and Board of Regents)

6:00 p. m. - Buffet Supper at 1610 Watchhill Road

* President's Office, Main Building 101

AGENDA
BOARD OF REGENTS
OF
THE UNIVERSITY OF TEXAS

President's Office
Austin, Texas
September 21, 1956
1:30 p. m. *

I.	Reports of Standing Committees	<u>Page No.</u>
A.	<u>Executive Committee</u> - Regents Voyles, Jeffers, Lockwood, Oates, and Sorrell	13-24
	1. Report of Meeting, June 23, 1956	14
	2. Report of Interim Actions (Individual vote by Mail)	21
B.	<u>Academic and Developmental Affairs Committee</u> - Regents Sorrell, Jeffers, Minter, and Voyles	
C.	<u>Buildings and Grounds Committee</u> - Regents Lockwood, (Mrs.) Devall, and Johnson	96-104
	1. Central Administration Consulting Architect's Contract (Also see page 105)	
	2. Main University	
	a. R. O. T. C. Building - Ratification of Award of Contract on Finish Hardware	
	b. University Junior High School - Improvements	
	c. Power Plant	
	(1) Authorization for Construction of New Power Plant Offices	
	(2) Approval of Specifications for Power Generating Equipment for Expansion of Power Plant	
	(3) Ratification and Approval of Requisitions for Certain Materials in Connection with Expansion of Power Plant	
	(4) Authorization to Consulting Architect to Proceed with Preliminary Plans for Addition to Power Plant Building	

* 2:00 p. m. - Mr. McClendon to appear before Board re T V Educational Channel, El Paso

Buildings and Grounds Committee (Continued)

Main University (Continued)

- d. Major Repairs to Roofs
 - Gregory Gymnasium
 - Sutton Hall
 - Pearce Hall
 - Engineering Building (Shops)
 - Hogg Auditorium
- e. Authorizations to Consulting Architect, et al, to Proceed with Plans on Projects for which Appropriations Have already Been Set Up for 1956-57:
 - New Engineering Building
 - TV Addition to Radio House
 - Completion of Unfinished Areas on Third and Fourth Floors of Experimental Science Building
- f. Taylor "T" Room - Ratification of Award of Contract
- g. Union Building - Expansion
- 3. Medical Branch
 - Three Dormitories and Cafeteria, Lounge, and Faculty Housing Building - Acceptance
- 4. Texas Western College
 - a. Administration Building
 - (1) Approval of Cornerstone
 - (2) Final Acceptance and Final Payment
 - b. Cap Kidd Memorial Seismic Observatory - Proposal to Build - *deferred to Nov. meeting.*
- 5. M. D. Anderson Hospital and Tumor Institute
 - Award of Contract on Additions and Alterations to M. D. Anderson Hospital and Tumor Institute Building

D. Medical Affairs Committee - Regents Oates, Minter, Jeffers, and Sorrell

E. Board for Lease of University Lands

F. Land and Investment Committee - Regents Jeffers, Johnson,
Sorrell, and Voyles

69-93

1. Permanent University Fund
 - a. Investment Matters
 - Report of Purchases of Securities
 - b. Land Matters
 - (1) Applications for Pipe Line Easements
 - (a) No. 822 - Permian Basin Pipeline Company, Andrews County, Texas
 - (b) No. 823 - Phillips Petroleum Company, Andrews County, Texas
 - (c) No. 824 - Phillips Petroleum Company, Ector County, Texas
 - (d) No. 825 - Phillips Petroleum Company, Andrews County, Texas
 - (e) No. 826 - El Paso Natural Gas Company, Upton County, Texas
 - (f) No. 827 - Phillips Pipe Line Company, Andrews County, Texas
 - (2) Application for Storage Tank Easement No. 828, Cities Service Oil Company, Andrews County, Texas (Renewal of Easement No. 495, expired 7/31/56)
 - (3) Applications for Caliche Permits
 - (a) No. 95 - New Mex Construction Company, Andrews County, Texas
 - (b) No. 96 - T. B. Tripp & Sons, Ector County, Texas
 - (c) No. 97 - Frank Montgomery, Andrews County, Texas
 - (d) No. 98 - Parker and Parker, Inc., Andrews County, Texas
 - (4) Applications for Water Lease Contracts
 - (a) No. 66 - Ralph Lowe, Andrews County, Texas (Renewal of Water Lease Contract No. 63, expired 11/30/55)
 - (b) No. 67 - R. B. Ferguson and Robbie Ferguson, Jr., Reagan County, Texas
 - (5) Pipe Line Easement No. 801 - Humble Pipe Line Company, Andrews County, Texas - Correction of Amount Due for Ten-Year Period
 - (6) Pipe Line Easement No. 807 - El Paso Natural Gas Company, Andrews County, Texas - Amendment to Show Payment of Full Consideration for Twenty-five Year Period

Land and Investment Committee (Continued)

- (7) Pipe Line Easement No. 821 - El Paso Natural Gas Company, Andrews County, Texas - Amendment to Provide Assignment for Mortgage Purposes
- (8) Applications for Pipe Line Easements
 - (a) No. 829 - 836 - Phillips Pipe Line Company, Andrews County, Texas
 - (b) No. 837 and 838 - Phillips Petroleum Company, Andrews County, Texas
 - (c) No. 839 - Phillips Petroleum Company, Crane County, Texas
 - (d) No. 840 and 841 - Phillips Petroleum Company, Andrews County, Texas
 - (e) No. 842 - Phillips Petroleum Company, Reagan and Upton Counties, Texas
 - (f) No. 843 - Texas-New Mexico Pipe Line Company, Dawson and Gaines Counties, Texas
 - (g) No. 844 - Texas-New Mexico Pipe Line Company, Andrews County, Texas
 - (h) No. 845 - El Paso Natural Gas Company Andrews County, Texas
 - (i) No. 846 - 848 - Phillips Petroleum Company, Andrews County, Texas
 - (j) No. 849 - Phillips Petroleum Company, Crane and Upton Counties, Texas
- (9) Application for Community Center Site Easement No. 850 - Sheffield Independent School District, Pecos County, Texas (Supersedes Grazing Lease No. 571 to Bakersfield Baptist Church, expired 4/30/56)
- (10) Application for Church Site Easement No. 851 - Penwell Union Church, Ector County, Texas (Renewal of Easement No. 156, expired 9/30/51)
- (11) Easement No. 774 - H & D Gas Company, Inc., Ward County, Texas - Withdrawal by Company
- (12) Gap Filler Site and Road Access Easement No. 762 - United States Government, Department of Army, Hudspeth County, Texas - Revision of Terms Approved on February 3, 1956
- (13) Applications for Pipe Line Easements
 - (a) No. 852 - Gulf Refining Company, Crane County, Texas (Renewal of Easement No. 278, expired 2/29/56)

Land and Investment Committee (Continued)

Applications for Pipe Line Easements (Continued)

- (b) No. 853 - The Texas Company, Andrews County, Texas
- (c) No. 854 - Pasotex Pipe Line Company, Crockett And Upton Counties, Texas (Renewal of Easement No. 286, expiring 9/30/56)
- (d) No. 855 - Pasotex Pipe Line Company, Ward County, Texas (Renewal of Easement No. 291, expiring 10/31/56)
- (e) No. 856 - Gulf Refining Company, Andrews County, Texas
- (f) No. 857 and 858 - Phillips Pipe Line Company, Andrews County, Texas
- (13a) *Highway Right-of-Way Easement No. 859, Ward County*
- (14) Booster Station Site Easement No. 760 - Phillips Petroleum Company, Andrews County, Texas - Correction of Description of Site
- (15) Application for Assignment of Business Site Easement No. 582 from J. R. Bewick to R. H. (Bobby) Rees, Reagan County, Texas
- (16) Water Exploration Permit No. 68 - Public Service Board of City of El Paso, Texas, University Lands in Hudspeth County, Texas

2. Trust and Special Funds

- a. Investment Matters
 - Report on Purchases and Sales of Securities
- b. Bequest and Estate Matters
 - (1) Estate of Dwight D. Book, Deceased
 - Report on Settlement of Will Contest Present Status
 - Request for Approval of Attorneys' Fees
 - (2) Estate of DeRossette Thomas, Deceased
 - Report on Status
 - Ratification of Sale of Property at 419 Patterson Avenue (Alamo Heights), San Antonio, Texas
 - Ratification of Selection of Ancillary Administrator with Will Annexed in the State of Arizona

Land and Investment Committee (Continued)Trust and Special Funds (Continued)

- (3) Medical Branch - Estate of A. C. McLaughlin,
Deceased

Colorado Portion - Report on Progress in Transfer
of Estate to the University and Conference of the
Staff with Mr. Stuart W. McLaughlin in Rangely,
Colorado

- (4) Texas Western College - Estate of Bertha M. Fuller,
Deceased

Proposed Return of Promissory Note Signed by the
Heirs, Given to Cover Cash Bequest, to the Signers

c. Real Estate Matters

- (1) Hogg Foundation: Thomas E. Hogg Estate
Ratification of Division Orders

- (a) No. 7253 and 7254 to Esso Standard Oil Company,
Dolph Parro and South Coast Corporation Farm,
Charenton Field, St. Mary Parish, Louisiana
(b) No. 7257 to Esso Standard Oil Company, Lamson
and Bennett's South Coast Corporation Farm,
Charenton Field, St. Mary Parish, Louisiana

- (2) Hogg Foundation: W. C. Hogg Estate Fund

- (a) Ratification of Division Orders

- (a-1) No. 146201 to Magnolia Petroleum Company
J. W. Winkley - Frank Koehler Lease,
Dillard Cooper Survey, Caldwell County, Texas
(a-2) No. 142116 to Magnolia Petroleum Company,
Irving Shefts - F. M. Branyon "B" Lease, R.
J. Miller League, Caldwell County, Texas

- (b) Proposed Mineral Leases

- (b-1) Humble Oil and Refining Company, Faulk and
Teagarden Subdivision, Hardin County, Texas
(Extension of Mineral Lease to V. I. Grisham)
(b-2) J. H. Baugh and Jimmie S. Baugh, Murdock
Mineral Property, Ouachita County, Arkansas
(b-3) Houston Gulf Sulphur Company, Old Humble Oil
Field, Harris County, Texas (Extension of Min-
eral Lease Granted to J. Linton Robertson, Jr.,
in 1954)

- (3) Brackenridge Tract

Proposed Renewal of Commercial Lease to Mr. and Mrs.
A. A. Lawrence at 3710 Lake Austin Boulevard, Austin,
Texas

Land and Investment Committee (Continued)

Trust and Special Funds (Continued)

- (4) Texas Western College
 - (a) Proposed Renewal of Grazing Lease to Moody Bennett, Cotton Estate Property, Hudspeth County, Texas
 - (b) Proposed Power Line Easement, Mountain States Telephone and Telegraph Company and El Paso Electric Company, Cotton Estate Property, Noyes-Rand Survey, El Paso County, Texas
- (5) Hogg Foundation: W. C. Hogg Estate Fund
Proposed Mineral Lease to W. J. Mechura, as Agent for Francis A. Callery, S. F. Austin 3-1/6 League, Wharton County, Texas
- (6) The William James Battle Fellowship in Greek Ratification of Purchase for Main University of Property at 2506 Whitis Avenue, Austin, Texas
- (7) W. J. McDonald Observatory Fund (Estate Property)
Withdrawal of Offer to Purchase Pickering Property, Lamar County, Texas, by J. M. Howard
- (8) Huntington Lands
 - (a) Offer for Purchase of 120 Acres, Samuel C. Bundick League, Galveston County, Texas, by J. C. French et al - (Relates to Action of the Executive Committee on June 23, 1956)
 - (b) Offer for Purchase of 112 Acres, H. B. Littlefield Survey, Galveston County, Texas, by The American Oil Company
- (9) Hogg Foundation: Varner Properties
Demolition of Improvements and Proposed Parking Lot Lease on Sens Leasehold Property, Houston, Texas
- (10) Hogg Foundation: W. C. Hogg Memorial Fund
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- (11) Huntington Lands
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AGENDA
BOARD OF REGENTS
OF
THE UNIVERSITY OF TEXAS
COMMITTEE OF THE WHOLE

President's Office
Austin, Texas
September 21, 1956
1:30 p. m. *

- I. Reports of Standing Committees
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Devall, and Johnson | |
| C. <u>Executive Committee</u> - Regents Voyles, Jeffers, Lockwood,
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| D. <u>Land and Investment Committee</u> - Regents Jeffers, Johnson,
Sorrell, and Voyles | <i>Housing for Negro Men Students, Main Univ. 66a</i> |
| E. <u>Board for Lease of University Lands</u> - State Land Commissioner
J. Earl Rudder, Regents Johnson and
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| F. <u>Medical Affairs Committee</u> - Regents Oates, Minter, Jeffers,
and Sorrell | |
- II. Report of Special Committee on University's Participation in Drouth
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- III. Special Items
- A. Central Administration
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- a. HJR 15 Campaign
- (1) Progress of Campaign - *debbertinis J. Rd.*
- (2) Ex-Students' contribution to HJR 15
- b. 1% Special Fee Fund (Suggested legislation) *not discussed.*
- 94-95
- * 2:00 p. m. - Mr. McClendon to appear before Board re T V Educational
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For Regents' Use

EXECUTIVE COMMITTEE

Questions and Comments

Report of Meeting, June 23, 1956

Questions and Comments

Report of Interim Actions (Individual vote by Mail)

REPORT OF EXECUTIVE COMMITTEE, JUNE 23, 1956. -- The Executive Committee of the Board of Regents of The University of Texas met in President Wilson's office June 23, 1956, at 10 a. m. The following matters were considered and the actions reported were unanimously adopted by the Executive Committee at that meeting:

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

Contract with the City of Galveston. -- President Wilson reported for the information of the committee and for final recording in the minutes that he had received a fully executed copy of the contract between the City of Galveston and the Board of Regents of The University of Texas for the care of the sick and indigent of the City and County of Galveston and that the official copy is filed in the Office of the Secretary of the Board of Regents. This contract was approved by the Board of Regents at its meeting April 6, 1956.

Stadium Improvement Project, Texas Western College. -- President Wilson gave a detailed report of the stadium improvement project at the Texas Western College that is now under way and outlined to the Executive Committee the procedure to be followed in the future; the committee ratified the action of President Wilson in his authorization to the contractor to proceed with the project, and indicated that regulations in such matters should be adhered to in the future, upon motion of Mr. Lockwood, seconded by Mr. Jeffers.

Huntington Lands: Proposal of J. C. French et al for Option to Purchase 150-Acre Tract. -- At the request of President Wilson, Vice-President Dolley reported to the Executive Committee an offer from J. C. French, R. W. Ramey, and O. B. Scribner to pay \$6,000.00 for an option to purchase 150 acres for \$120,000.00 cash (\$800.00 per acre) out of the Huntington Lands, Galveston County, after it had been reported to these parties that their offer for an option to purchase 220 acres for \$120,000.00 cash (\$545.00 per acre) had been declined by the Board of Regents at its meeting on June 1, 1956; the new offer was discussed and considered by the Committee. Each member of the Committee had been furnished prior to the meeting with a joint letter from Vice-President Dolley and Endowment Officer Stewart setting out this offer and their recommendation.

In line with the request set out in the letter from Endowment Officer Stewart and Vice-President Dolley, it was moved by Mr. Lockwood, seconded by Mr. Jeffers, and unanimously approved by the Committee that the Endowment Officer be authorized to notify Messrs. French, et al, that the Committee will not recommend acceptance of their offer but will recommend to the Board of Regents at the September meeting acceptance of an offer to purchase for \$1,000 per

acre cash a tract of from 120 to 150 acres. lying along the Southern Pacific Railroad tracks, the size to be determined by the purchasers in making their offer, and to be laid out and determined in the same area and in the same manner as they propose in the offer being declined, the University to retain one-half of the minerals, fully participating as to bonuses, rentals and royalties but with leasing rights in the purchasers. Such proposal to recommend is conditioned on the offer at that price being delivered to the Endowment Office by August 31, 1956, with cashier's check in the amount of 5% of the purchase price as earnest money,

Little Campus Hutments, Main University. --President Wilson presented with his approval the recommendation of Business Manager Landrum, concurred in by Vice-President Boner, that the use of the Little Campus Hutments be discontinued as of August 31, 1957. The Executive Committee, upon motion of Mr. Lockwood, duly seconded, approved the recommendation of President Wilson.

Authorization for Application, Grant from the United States Public Health Service, M. D. Anderson Hospital and Tumor Institute. -- President Wilson presented to the Executive Committee of the Board of Regents, with his recommendation, the following resolution regarding a proposed construction application with the United States Public Health Service for funds to assist in the alterations and additions to the M. D. Anderson Hospital and Tumor Institute Building:

BE IT RESOLVED by the Board of Regents of The University of Texas that the action of President Logan Wilson in signing a Project Construction Application with the United States Public Health Service pursuant to the Federal Hospital Survey and Construction Act for a grant to be used in connection with the M. D. Anderson Hospital and Tumor Institute, Houston, Harris County, Texas, be and the same is hereby ratified and confirmed; and,

BE IT FURTHER RESOLVED that President Logan Wilson be and he is hereby authorized to take such other and further steps as may be necessary in processing this application, including authority to sign any contracts with the United States Public Health Service necessary in implementing the project or in making effective the grant thereunder.

The Executive Committee upon the recommendation of President Wilson and upon motion of Mr. Sorrell, seconded by Mr. Lockwood, adopted the foregoing resolution.

New Centrifugal Compressors to be Installed in Central Water Chilling Station, Main University, to service Kinsolving Dormitory and Main Building. -- Vice-President Dolley at the request of President Wilson presented the following recommendation of Comptroller Sparenberg that had been approved by Vice-President Dolley and concurred in by President Wilson, pointing out that one 1200 unit compressor will cost less to install and to operate and will be more efficient than two 600 unit compressors:

At the Regents' meeting held June 1, 1956, a report was made concerning the Additions to the Central Water Chilling Station Equipment to serve Kinsolving Dormitory.

Further study of the proposed additions indicates that it would be to the advantage of the University to include not only the work for Kinsolving Dormitory, but also the work necessary for the air conditioning of the Main Building, at this time. It is the opinion of the Engineers, Zumwalt and Vinther, the Comptroller's Office, and the Main University Physical Plant Staff that the use of one 1,200 ton centrifugal compressor installation for both buildings would cost less initially, as well as for yearly operation and maintenance, than the use of two 600 ton installations, one for each building.

At the Regents' meeting of April 6, 1956, the Board authorized setting up an appropriation of \$100,000.00 for 1956-57 for a new centrifugal compressor in the Central Water Chilling Station to service the Main Building. The Comptroller, with approval of the President's Office, has authorized Zumwalt and Vinther to proceed with the plans and specifications on the basis of the most economical arrangement, that is, using one 1,200 ton installation. The final plans and specifications will probably not be ready for approval prior to September 1, 1956, and, in any event, advertising for bids will take place after September 1, 1956. It is recommended that this action of the Comptroller be ratified and approved by the Executive Committee of the Board.

The Executive Committee, upon motion of Mr. Lockwood, seconded by Mr. Jeffers, approved and ratified the foregoing recommendations.

Approval of Final Plans and Specifications for Additions and Alterations to M. D. Anderson Hospital and Tumor Institute Building. -- President Wilson presented the following recommendations concerning the approval of final plans and specifications for additions and alterations to M. D. Anderson Hospital and Tumor Institute Building that

had been submitted by Comptroller Sparenberg and approved by Vice-President Dolley:

At the meeting of the Board of Regents June 1, 1956, the Executive Committee was authorized to approve the final plans and specifications above indicated, when complete. The final plans and specifications dated June 15, 1956, prepared by MacKie and Kamrath, Architects, have now been distributed and a copy of each set was received in the Office of the Comptroller Saturday, June 16, 1956. The plans and specifications have been checked as far as possible in the time available by Mr. William B. Saunders, Architect in the Office of the Comptroller, Doctor R. Lee Clark, Jr. and Mr. Joe E. Boyd, Jr., of the M. D. Anderson Hospital and Tumor Institute, and others. It is recommended, and so concurred in by Doctor Clark and Mr. Boyd, that you give final approval of these plans and specifications at your meeting June 23, 1956, so that the Comptroller may start advertising for bids on the project as soon as possible; however, your attention is called to the matters listed below:

1. It is obvious that the plans and specifications include a lot of mechanical, plumbing, and electrical work, including air conditioning, which is not a part of the new projects but represents redesigning, replacing, and remodeling unsatisfactory work done in these areas during the original construction of the building. Mr. Saunders has estimated that somewhere between \$50,000.00 and \$75,000.00 of this kind of work is included in these plans and specifications.

2. Though several relatively minor changes in the plans and specifications as originally presented shall be worked out with MacKie and Kamrath, your specific approval of this proposed change in the specifications is requested:

Change the wording of the "Notice to Bidders" to indicate that the approval of both the Architects and the Owner will be required, prior to the signing of the contract, on the subcontractors listed by the successful bidder on the proposal form, for Plumbing, Electrical, Air Conditioning, and Casework.

It is further recommended that you adopt the following formal resolution:

RESOLVED, that the Executive Committee of the Board of Regents of The University of Texas, in accordance with authority given by the entire Board of Regents, hereby gives approval to the final plans and specifications dated June 15, 1956, prepared by MacKie and Kamrath, Architects, entitled "Additions to The University of Texas M. D. Anderson Hospital and Tumor Institute."

After the Executive Committee had thoroughly considered these recommendations, a copy of which had been presented to each member, it adopted the recommendations including the resolution set out above, upon motion of Mr. Lockwood, seconded by Mr. Jeffers.

Biennial Budget Requests, 1957-59. -- The Biennial Budget Requests for 1957-59 as submitted by the heads of the various component institutions of The University of Texas, at the request of President Wilson, were presented by Vice-President Dolley together with an analysis of the budget variances for each institution and a summary of the State General Revenue Funds and Educational and General Funds. The Executive Committee considered these budgets in the light of the Biennial Budget Policies approved by the Executive Committee March 17, 1956, and reflected in the Permanent Minutes, Vol. III, Page 550.

1. The University of Texas Dental Branch Biennial Budget Requests, 1957-59. -- Upon recommendation of President Wilson and Vice-President Dolley, the Biennial Budget Requests for 1957-59 of The University of Texas Dental Branch were approved in the form as submitted by Dean Olson since they complied in every respect with the policies adopted by the Board.

2. The University of Texas Southwestern Medical School Biennial Budget Requests, 1957-59. -- Upon recommendation of President Wilson and Vice-President Dolley and upon motion of Mr. Lockwood, seconded by Mr. Jeffers, the Biennial Budget Requests for 1957-59 of The University of Texas Southwestern Medical School were approved with the following change to be implemented:
 - Request an increase in the salary of the dean in accordance with the policy adopted for institutional heads.

3. The University of Texas M. D. Anderson Hospital and Tumor Institute Biennial Budget Requests, 1957-

59. --Upon the recommendation of President Wilson and Vice-President Dolley, and upon motion of Mr. Sorrell, seconded by Mr. Jeffers, the Biennial Budget Requests for 1957-59 of The University of Texas M. D. Anderson Hospital and Tumor Institute were approved as submitted with the proviso that Vice-President Casberg carefully review each and every request for new positions and report through President Wilson to the full Board at the November meeting the number of new positions and the amount by which these recommendations might be reduced.

4. The University of Texas Postgraduate School of Medicine Biennial Budget Requests, 1957-59. --Upon recommendation of President Wilson, the Executive Committee approved the Biennial Budget Requests for 1957-59 of The University of Texas Postgraduate School of Medicine as submitted with the following changes:

- a. Change "Dean" to show no salary for 1957-58 and 1958-59 from General funds and to include a foot note to state that the salary of the Dean is paid from Grant funds.
- b. Remove Grant funds from all schedules in the legislative submission and reflect only Educational and General funds in the Biennial Requests.
- c. Change the title of photographer to a more appropriate one for the work done as "Technical Assistant."
- d. Include in the justifications a fee schedule.

5. Texas Western College of The University of Texas Biennial Budget Requests for 1957-59. --Upon motion of Mr. Lockwood, seconded by Mr. Jeffers, based on the recommendation of President Wilson and Vice-President Dolley, the Biennial Budget Requests for 1957-59 of the Texas Western College of The University of Texas were approved by the Executive Committee as submitted subject to the following changes in order to comply with the Biennial Budget Policies adopted by the Board:

- a. Request salary of President to be restated in accordance with policy adopted for institutional heads.

- b. Reduce increase in appropriation for Summer School from \$85,000 to \$30,000.
- c. Reduce administrative salary increases from 12.5% to 10% in accordance with Biennial Budget Policies.
- d. Reduce increase in Maintenance and Operation from \$50,982 to circa \$30,000.
- e. Reduce increase for Special Equipment from \$145,050 to circa \$125,000 for the first year of the biennium and reduce increase for the second year by \$20,000.

6. Central Administration, Available University Fund, Main University, and Texas Memorial Museum Biennial Budget Requests, 1957-59. --Upon motion of Mr. Lockwood, seconded by Mr. Sorrell, the Executive Committee approved as submitted the Biennial Budget Requests for 1957-59 of Central Administration, Available University Fund, Main University, and the Texas Memorial Museum.

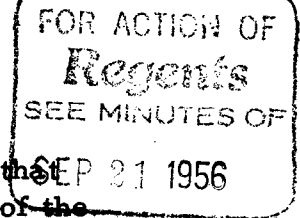
7. The University of Texas Medical Branch Biennial Budget Requests, 1957-59. --Mr. Jeffers moved the approval of The University of Texas Medical Branch Biennial Requests for 1957-59 as submitted with the following exceptions in the:

- a. School of Medicine
 - Increase salary of director in accordance with the policy adopted for institutional heads.
- b. Hospitals
 - (1) Reduce Maintenance and Operations to a 10% increase.
 - (2) Reduce "new positions" in a sufficient amount to bring the total increase in the hospital budget below the figure of \$500,000.

Mr. Lockwood seconded this motion which carried.

SEP 21 1956

**REPORT OF EXECUTIVE COMMITTEE
INTERIM ACTIONS (INDIVIDUAL VOTE BY MAIL)**



Below is a summary report of the items, other than budgetary, that have been presented by President Wilson since the last meeting of the Board to the Executive Committee. Each item has been approved by the Committee by individual vote by mail.

Authorization for Employment of Collection Agency, Medical Branch. --

Upon the recommendation of Doctor Truslow, concurred in by President Wilson, the Executive Committee approved the employment of Southern Adjustment Company of Houston by The University of Texas Medical Branch to collect accounts receivable for the year 1952-53 with the understanding that all collection letters will be reviewed and cleared at the Medical Branch before permission is given to the company to canvass the various accounts and that The University of Texas Medical Branch will advise the collection agency that no suit may be filed on any delinquent account without prior specific authorization, since any such suit would require the approval and joinder of the Attorney General.

Organizational Changes, Medical Branch. -- The Executive Committee, upon the recommendation of Doctor Truslow, as presented and concurred in by President Wilson, approved the following two major organizational changes at The University of Texas Medical Branch:

1. Transfer the Office of the Business Manager from the area of the Administrator of Hospitals and Director of Facilities to a status directly accountable to the Director. (This will in effect amend the chart in the Permanent Minutes, Volume II, Page 254.)
2. Transfer the supervision of physical plant operations to the Office of the Business Manager. (This will amend the chart in the Permanent Minutes, Volume II, Page 730, and will amend item 5 in the Permanent Minutes, Volume III, Page 51.)

Faculty Legislation: Changes in Master in Business Administration Degree, Plans I and II, and Master in Professional Accounting Degree. -- Upon recommendation of the Graduate Legislative Council, as presented and concurred in by President Wilson, the Executive Committee approved the following changes in the requirements for a:

1. Master in Business Administration Degree, Plan I:
 - a. Insert in the Graduate Catalogue, No. 5413, Page 39, under Prerequisites, before the last two sentences, the following:

Students lacking undergraduate credit in Management may be allowed to take Management 381 to count as graduate credit and also to absolve the undergraduate requirement of a course in Management but not to count as undergraduate semester hour credit. Students lacking undergraduate credit in Marketing may be allowed to take Marketing 381 to count as graduate credit and also to absolve the undergraduate requirement of a course in Marketing but not to count as undergraduate semester hour credit.

- b. Under Requirements, substitute for the sentence in paragraph one (which now reads "Thirty semester hours of senior and graduate courses in business administration, of which at least twelve must be in courses of graduate rank, including Business Administration 698 and one course of the seminar type.") the following new requirement:

Thirty semester hours of senior and graduate courses in business administration, including Business Administration 698 and two graduate seminar courses.

2. Master in Business Administration Degree, Plan II:

This plan is designed for students preparing for careers in business or the operating phases of government, as well as for members of the Armed Services.

Prerequisites -- Same as for Plan I.

Requirements -- For the degree of Master in Business Administration under this plan, the requirements are:

Thirty-six hours of graduate and senior courses in business administration approved by the department in which the student does his major work and by the Graduate Adviser. Of these thirty-six hours the student will be required to take (unless waived by the Graduate Adviser) twelve hours as follows:

1. Administrative Policy
2. Business and Public Policy
3. Business Research and Controls I
4. Business Research and Controls II

All candidates for this degree will be required to submit a bound professional report, to be approved by a committee

appointed by the Dean of the Graduate School. The student will also be required to have at least one seminar course (two are recommended).

The grade requirements are the same as that of the Graduate School.

Required routine, including application for degree. -- The general routine is the same as that for Plan I. A degree plan must be filed with the Graduate Adviser.

3. Master in Professional Accounting:

Amend the Graduate Catalogue, No. 5413, Pages 51-52, by substituting the following for all requirements:

Prerequisites:--An applicant for this degree must hold a bachelor's degree from The University of Texas, or an equivalent degree from an approved institution, and must have credit for the following:

- a. At least 60 semester hours of course work outside the College of Business Administration, including at least 6 semester hours in each of the following areas:

- (1) principles of economics
- (2) other social sciences
- (3) physical or natural sciences
- (4) mathematics
- (5) language arts or fine arts

with 6 or more semester hours in one of these areas at the junior or senior level;

- b. At least 24 semester hours of course work in business administration exclusive of accounting and including some work in business law, statistics, finance, marketing, business organization, and business communication; and
- c. At least 15 semester hours of accounting, including elementary and intermediate principles and elementary cost accounting.

Requirements:--A total of 30 semester hours is required for the degree of Master of Professional Accounting, as follows:

- a. 24 semester hours of accounting at the senior or graduate level, including Accounting 381 and Accounting 390.
- b. 6 semester hours of courses in fields related to accounting. Three of these hours must be at the graduate level; the other must be at the senior or graduate level.
- c. Successful completion of nine months' full-time internship in public or private accounting. The proposed internship must be approved in advance of employment by a member of the graduate accounting faculty and the department chairman. A report of this experience must be approved by the employer and the graduate professor and must give evidence of rotation in jobs and broad training. Applicants presenting 24 semester hours of advanced accounting as undergraduates may receive up to 4 semester hours' credit for this training.
- d. Satisfactory performance in an oral examination covering course work and internship training, to be taken before the beginning of the final examination period of the term or semester in which the degree is to be conferred.

A degree plan must be filed with the Graduate Adviser.

Betty Anne Theoford

SPECIAL COMMITTEE ON
UNIVERSITY'S PARTICIPATION IN DROUTH RELIEF PROGRAM

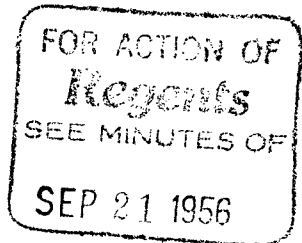
Suggestions

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

100-112-26

O. G. McCLAIN
CONSULTING GEOLOGIST
WILSON BUILDING
CORPUS CHRISTI, TEXAS

August 2, 1956



Board of Regents
University of Texas
Austin, Texas

Gentlemen:

Attached is a statement in regard to the water shortage over the state and a proposal for an organized research into and effort at "rain making".

I am convinced that the basic need exists, and that popular support is overwhelmingly in favor of such a project. The ultimate object would be to control or modify our weather, which would provide many corollary benefits.

It is requested, therefore, that you canvass the resources of the University of Texas system for technical manpower, monetary funds, and any other necessary components of the project, and that it be organized and launched into action as rapidly as possible.

The primary need is a central body with imagination and enthusiasm. The ultimate size of the effort will be determined by popular demand and the participation by various groups over the state. This central body could very well evolve into a guidance and experimental group which would supply field parties with the latest technical knowledge and evaluate results. The present emergency should be kept strictly in mind, however, and the immediate task be to alleviate it. A "learn by doing" program is the approach proposed.

I pledge my personal support and await any opportunity to be of further assistance to this undertaking.

Respectfully yours,

O. G. McClain

O. G. McClain

OGMcC:vls

A PROBABLE SOLUTION FOR THE TEXAS WATER PROBLEM

By

O. G. McClain
Corpus Christi, Texas

It has been my privilege during the last three years to serve this state as one of the three Governor's appointees to the Water Resources Committee. The water resources of the state have been carefully studied and the water needs have been assessed. We have listened to plans for conserving our storm and flood waters by impounding them behind dams, and we have encouraged all such good conservation measures. We have heard reports of falling water tables in our ground water reservoirs and of the consequent stoppage of flowing springs. We have worked to straighten out the tangled skein of water laws to the end that the citizens could more easily conserve and equitably distribute their waters. Pollution has received close attention because its avoidance saves water for higher beneficial uses and is thus a true conservation measure. We have endeavored to provide financial assistance to political subdivisions for the purpose of impounding and transporting their water. This Committee, under the most able leadership of Senator George Parkhouse of Dallas, as chairman, is performing an outstanding service to the state.

Progress is being made in all these fields but it is necessarily slow. Engineering plans have to be sound and a maximum equity among the citizens must be achieved. It is safe to predict, however, that within the next few decades each of our rivers will be equipped with a series of dams so that a very maximum amount of our run-off water will be impounded and put to beneficial use.

Through a narrow eastern strip of the State it is possible that a full development of their present water resources will constitute a lasting solution to their water needs. Throughout the remaining broad expanse of Texas, however, a permanent and fearful water shortage exists or is in prospect.

Some river basins are now over developed so that present needs exceed supply. Other basins can plainly and certainly foresee demands to the full extent - and more - for all the water available. Development of uses only awaits the availability of water through a system of dams.

Most disturbing of all to me are the declining ground water levels. When levels drop, springs stop flowing (witness Comal Springs at New Braunfels and the springs at Fort Stockton), the flow in spring-fed rivers is reduced, many beneficial grasses and trees that feed on ground water die, farm areas using such water for irrigation go back to dry farming or range land, and, in extreme cases where potable water for domestic and livestock purposes no longer is available, complete desolation will prevail. Ground water is precious. It should be used with utmost care, being ever mindful that coming generations must exist on soil and water which today is in our custody.

Yes, Texas presently has a very handsome endowment of water. It has many capable and sincere citizens at work on conservation and development. The sad part is that with complete conservation and development the water supply still will be terribly inadequate. Dry, grassless range land and burned-up crops on dry land farms are visible on every side. Irrigated crops are being lost for lack of water.

While these things have been impressed upon me while serving on the Water Resources Committee, the ideas and proposals hereafter made - as well as the foregoing observations - are my own. In fact, the commission of this Committee is to formulate a long range program for the development and conservation of the water resources of this state, and to make recommendations for the abatement of pollution. The proposal made here may be outside and beyond the commission of this Committee. The opinions and recommendations expressed here, therefore, are my own and not those of the Water Resources Committee.

I have sought desperately a permanent, harmonious and economical solution to our water shortage. Since there is a basic shortage of water, the endeavor should be to provide more. The most economical, permanent and equitable way is to get it from the clouds - "rain making," if you please.

Living in Corpus Christi where I am a practicing petroleum geologist, I see a procession of moisture laden clouds marching inland day after day. I doubt seriously that the moisture carried inland from the Gulf waters is less than in former years, yet Texas has been in the grip of a devastating drought for seven years. The rain just does not fall as it did in pre-drought years. Six thousand people in Karnes County alone are on relief, according to a statement recently made in Austin by County Judge W. S. Pickett. A recent survey by the Water Resources Committee reflected that over fifty percent of the towns and cities do not have enough water for their future needs, and many communities are hauling water for their domestic needs right now. Throughout long stretches of the Rio Grande irrigation has stopped so that people will have water for domestic and livestock use.

There is an answer, and one in which all water users can join harmoniously, one which will benefit farmers, ranchers, industry and the city dweller. The answer is simply to produce more water by cloud seeding or whatever type of "rain making" that may exist or can be devised. This is not a pipe dream, for there are good data to support favorable results of "rain making" efforts in Dallas, Texas; Oklahoma City, Oklahoma; Springfield, Missouri; and Shreveport, Louisiana, to name specific examples. There are responsible scientists who are convinced that "rain making" is out of the experimental stage now, and they present it as a practical, economic, factual accomplishment.

Early in 1954 the Institute of Atmospheric Physics was established at the University of Arizona under the joint support of the State of Arizona and the Alfred P. Sloan Foundation. Additional funds from the National Science Foundation were made available at a later date. The State of Arizona

is supplying approximately half of the \$100,000.00 per year budget. This organization is doing basic research on the rain producing mechanism, taking a cloud census and studying climatology of Arizona and adjoining areas.

Specifically I propose a large scale effort at "rain making," together with a large scale effort to learn how to get the best results. The effort should be well organized and well coordinated.

Specifically, I call upon the University of Texas and Texas A & M College to pool their resources and to launch a "rain making" effort and study - and this should be done without delay. Certainly these institutions have the technical knowledge and can create a nucleus about which to build this undertaking. If it is valid to judge by the results obtained in other large research projects such as are conducted in the field of medicine and military weapons, efforts at "rain making", "weather modification" or whatever name is applied should be successful also.

Specifically, I call upon farm groups, ranch groups, industry and municipalities to support these efforts. Subject to proper coordination of effort, many of these groups should launch their own programs.

What we need are some good rains. We cannot legislate them. They are not coming naturally. The only alternative is to work for them. By using our God given intelligence and energy to an understanding and a compliance with the meteorological laws we should obtain rain. Let us pool our time and our energies to the end that Texas shall not crumble into dust but will flower in strength and productiveness. Let it never be said that there was no vision and the people perished.

O. G. McClain

O. G. McClain
Corpus Christi, Texas
August 1, 1956

Full Name KAHAN, ARCHIE MARION
Birthplace and Date Denver, Colorado, 18 January 1917
Academic Training University of Denver, 1936, B.A.
 Major - mathematics and chemistry
 University of Denver, 1940, M.A.
 Major - mathematics; minor - chemistry
 California Institute of Technology, 1942, M.S.
 Major - meteorology
 A. and M. College of Texas, completes work for
 Ph.D. in meteorological oceanography, 1954

Professional Experience Hamilton Depositors Corporation, Denver, Colorado,
 January, 1937 - September, 1938. Research
 statistician in charge of studies of stock
 market performance.
 Corps of Engineers, U. S. Army, Denison, Texas,
 November, 1938 - September, 1939. Engineer-
 ing mathematician engaged in hydrologic studies
 in connection with the design of Denison Dam.
 September, 1939 - August, 1940, on leave to com-
 plete Masters Degree as Teaching Assistant,
 University of Denver.
 August, 1940 - June, 1941, rated Civil Engineer
 (P-1) in charge of all construction quanti-
 ties on the Outlet Works Contract.
 U. S. Air Force (Final Grade: Major)
 June, 1941 - February, 1942, Aviation Cadet,
 Pasadena, California.
 March, 1942 - September, 1942, Base Weather Offi-
 cer, Elmendorf Field, Alaska. Aviation and long
 range forecasting for air transport operations.
 Administration of largest Air Weather Detachment
 in Alaska.
 October, 1942 - January, 1943, Base Weather Offi-
 cer, Ladd Field, Alaska. Aviation Forecaster for
 ferry operations of lend lease aircraft.
 January, 1943 - January, 1944, Staff Weather
 Officer, Eleventh Air Force, Adak Island, Alaska.
 Briefed Commanding General daily on weather condi-
 tions controlling air operations against the
 Japanese-held islands of Attu, Kiska and
 Paramushiru.
 February, 1944 - March, 1944, Preflight training,
 Santa Anna Air Force Base.
 March, 1944 - November, 1945, Headquarters, U.S.
 Air Force, Pentagon Building. In charge of re-
 search on upper air forecasting and analog selec-
 tion in Weather Central, Forecast Branch. As-
 sistant Chief of Forecast Branch.

Professional Experience
(continued)

U.S. Weather Bureau

November, 1945 - October, 1946, Chief of Hydrology Unit of Hydrometeorological Section, Washington, D.C. Responsible for hydrologic aspects of hydrometeorological studies in design of Fort Randall and Oahe Dams on the Missouri River.

October, 1946 - April, 1951, Official in Charge, Missouri River Forecast Center, Kansas City, Missouri. Responsible for development of forecast procedures and issuance of river and water supply forecasts for Missouri Basin.

American Institute of Aerological Research, Denver, Colorado.

April, 1951 - November, 1951, Associate Director of Research, responsible for conduction of survey studies of cloud-seeding potentialities and evaluation of cloud-seeding operations.

December, 1951 - August, 1952, Director of Engineering Research, responsible for cloud-seeding research, and research on application of weather knowledge to operations of utilities and manufacturing concerns.

September, 1952 - December, 1952, Director of Technical Operations, responsible for all technical aspects of cloud seeding, industrial meteorology and research program of Dr. Irving P. Krick's meteorological activities, including Water Resources Development Corporation, Irving P. Krick, Meteorological Consultant.

Texas A. and M. Department of Oceanography

January, 1953 - 1954, Assistant Oceanographer, Assistant to Head of Department for research activities, and Assistant Professor (1/6 time), supervisor, Project 80, Texas Radar Network.

Texas A. & M. Research Foundation, College Station, Texas.

June, 1954 - Executive Director

Publications

Due to the nature of the organizations in which I have been employed, my work has been published in anonymous, and sometimes classified, reports. I have contributed to the following unclassified reports:

Hydrometeorological Study of Fort Randall Dam, U. S. Weather Bureau, Washington, D.C., 1946.
Hydrometeorological Study of Oahe Damsite, U.S. Weather Bureau, Washington, D.C., 1946.
Hydrometeorological Study of the San Joaquin Basin, U. S. Weather Bureau, Washington, D.C., 1946.

Publications (continued)

Analysis of Cloud-Seeding Potentialities in the Pend Oreille River Basin, American Institute of Aerological Research, 1952.

Final Report of Analysis of Cloud-Seeding Operations to Increase Runoff in the Pend Oreille River Basin, American Institute of Aerological Research, 1952.

Papers Presented

"River Forecasting for the Missouri Basin," Western Meeting, American Geophysical Union, 1947.

"Weather Modification: Fact or Fancy," National Meeting, American Society of Agricultural Engineers, 1951.

"Cloud-Seeding for Water Supply," Seventh Annual Meeting, Texas Water Conservation Association, 1951.

"Theory and Practice of Cloud-Seeding," Missouri Basin Inter Agency Committee Meeting, Pierre, South Dakota, 1952.

"Industrial Applications of River Forecasting," National Meeting, American Meteorological Society, Minneapolis, Minnesota, 1952.

"The First Texas Tornado Warning Conference," Conference on Radio Meteorology, Austin, Texas, 1953.

Organizations

Sigma Xi

Phi Lambda Upsilon

American Geophysical Union

American Meteorological Society

Texas Academy of Science

Awards

Legion of Merit awarded for outstanding contribution to the success of the Aleutian Campaign as Weather Forecaster on the staff of the Commanding General, Eleventh Air Force.

NOTE: I do not know Mr. Kahan and make no representation for the gentleman. This is presented to show that such talent exists. This information was obtained and used by Mr. Roy Caldwell of this city to introduce Mr. Kahan when he spoke to an A & M College Club meeting here recently.

O. G. McClain
Corpus Christi, Texas
August 3, 1956

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 18

August 16, 1956

Memorandum

To: Mr. J. R. Sorrell, Chairman
Mr. Leroy Jeffers
Mr. Claude W. Hoyles

Early this month Dr. Boner addressed a communication to several of our professors in which he pointed out the "interest in the state in the possible role of The University of Texas in experiments in various parts of the state looking toward the production of rain." He went on to state that he would appreciate comments and recommendations from them "as to the practicability of experimental program in rain production by the University, assuming that funds could be made available." As you know, at the special meeting of the Regents on August 6 Mr. Sealy named a committee of three Regents, designated as the Special Committee for University Participation in Drouth Relief Program. The above-named committee was to report its recommendations at the meeting of the Board on September 21-22, 1956.

The minutes of the meeting carry the following comment of Mr. Sealy in appointing the Committee:

He asked the committee to study all possibilities, including rain-making techniques, for the University's participation in a program--jointly with the Texas Water Resources Commission and other agencies of the State, if that is indicated--which may be of benefit to Texas in this devastating drouth.

This special committee, as well as the Regents as a whole, will be interested in reading the attached copy of a letter from Professor Jehn to Dr. Boner, together with the attached copy of "Comments on the Efficacy of Cloud Modification with Particular Reference to the State of Texas," by Professor Vance E. Moyer. As Professor Jehn's letter indicates, we have a well-qualified staff of meteorologists here in the University and they are desirous of being of assistance in every reasonably possible way. They are prepared to meet with the Texas Water Resources Committee or any other such group and to make concrete suggestions about setting up an experimental program. Dr. Boner and I

-2-

had an extended conference this afternoon with two of the professors
and they assured us of their very great interest in this whale matter.

Sincerely yours,

Logan Wilson

LW k
Encl.

cc: Mrs. Charles Bevall
Mr. J. Lee Johnson, III
Mr. Lee Lockwood
Dr. Marton M. Minter
Dr. L. S. Gates
Mr. Tom Sealy
Dr. C. P. Boner
→Miss Betty Anne Theford

THE UNIVERSITY OF TEXAS
ELECTRICAL ENGINEERING RESEARCH LABORATORY
BOX 8026, UNIVERSITY STATION
AUSTIN 12, TEXAS

August 14, 1956

ACKNOWLEDGED	FILE
REC'D	AUG 15 1956
REFER TO	
PLEASE ANSWER	
PLEASE	

Dr. C. P. Boner, Vice-President
The Main University
Main Building 101

Dear Dr. Boner:

I am pleased to submit herewith two copies of a paper entitled "Comments on the Efficacy of Cloud Modification with Particular Reference to the State of Texas," prepared in response to your request of 3 August 1956.

The major task of preparing this document, including the incorporation of the considered judgments of all of us (except Professor Staley, who returns to Austin at the end of this month), has fallen to Dr. Vance E. Moyer, Assistant Professor of Meteorology and Research Meteorologist. Dr. Moyer came to us in 1954 well-qualified as an atmospheric physicist, following a period of study and research at Pennsylvania State University under Dr. Hans Neuberger. He now teaches our course in Physics of The atmosphere, and will probably continue to do so. Moreover, he will represent us at the 147th National Meeting of the American Meteorological Society in Albuquerque, New Mexico, early next month, where he will present a paper having the title "Some Effects of Aerosols on the Coalescence of Warm Aqueous Droplets."

In short, I feel that Dr. Moyer is exceptionally well qualified to handle the scientific aspects of any cloud modification program to be conducted in the State of Texas under University of Texas auspices, and I am pleased to recommend him to you for this purpose, should subsequent developments warrant such an appointment.

In the enclosed document, reference is frequently made to the President's Advisory Committee on Weather Control. We know Captain Howard T. Orville, Chairman of that Committee, personally, and have been in close touch with him since the Committee was appointed late in 1953. He was most helpful in providing information of use to us in the preparation of the enclosed paper. Moreover, Captain Orville informed me in a recent letter that the life of his Committee had been extended by the President for two more years, until June 1958. Under these circumstances, I feel that effective liaison can be maintained between The University Meteorology group and the President's Advisory Committee, to the mutual advantage of both groups.

Both Dr. Moyer and I would welcome the opportunity to elaborate in person on the contents of the enclosed document, particularly since some pressure has been exerted upon us to comment on this situation, both by the Texas Water

Resources Committee and the local press.

Sincerely yours



Kenneth H. Jenn
Assistant Professor of
Meteorology

KHJ:wt

cc: Dr. V. E. Moyer
Assistant Professor of Meteorology

Professor R. F. Dawson
Associate Director, Bureau of Engineering Research

Dr. A. W. Straiton
Director
Electrical Engineering Research Laboratory

COMMENTS ON THE EFFICACY OF CLOUD MODIFICATION
WITH PARTICULAR REFERENCE TO THE STATE OF TEXAS

On an overcast day in November 1946, Dr. Irving Langmuir and Mr. Vincent Schaefer, of General Electric Research Laboratories, Schenectady, New York, watched from different vantage points the effects of an experiment they were conducting in the free atmosphere. Dr. Langmuir waited on the ground in the hills of central New York State, while an airplane, in which Mr. Schaefer was a passenger, flew over the tops of a deck of stratocumulus clouds. From the aircraft, Schaefer dispersed finely ground particles of dry ice into the top of the cloud. The results were quickly obvious to both teams of observers. Within a short time, snow fell from the base of the cloud, while the structure of the layer was seen to change radically and unnaturally: the cloud thus "seeded" with dry ice thinned out visibly and began to dissipate as the elements of which it was composed grew to precipitable size and fell from the sky.

This event was the modern re-birth of attempts to modify natural weather events for the benefit of Man. The principles upon which the experiment was conducted were not new, but their application in this fashion was the first such attempt in history.

Since that date, a controversy over the efficacy of such cloud-seeding techniques has raged unabated. There soon sprang into existence a host of commercial "rainmakers" who quickly announced glowing reports of successful results to a hopeful public. Professional meteorologists, caught unprepared to explain such effects in terms of what was then known about the physics of precipitation, were reluctant to acknowledge the claims of those who were using cloud-seeding techniques for personal gain. Numerous controlled experiments were conducted to test the efficiency of rainmaking. Although gains in precipitation seemed to result, per se, from such experiments, statistical evaluation failed to confirm this, and the controversy continued.

On February 8, 1956, the chairman of the Advisory Committee on Weather Control (ACWC) submitted to the President of the United States a report which stated that "cloud seeding produces substantial and economically important increases in precipitation." The quotation stated here was intentionally taken out of context, for as such it was interpreted by the press and by those who stood to profit from such a statement. As a result, there has arisen in the minds of the uninformed the popular notion that all that one has to do to augment the precipitation that would fall naturally is to set into operation a number of strategically located ground-based nuclei generators. In fact, one commercial operator went so far as to state that "there is every reason to believe that cloud seeding operations could materially alleviate water shortages and drought conditions wherever they appear." (The underscoring is ours.) This is a gross misuse of the Committee's text.

Actually, the full statement of the ACWC Interim Report of February 1956 restricts itself to the applicability of cloud seeding techniques in winter meteorological situations in those places where orographic uplift of surface air ensures that ground dispersed nuclei reach the optimum levels within clouds, viz., the Pacific Coast states. A consultant of ACWC, Mr. H. C. S. Thom, Chief Climatologist and a well known statistician, amplified on the Committee's findings during a conference at Tucson, Arizona on 10 April 1956. He commented that the "superior methodology for evaluating weather control experiments statistically" used by the Committee indicated that no statistically significant results appeared to be obtained from commercial operations over level terrain; furthermore, no evaluations were offered for summertime operations.

The pertinent question that we must now consider is this: Can the practice of what is popularly called "artificial rainmaking" be put to use to alleviate the drought conditions now suffered by most of the State of Texas? The fact that the municipalities of Dallas and Fort Worth continue to hire the services of the Water Resources Development Corporation of Denver, Colorado, would appear to indicate an

affirmative answer, since the former city has entered into its fourth contract with that organization since November 1952 at a total cost to the city reported to be about \$150,000.00.

PRECIPITATION PROCESSES

The development of precipitation depends largely on the motion of the air and on the physical and chemical properties of the aerosols that serve as condensation and freezing nuclei. Air motions cannot be significantly modified by Man for purposes of precipitation augmentation. Nuclei may sometimes be tampered with for the benefit of Man in this same sense. These factors determine the concentration, initial size distribution, and the nature of cloud particles. As soon as cloud particles have formed, the processes of condensation and coalescence begin to deform the original distribution of drop sizes because the production of potential precipitation elements is now under way. Because air motions govern the dimensions, water content, and duration of the cloud, they control not only the rates of these processes but also the period during which they operate and therefore the maximum size that the cloud particles can attain. If these particles grow large enough, precipitation will result, but again it is the air motion that determines the intensity and duration of development.

The laws governing the motion of cloud air and the formation, growth, and coalescence of cloud droplets are not firmly established. There are tremendous variations in the properties and concentrations of atmospheric aerosols, both natural and artificial, and many of these are not well known. Accordingly, it is not yet possible to postulate a general, quantitative theory of precipitation development, but we do appear to have now a reasonable qualitative picture based on simplified theoretical calculations, supported by aircraft, radar, and visual observations.

Meteorologists recognize two principal precipitation mechanisms: the Wegener-Bergeron diffusion process requiring the coexistence of ice crystals and

supercooled water droplets, and the coalescence process in which water droplets collide and accrete. Radar and aircraft observations strongly suggest that the ice-crystal process is largely responsible for the release of precipitation from layer clouds which are usually sustained by upglide of only a few centimeters per second. In cumulus clouds, showers may be released through the growth by coalescence of water droplets or the growth of ice particles in the presence of supercooled droplets, and it may not be easy to draw a clear-cut distinction between the two possibilities. In cold clouds with bottom temperatures below 0°C , the growth of ice particles will be favored, while growth of droplets by coalescence will be favored in warm clouds. There will be an intermediate temperature range in which either mechanism may initiate precipitation depending upon the cloud structure and dynamics and upon the available supply of condensation and freezing nuclei.

CLOUD SEEDING

Warm Clouds.

The seeding of warm clouds, i.e., those in which the temperature is everywhere above 0°C , seems to be best accomplished by spraying water or other aqueous solutions from aircraft in an effort to induce rain to form by the coalescence process. This has been practiced in the United States, Puerto Rico, the Hawaiian Islands, and in Australia. There is a large measure of agreement between different experimenters and there is no doubt that given suitable conditions precipitation can be induced to fall from warm clouds by this method.

The more successful of these experiments have used large quantities of water for seeding, ranging from 500 pounds of water per cloud to more than 5000 pounds per cloud. Accordingly, there is some question as to whether or not it would be economical to transport such large quantities of material into clouds for the purpose of causing a net change in rainfall over a wide area. The only experiments on augmentation over wide areas are those in which giant nuclei of sodium chloride

have been released from the ground into air which is known to be deficient in such nuclei, but these experiments have not continued for a sufficiently long period to produce a definite answer.

Supercooled Clouds.

There is far less agreement on the results which have been obtained in connection with the seeding of supercooled clouds. Much effort has been expended in attempts to bring about a net change of rainfall over an area or to determine whether a net change has taken place. There are indications from controlled single cloud experiments that the use of dry ice as a seeding agent is successful for cloud temperatures colder than minus 6°C. Some unpublished data suggest that silver iodide is effective also at temperatures below minus 6°C.

Most of the experiments on supercooled clouds that have been conducted with the aim of determining the net change in precipitation have seldom been designed in a way which allows an unambiguous interpretation of the results; furthermore, these experiments have not been accompanied by positive demonstration that ground generators produce stable nuclei or that air turbulence is usually effective in spreading these nuclei throughout the target clouds. The stability of silver iodide nuclei has been questioned and little is known about the quantity required in individual cases. In addition to these uncertainties, the many unknowns in the condensation and coalescence of precipitation, the electrical factors, etc., make it impossible at present to diagnose the deficiencies responsible for lack of precipitation in individual cases and recommend specific "prescriptions" to remedy the deficiencies. In our opinion, these latter are the most serious obstacles to the use of ground-based smoke generators, especially over the level terrain that characterizes much of Texas.

It must also be clearly understood that there are certain conditions that are either favorable or unfavorable for successful cloud seeding operations. The favorable conditions seem to be: large, thick clouds from which no precipitation

is falling; thermodynamic instability of the air; no temperature inversions; little vertical wind shear; high humidities; and insufficient condensation or freezing nuclei. Evidently, then, the unfavorable conditions would be: the absence of clouds; the presence of a strong temperature inversion characteristic of subsiding air; large vertical wind shear; low absolute humidity; small lapse rates of temperature, i.e., stable air; weak atmospheric circulation; and large quantities of cirrus clouds.

Both favorable and unfavorable conditions have been observed in Texas, of course; by and large, however, there appears to be a preponderance of unfavorable factors for the State as a whole (e.g., subsiding air and low absolute humidity), particularly during the seasons when augmentation of precipitation is most desirable. There are very good climatological reasons why portions of the State of Texas should be arid or semi-arid. Any region in the "rain-shadow" of the Rocky Mountains tends to be deficient in rainfall. The conditions that lead to this deficiency are precisely those that frequently (but not always!) tend to nullify the chance of success of seeding operations. Before making any definite statement with regard to the results to be expected from a cloud seeding program, therefore, it would be important to assess the proportion of favorable to unfavorable factors in the various parts of the State. In particular, it would be important to know something of the population of "seedable" clouds in Texas during the dry season.

There will always be regions of the earth in which it will be difficult or impossible to modify precipitation artificially. Where climatological and topographical conditions are favorable, however, such as those that occur either frequently or sporadically in some parts of our State, there are now indications that real and economically important increases in precipitation might be obtained. Only further research can reveal whether the State of Texas can exploit these conditions to optimum advantage.

CONCLUSION

The above statements on the scientific aspect of what is popularly known as artificial rainmaking, and the unenviable position of the meteorologist within the controversy that prevails between the commercial rainmakers and the statisticians who have evaluated cloud seeding efforts, are largely paraphrases of papers delivered at the Conference on the Scientific Basis of Weather Modification Studies at Tucson, Arizona, on April 10-12, 1956 by three distinguished participants: Mr. B. J. Mason, Head of the Cloud Physics Laboratory of Imperial College, London, England, Dr. E. G. Bowen, Chief of the Division of Radiophysics, Commonwealth Scientific and Industrial Research Organization, Sydney, Australia, and Dr. F. W. Reichelderfer, Chief of the United States Weather Bureau. This meeting was summarized by Dr. James E. McDonald, Associate Director of the host Institute of Atmospheric Physics of the University of Arizona, in the June 1956 issue of the Bulletin of the American Meteorological Society, as follows:

"The gist of this conference seemed to the writer to be essentially this: The conferring investigators did not present findings which, viewed as a whole, provide much research evidence supporting the flowing claims that certain cloud seeders have issued in past years, but they reported many recent results that document the vigorous progress that cloud physics has been making toward understanding cloud and precipitation processes. Hence, one noted a prevailing point of view that might be briefly described as cautious optimism. So little is yet known of the intricacies of precipitation processes that it seems presumptuous to assume either that we could yet expect to be exercising optimum control over cloud processes or that, alternatively, we could yet expect to have ruled out all possibility of useful control."

The same cautious optimism is reflected in the opinions of the professional meteorologists in The University of Texas. During drought years, the augmentation of precipitation by even a small amount would undoubtedly have an enormous impact on the economy of the State of Texas. However, since Texas consists mainly of level terrain, since the climate of much of Texas is such that one should expect arid or semi-arid conditions to prevail normally during "dry spells" by virtue

of its geographical location, since the efficacy of ground-based generators is questionable, and since the effectiveness of silver iodide as a nucleating agent under certain conditions is seriously doubted by many responsible researchers, normal prudence requires that our opinion stress the note of caution expressed by Dr. McDonald.

Under circumstances of economic stress, such as those that prevail at present, any means that held promise of a possibility of relieving the drought conditions in our State probably merits the risk of a trial. It is to be hoped, however, that this trial would not be allowed to impede the chances of progress in our understanding of the processes responsible for rainfall in the Southwest; research in cloud and precipitation physics and the meteorology and climatology of Texas needs to be pressed forward even harder, so that augmentation efforts may ultimately achieve optimum returns. That they do not do so now, we stand firmly convinced.

RECOMMENDATIONS

Texas is not climatologically homogeneous: there are parts of the State in which the natural environment may tend to favor successful results in efforts to augment natural rainfall. These are, for example, the northern counties, which are most frequently influenced simultaneously by conflicting air masses that favor precipitation from layer-type clouds, and the western counties, which exhibit local irregularities in terrain over which orographic lifting of surface air might favor the use of ground generators. The greatest challenge is presented by the relatively flat lands of south, central, and parts of east Texas. Obviously, it would not be reasonable to believe that a given cloud seeding technique would succeed equally in all parts of the State.

The scale on which an actual cloud seeding program should be carried out for the State of Texas cannot be determined unequivocally. It is obviously a function of the available funds, the necessary time in setting up the program,

and the availability of personnel, equipment, and technical ability of the experimental group. While a large-scale statewide cloud seeding program could be set up, it would take a considerable amount of time, money, and organization, and from what has been said earlier, it would probably not result in a comparable areal increase in rainfall over that which could be obtained from one or more smaller-scale programs in more favorable locations. Naturally, the smaller time involved in preparation, the more simplified experimental techniques applicable, and the more rigorous evaluation possible over smaller areas would all favor the smaller-scale attack. However, in the final accounting, the urgency of the need and the possible benefits obtainable must be balanced to determine the answer to this question.

Two specific recommendations must be made, however, independent of the scale on which any rain-increasing attempt is to be made. The first of these involves the fact that from the scientific point of view, it is most desirable first to conduct basic research on the diffusion and coalescence mechanisms of precipitation with the aim of learning more about the processes as they operate in Texas, and then secondly (or concurrently) to apply this knowledge in efforts to alleviate drought conditions; in no case should promiscuous cloud seeding be permitted to take precedence over the necessary research.

Recommendation One

Accordingly, it is our recommendation that any experimental field work should be strongly undergirded by rational basic research in cloud physics. We recognize the urgency caused by the present drought situation, but the unbiased evaluation of experimental work is so important that carefully conducted experimental seeding is the only kind which should ever be done by any group, especially considering the present state of knowledge on the subject. A recommendation of the President's Advisory Committee on Weather Control is pertinent here; it states in part:

" . . . the Committee finds that in view of the importance of the weather and weather conditions to the economics and the well-being of the nation, the number of scientists engaged in research on basic phenomena of the atmosphere is far too small; that the present state of our knowledge is far from adequate from the standpoint of effective application to modification of weather and climate; that determined and continuing effort must be made to train more students to become competent research workers in the sciences that pertain to the weather"

Recommendation Two

Secondly, it is our feeling that the University itself should not assume the role of cloud seeder, as such, for any State of Texas cloud modification program, but should rather administer, coordinate, and evaluate the experimental program. A State organization such as the Texas Water Resources Committee, the Division of Defense and Disaster Relief, the various River Authorities, county agents, the Civil Air Patrol, the Texas Air National Guard, etc., or perhaps commercial seeders should make the necessary arrangements for equipment and field personnel for the program. Administration and control of the project, however, would be an essential prerequisite to University participation, since there is a danger that The University of Texas might otherwise become umpire rather than evaluator, and this we do not wish. It is also important that any cloud modification effort in the State of Texas be coordinated with the President's Advisory Committee on Weather Control, as a rational means of sharing weather modification experience for the benefit of all. Much of our present knowledge on this subject is due to the work of this group over the last two years, particularly the evaluation aspect of weather modification.

One approach to the problem facing the State of Texas (and therefore the University) would be to seek local or State support for at least a part of a research program (the experimental, or applied) and to invite support from some such organization as the National Science Foundation for the essential basic research. Since 1954, the Institute of Atmospheric Physics of the University of Arizona has been studying the meteorology and climatology of the Southwest

with particular emphasis on Arizona. A total annual budget of about \$100,000.00 has been provided by the Alfred P. Sloan Foundation, the National Science Foundation, and the State of Arizona, with the latter contributing about half.

While the underlying motivation for the establishment of this Institute in Arizona was that of water resources, no direct cloud seeding experiments have yet been pursued, but rather basic research on rain-producing mechanisms is being accomplished. This has involved the use of aircraft and radar in sampling clouds and air. A detailed cloud census is being made with the aim of determining the number of precipitating and nonprecipitating clouds that affect each region of Arizona and the characteristics that differentiate the two types. The Institute is also preparing detailed climatological surveys of various areas in order to relate seasonal variations of the general state of the atmosphere to cloudiness and precipitation. This work by Arizona's Institute of Atmospheric Physics will be of value to the state in such widely diverse fields as tourism, water storage, and flood control, in addition to forming the scientific basis for forecasting rain-producing and incipient rain-producing situations.

Recommendation Three

It is proposed that a similar program would be of significant value to the State of Texas. The various climatic regimes in Texas cover a wide variety ranging from desert to near tropical, and while some of the results of the Arizona pioneering studies can be utilized in Texas, the problems are in general not the same. The most effective attack on the atmospheric aspects of Texas water resources can only be made through an organization devoted to what might be termed the physical climatology of weather modification.

The present document represents the carefully considered thoughts of the professional meteorologists currently in the employ of The University of Texas. In summary, this group believes that a rainfall augmentation program holds

promise of benefit to the State of Texas. The individuals of this group are well qualified to participate in such a program and are willing to do so. However, this participation should be of a supervisory or coordinative nature and should include specification of a broad-scale research effort that would promote optimum benefits to the people of the State of Texas.

VEM: August 1956

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 12

August 27, 1956

Memorandum

To: Mr. J. R. Sorrell
Mr. Leroy Jeffess
Mr. Claude W. Voyles
Mr. Tom Sealy

Attached is a copy of another letter which
will be of interest to you on the subject,
"Experiments in Rain Making."

Logan Wilson

LW k
Encl.

cc: Dr. C. P. Boner
—Miss Betty Anne Thedford

THE UNIVERSITY OF TEXAS
AUSTIN

BUREAU OF ENGINEERING RESEARCH

9 copies 48
PRESIDENT'S OFFICE, U OF T
ACKNOWLEDGED FILE
AUG 20 1956
AUGUST 17, 1956

Dr. C. P. Boner, Vice President
The University of Texas
Main Building 101B
Austin 12, Texas

Dear Dr. Boner:

I have delayed in answering your letter of August 3 regarding the role of the University participating in experiments in rain making until Mr. Kenneth H. Jehn had an opportunity to prepare a report from the Meteorology Department on this subject.

I feel that Mr. Jehn and Dr. Moyer have presented the case for rain making in a very excellent manner and I agree that the University should not enter into a wholesale rain making experiment. Anything we do should be toward the development of adequate technical knowledge on this subject which might be used by the citizens of the State either individually or through certain organizations that are in that business.

I am sure that all the members of the College of Engineering faculty are widely interested in the water problem of Texas and want to do everything possible to assist the State in the solution of this problem. Actually the problem is far greater than merely seeding of clouds in an attempt to bring rain. Because of geographical location and climatic conditions, Texas may expect continued periods of drouth from time to time. But if the State is to grow both in the number of citizens it has within its borders and industrially, it must face the water problem in a very bold manner. In addition to the drouth that prevails in the agricultural areas, there are many communities in the State that are short of water for both municipal and industrial uses. It is predicted that within the next twenty years there must be a 100 per cent increase in the water supply for municipal and industrial uses. Therefore, a solution that would supply only sufficient water to take care of the present needs and not look to the future would be a false step.

Of course, if the seeding of clouds could bring sufficient rainfall, other water problems would be of a minor nature because storage facilities could be provided to take care of the immediate needs; and with sufficient rainfall, the problem would be solved. However, as pointed out by Dr. Moyer, the conditions are not such that the seeding of clouds would assure rainfall in any given period or perhaps in some areas not in a rather long period of time. However, this information must be substantiated by future investigation.

Dr. C. P. Boner, August 17, 1956, page 2

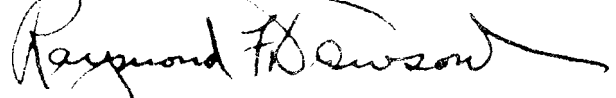
In order to insure an adequate water supply for the State, investigations should be made not only in the control of rainfall by cloud seeding but also on the storage and control of surface and the utilization of ground water. The control of evaporation from storage reservoirs is a problem that might be quite productive for a research program. It is estimated that in numerous cases during the hot summer months the evaporation from reservoirs is greater than the industrial or municipal use.

The members of the faculty of the College of Engineering through the Bureau of Engineering Research are interested in doing everything possible to assist the State in the solution of the water problem. Certainly we can assist in many problems, such as the collection of storage and retention of municipal water supplies, the effect and possibility of cloud seeding, operation and efficiency of sprinkler and irrigation systems, and many other subjects. Undoubtedly other departments of the University should also be considered. Certainly the Bureau of Economic Geology should come into any ground water studies. Also the Law School might properly enter the picture in considering the results of cloud seeding.

This subject is, at the present time, very controversial from the legal standpoint. Should the seeding of clouds in one area cause considerable rainfall, would an adjacent area which might be short of rainfall be in a position to bring suit against the first area because of possibility of removing moisture that they might have received? Or, the opposite point of view, suppose that after clouds were seeded in a certain area a flood occurred; would the citizens in the flooded area be in a position to bring suit against the rain makers for causing the flood? Such matters should be thoroughly investigated and certainly the University must be most cautious in entering into the rain making business because of the fact that such occurrences just mentioned might put us in a very unhappy relations with many citizens of the State. This merely points out again the fact that the University should be purely on the research end of the program and not in the actual rain making phases.

To follow through any of these suggested investigations would cost a considerable sum of money, and to do the job right would be most expensive. However, the problem is so acute and so important to the State that I believe it would be wise for some agency to start a complete program of research. This, of course, is a matter for the entire State and should be financed by a legislative appropriation. There is also the possibility that certain federal funds might be available for such research; and perhaps the University Development Board might look into this and other sources from outside the University.

Sincerely yours



Raymond F. Dawson
Associate Director

RFD:fnb
cc: Kenneth H. Jehn
W. R. Woolrich

BUREAU OF BUSINESS RESEARCH
THE UNIVERSITY OF TEXAS
AUSTIN 12

OFFICE OF THE DIRECTOR

August 23, 1956

Dean W. R. Spriegel
W. H. 123

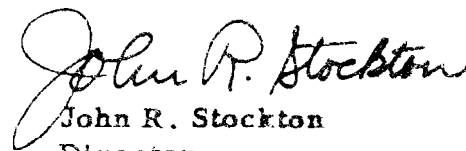
Dear Dean Spriegel

I have seen an announcement by the University that its resources are to be made available to all agencies studying the water problem in Texas. In this connection it might be well to give some publicity to the information that the Bureau of Business Research has in the files.

In making a study for the Bureau of Reclamation on water requirements of the Gulf Basin of Texas we made a complete enumeration of water departments and large industrial water users. The data collected in this survey has been put on punch-cards and it would be possible to tabulate the water consumption in 1954 of any county in the Texas Gulf Basin. In addition, we have made a detailed study of the potential growth of this area, and without a large amount of study it would be possible to break the forecast for the whole area into smaller regional forecasts. On the basis of these forecasts and our 1954 water consumption data we could project the water requirements of any group of counties in the Gulf Basin.

I realize that the solution of the water problem in Texas consists largely of providing more water. However, a projection of the water requirements of a region sometimes is an important part of the total problem, and the University might want to make known that this information is available in the files of the Bureau of Business Research. The U. S. Bureau of Reclamation will have our report on total requirements for the basin broken down into a few large areas, but we would be able to break these requirements down into still smaller areas from the data we have on file. Since the collection of the original data has already been paid for, the cost of such a study would be only what was needed to tabulate the historical data by the smaller area and then to project the requirements of the smaller area from the information we already have available on the potential growth of the state. I believe we could contract to make such studies at a reasonable cost and still cover all the costs including University overhead. It is possible that water authorities and cities might be interested in having such studies made.

Sincerely yours


John R. Stockton
Director

JRS:jv

For Regents' Use

Approval of Minutes, June 1, 1956

Approve _____ or Disapprove _____

Corrections

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

Approval of Minutes, August 6, 1956

Approve _____ or Disapprove _____

Corrections

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

Approval of Docket

Approve _____ or Disapprove _____

The docket of President Wilson was
mailed to you from the President's Office.

Questions and Comments

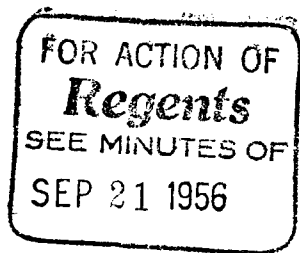
FOR ACTION OF
Regents
SEP 21 1956

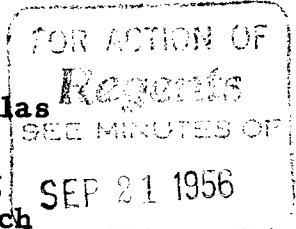
For Regents' Use

**RESOLUTIONS TO OUTGOING AND NEWLY APPOINTED
MEMBERS OF THE UNIVERSITY DEVELOPMENT BOARD**

(This action was taken at the June meeting but in order that no publicity be given to it prior to the end of the terms of the incumbents, it will be included in the September minutes.)

Comments





The following appointments were agreed upon at the meeting in Dallas on April 18 and action was taken at the June, 1956, meeting of the Board with instructions that resolutions be written for the outgoing and the new appointees, but that announcement be withheld until such time as the other appointees were named. Thus, because of the publicity element involved, the following resolutions were not incorporated in the minutes of the June meeting but will be included in the September 22 meeting as a formality and are enclosed in this bound volume in order to complete the material supporting the minutes for the September meeting:

Resolution

WHEREAS, The University Development Board performs important services vital to the existence and progress of The University of Texas as one of the leading state universities in this country; and

WHEREAS, The Board of Regents of The University of Texas seeks for membership on the Development Board outstanding and influential Texas citizens who have demonstrated their interest in and loyalty to The University of Texas; and

WHEREAS, Mr. James Ralph Wood has served as a member of the Development Board, giving of his time to promote the accomplishment of the purposes and endeavors of the Development Board and has faithfully and ably performed his duties as a member of the Board; now therefore be it

RESOLVED, That the Board of Regents of The University of Texas hereby adopts this resolution of appreciation to Mr. James Ralph Wood for his distinguished service to The University of Texas as a member of the Development Board.

Resolution

WHEREAS, The University Development Board performs important services vital to the existence and progress of The University of Texas as one of the leading state universities in this country; and

WHEREAS, The Board of Regents of The University of Texas desires the services on the Development Board of outstanding and influential Texas citizens who have demonstrated their interest in and loyalty to The University of Texas; and

WHEREAS, Mr. Jodie Thompson has gained recognition in his own community and throughout the State as a person of integrity and ability and has in many ways, on many occasions, rendered valuable and faithful service to The University of Texas; now therefore be it

RESOLVED, That the Board of Regents of The University of Texas has this day selected and elected Mr. Jodie Thompson as a member of the Development Board to serve a six-year term beginning September 1, 1956, and expiring August 31, 1962.

Resolution

WHEREAS, The University Development Board performs important services vital to the existence and progress of The University of Texas as one of the leading state universities in this country; and

WHEREAS, the Board of Regents of The University of Texas desires the services on the Development Board of outstanding and influential Texas citizens who have demonstrated their interest in and loyalty to The University of Texas; and

WHEREAS, Mr. J. A. Gooch has gained recognition in his own community and throughout the State as a person of integrity and ability and has in many ways, on many occasions, rendered valuable and faithful service to The University of Texas; and

WHEREAS, Mr. Gooch has served with distinction on the Development Board for a period of two years; now therefore be it

RESOLVED, That the Board of Regents of The University of Texas has this day selected and elected Mr. J. A. Gooch as a member of the Development Board to serve a six-year term beginning September 1, 1956, and expiring August 31, 1962.

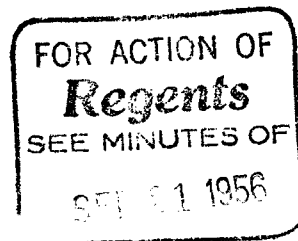
For Regents' Use

Schedule of Meetings, 1956-57

(Various administrative officials inquire as to the scheduled meetings of the Board in order that these individuals may know which appointments to accept and which to decline.)

Suggestions:

Re Wilson Res engagements
10/25 - 27
12/3 - 6

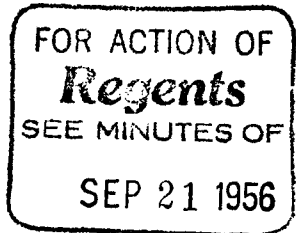


For Regents' Use

Main University

Small Classes, First Term and Second Term
Summer Session, 1956

Comments



This report is made in accordance with House Bill 140, 54th Legislature, R. S., Article V, Section 18, Subsection g, which reads as follows:

Class Sizes. The general academic teaching institutions of this State shall offer only such courses and teach such classes as are economically justified in the considered judgment of the appropriate governing board.

Whenever any undergraduate class falls below an initial enrollment of ten (10) students by head count and any graduate class falls below an initial enrollment of five (5) students by head count, such fact shall be reported by the president to the appropriate governing board of such institution. If the governing board considers such class size to be necessary and justifiable, the class may be continued; if the governing board considers such class to be unnecessary and unjustifiable, the class shall be combined with another class of like subject matter or such other action taken as the governing board may approve.

A list of all such classes below the above stated minima which are approved by the governing board shall be reported by the general academic teaching institution to the Texas Commission on Higher Education. Reports on enrollment and class sizes shall distinguish between undergraduate and graduate classes and between organized classes and individual instruction type courses.

THE UNIVERSITY OF TEXAS

Main University

First Term 1956 -- Summer Session

Small Class Report

FOR ACTION OF
Regents
 SEE MINUTES OF
 SEP 21 1956

A. UNDERGRADUATE CLASSES HAVING FEWER THAN TEN STUDENTS AS OF THE TWELFTH CLASS DAY

I. Highly specialized courses required for professional degrees.

Gov. f258 (Introduction to Public Administration) -- 8 students
 Ch. E. 664 (Unit Operations Laboratory) -- 9 students
 Arc. 264L (Working Drawings) -- 3 students
 Arc. 564 (Architectural Design) -- 3 students

II. Courses in small departments which offer the minimum number of courses consistent with having at least an acceptable, balanced program.

Bot. 326 (The Plant World) -- 7 students
 Lat. 406 (Beginners Latin) -- 9 students
 Lat. 210a (Elementary Prose Composition) -- 4 students
 Grg. f225 (Geography of Texas) -- 6 students
 P. Ed. 361 (Conduct of Competitive Sports for Girls) -- 7 students

III. Courses which a large department regards as necessary for a rounded program.

Eco. 217 (Labor Relations in an Industrial Society) -- 6 students
 Gov. 258 (Introduction to Public Administration) -- 9 students
 Ed. C. 374 (Curriculum and Instruction in Secondary-School Sciences) -- 9 students
 J. 260 (Law of the Press) -- 6 students
 Mus. f360P.1 (Pedagogy of Wind Instruments) -- 2 students
 Mus. f411a (Dictation and Sight-Singing) -- 6 students
 Mus. f612a (Harmony) -- 4 students
 Mus. f363 (Radio Music) -- 9 students

IV. Courses for which students pay a supplementary fee for individualized Fine Arts instruction.

Mus. w200J.5 (Class Instruction in Applied Music--Piano) -- 4 students
 Mus. w210K.5 (Class Instruction in Applied Music--Piano) -- 5 students
 Mus. f200.2 (Class Instruction in Applied Music--Percussion) -- 2 students
 Mus. f200J.5 (Class Instruction in Applied Music--Piano) -- 5 students
 Mus. f210K.9 (Class Instruction in Applied Music--Advanced Brass) -- 2 students

First Term 1956, Summer Session, Small Class Report, page 2

V. Miscellaneous.

- Ed. A. 363E (Organization and Supervision of Evening and Part-Time Classes)--
4 students -- Required for certificate for trade industrial education
persons in state. Taught every other summer.
- Ed. C. 378M (Principles and Curriculum Problems in Business Education) --
6 students -- Needed to round out offering in business education, a
relatively new program at University.

B. GRADUATE CLASSES HAVING FEWER THAN FIVE STUDENTS

- Acc. 287 (Advanced Cost Accounting and Budgeting) -- 4 students -- Necessary
for a well-rounded graduate program.

THE UNIVERSITY OF TEXAS
Main University
Second Term 1956 -- Summer Session
Small Class Report

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

A. UNDERGRADUATE CLASSES HAVING FEWER THAN TEN STUDENTS AS OF THE TWELFTH CLASS DAY

I. Highly specialized courses required for professional degrees.

Ch. E. 664b (Unit Operations Laboratory) -- 9 students

II. Courses in small departments which offer the minimum number of courses consistent with having at least an acceptable, balanced program.

J. 265 (Editorial Writing and Direction) -- 5 students

Phl. 242 (Readings in Classical Political Philosophy) -- 8 students

Phl. 276 (The Social Philosophy of Thomas Aquinas) -- 9 students

III. Courses which a large department regards as necessary for a rounded program.

Eco. 271 (Income and Employment) -- 9 students

M. 321L (Advanced Calculus) -- 9 students

M. 322L (Differential Equations and Applications) -- 7 students

Phy. 339 (Heat and Thermodynamics) -- 8 students

Psy. 320 (Statistical Methods in Psychology) -- 9 students

Psy. 242 (Developmental Psychology II: Adolescent) -- 8 students

Acc. 273 (Advanced Auditing) -- 6 students

Acc. 373 (Advanced Auditing) -- 1 student (Meets with Acc. 273)

Ed. P. 371 (Educational Statistics) -- 8 students

Drum. 362K (Play-Directing in the High School) -- 9 students

Mus. 370 (Song Literature) -- 4 students

Mus. 411b (Diction and Sight Singing) -- 6 students

Mus. 413b (Theory of Music) -- 7 students

Mus. 612b (Harmony) -- 4 students

IV. Courses for which students pay a supplementary fee for individualized Fine Arts instruction.

Mus. 200J.5 (Class Instruction in Applied Music--Piano) -- 3 students

Mus. 210K.5 (Class Instruction in Applied Music--Piano) -- 4 students

Mus. 200. 1 (Class Instruction in Applied Music--Violin) -- 4 students

Mus. 200. 2 (Class Instruction in Applied Music--Percussion) -- 2 students

Mus. 200. 3 (Class Instruction in Applied Music--Voice) -- 4 students

Mus. 200. 4 (Class Instruction in Applied Music--Woodwind) -- 2 students

Mus. 200.10 (Class Instruction in Applied Music--Brass) -- 2 students

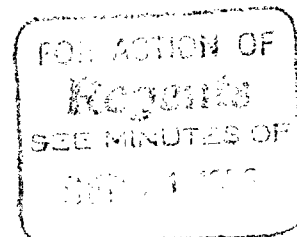
Mus. 200J.5 (Class Instruction in Applied Music--Piano) -- 6 students

Mus. 200K.5 (Class Instruction in Applied Music--Piano) -- 1 student

V. Miscellaneous.

Mus. 330K (History of Music in Western Civilization) -- 4 students--
Required for a graduating senior. Will not be offered again until second semester 1956-57. The professor teaches this course in addition to a full teaching schedule.

THE UNIVERSITY OF TEXAS
OFFICE OF THE VICE-PRESIDENT
MAIN UNIVERSITY
AUSTIN 12



August 28, 1956

Dr. Logan Wilson
President
The University

Dear Dr. Wilson:

This is to certify that the Main University of The University of Texas has complied with the provisions of the current appropriation bill with reference to limitation on courses of study (Article V, Section 18, Subsection e, H. B. 140, 54th Legislature, R. S.).

Sincerely yours,

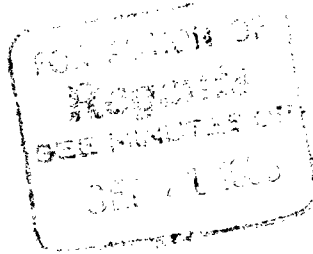
/s/

C. P. Boner
Vice-President
of the Main University

CPB:bg

For Regents' Use

Comments or Questions:



For Regents' Use

Texas Western College

Small Classes, First Term and Second Term
Summer Session, 1956

Comments

This report is made in accordance with House Bill 140, 54th Legislature, R. S. Article V, Section 18, Subsection g, which reads as follows:

Class Sizes. The general academic teaching institutions of this State shall offer only such courses and teach such classes as are economically justified in the considered judgment of the appropriate governing board.

Whenever any undergraduate class falls below an initial enrollment of ten (10) students by head count and any graduate class falls below an initial enrollment of five (5) students by head count, such fact shall be reported by the president to the appropriate governing board of such institution. If the governing board considers such class size to be necessary and justifiable, the class may be continued; if the governing board considers such class to be unnecessary and unjustifiable, the class shall be combined with another class of like subject matter or such other action taken as the governing board may approve.

A list of all such classes below the above stated minima which are approved by the governing board shall be reported by the general academic teaching institution to the Texas Commission on Higher Education. Reports on enrollment and class sizes shall distinguish between undergraduate and graduate classes and between organized classes and individual instruction type courses.

TEXAS WESTERN COLLEGE
of The University of Texas
El Paso, Texas

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

1956 Summer Session, First Term

Small Class Report

A. UNDERGRADUATE CLASSES HAVING FEWER THAN TEN STUDENTS AS OF THE TWELFTH CLASS DAY

I. Highly specialized courses required for professional degrees.

Biol. 312 (Microbiology) - 3 students
 Psy. 312 (Application of Psychology) - 9 students
 Bus. Adm. 203 (Intermediate Typewriting) - 4 students
 Bus. Adm. 331 (Business and Government) - 9 students
 Bus. Adm. 604a (Elementary Shorthand) - 9 students
 Bus. Adm. 620a-2 (Business Letters and Report Writing) - 8 students
 Ed. 332 (Radio Listening as an Aid to Elementary School Teaching) - 4 students
 Ed. 332K (Radio Listening as an Aid to Secondary School Teaching) - 7 students
 Engr. 868a (Alternating Current Machines) - 7 students
 Music 351 (Choral Methods, Techniques & Conducting) - 9 students - given at
 no expense to the State

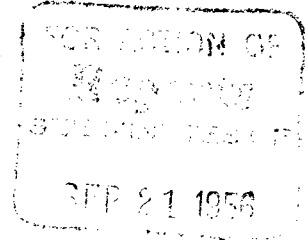
II. Courses in small departments which offer the minimum number of courses consistent with having at least an acceptable, balanced program.

Health and P.E. 201a-2 (Service Course for Freshman Men) - 4 students
 Health and P. E. 302-1 (Personal Hygiene) - 5 students

III. Courses which a large department regards as necessary for a rounded program.

Eng. 329 (English Romantic Poetry) - 7 students

TEXAS WESTERN COLLEGE
of The University of Texas
El Paso, Texas



1956 Summer Session, Second Term

Small Class Report

A. UNDERGRADUATE CLASSES HAVING FEWER THAN TEN STUDENTS AS OF THE TWELFTH CLASS DAY

I. Highly specialized courses required for professional degrees.

Bus. Adm. 342 (Personnel Management and Production Problems) - 9 students
Chem. 311 (Qualitative Analysis) - 9 students
Engr. 354 (Fluid Mechanics) - 6 students
Engr. (Plane Surveying) - 7 students
Engr. 268b (Alternating Current Machines) - 7 students
Engr. 358 (Heat Engineering) - 9 students
Govt. 325 (The Party System in the U. S.) - 7 students
Psyc. 341 (Advanced General Psychology) - 8 students
Speech 327 (Development of the Early Theater) - 5 students

Ia. Specialized courses required for professional degrees, given at no expense to the State.

Art 320K (Art History and Appreciation) - 3 students
Art Workshop B - 3 students
Bible 302 (Survey of the New Testament) - 7 students
Music 221C (Counterpoint) - 5 students
Music 439b (Applied Music) - 5 students
Music 459a (Composition) - 1 student

II. Course in small departments which offer the minimum number of courses consistent with having at least an acceptable, balanced program.

Health and P. E. 301 (Personal Hygiene - Men) - 7 students
Health and P. E. (Personal Hygiene - Women) - 8 students
Health and P. E. 201b-2 (Service Course for Freshman Men) - 8 students

III. Courses which a large department regards as necessary for a rounded program.

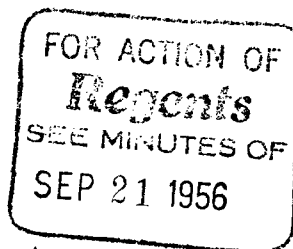
Eng. 357 (The English Novel Since 1900) - 9 students
Eng. 612b (Outline of English Literature) - 8 students
French 801b (Fundamentals of Reading, Writing, and Speaking) - 9 students

B. GRADUATE CLASSES HAVING FEWER THAN FIVE STUDENTS AS OF THE TWELFTH DAY

Edu. 390II (Problems in Education) - 3 students

For Regents' Use

A Brief Resumé¹ of the Items
Listed on the Committee of the Whole



1. Report of Nuclear Reactor Project
(Vice President Haskew will give a brief report on the project before the Academic and Developmental Affairs Committee.)

2. Report of Policies discussed by the Committee of the Whole, August 6
(Since only five members were present at the Special Meeting of the Board held on August 6, and since very definite policies, though not by direct action, were decided upon, and since such policies are reflected only in the Deliberations of the Board, I have given President Wilson a summary which he will present to the full Board.)

3. Blanket-Wide Fire and Extended Coverage Insurance
(I have not been furnished any material with reference to this topic.)

4. Future of University Owned Student Housing
(Each member has received a report from President Wilson on this subject; however, I am not sure that it is his intention to bring it up at this time.)

5. Sidney E. Mezes Awards
(The recipients of the Sidney E. Mezes Faculty Donation Committee will be announced by President Wilson in accordance with the last item on Page M-54 of the docket.)

6. Report re Blue Cross Hospital Insurance for Medical Students - Medical Branch - See following page.

7. Report of Special Housing Committee, Medical Branch - To be given by Doctor Truslow but no documentation.

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 12

See deliberations of Board
9/21/56.

June 15, 1956

Memorandum

To: Mr. Tom Sealy
Mrs. Charles Dewart
Mr. Leroy Jeffers
Mr. J. Lee Johnson, III
Mr. Les Lockwood
Dr. Merton M. Hinter
Dr. L. S. Oates
Mr. J. E. Sorrell
Mr. Claude W. Wyles

I think you will be interested in reading the attached copy of the Report and Recommendations of the Special Committee on Future University-Owned Student Housing. This is a subject we shall need to discuss at an early meeting of the Board.

Logan Wilson

LW:k
incl.

cc->Miss Betty Anne Bradford

64a

REPORT AND RECOMMENDATIONS OF
SPECIAL COMMITTEE ON FUTURE UNIVERSITY-OWNED
STUDENT HOUSING

June 8, 1956

Origin of committee. The committee was established by Vice-President Boner in September 1955 to assess the adequacy of current provision of University-owned housing for students, to project future needs, and to make recommendations for meeting those needs.

Composition of committee. Dean H. Y. McCown, Mr. Graves Landrum, Mr. F. C. McConnell, Dean Dorothy Gebauer, Dean Carl Bredt, Mr. W. B. Shipp, and Dean L. D. Haskew, Chairman.

Bases for report. The committee feels that it made an exhaustive investigation of contingencies and pertinent considerations. It completed several fact-finding studies, and conferred with University faculty and staff members in position to give authoritative opinions and projections.

Projections are always difficult. Unknown factors may make their appearance. The influence of known factors is hard to predict. For example, who can determine what influence desegregation will have on occupancy of University-operated student housing? Will the Legislature provide funds for increasing the University's enrollment beyond 21,000? To answer such questions with finality would be pure guesswork.

The committee adopted the course of describing as accurately as possible previous experience and trends, of

examining quantitatively and qualitatively all known influential factors, and of pooling judgment on debatable matters of policy. The projections and recommendations resulting are presented as the best that we can arrive at with present information.

The report does not detail all of the statistical data or other considerations taken into account. It attempts to summarize and condense without becoming burdensome with details.

Enrollment Projections

Fundamental to all considerations in this area are the student enrollments in future years. The availability of student housing undoubtedly influences enrollments somewhat, but in our case the determining factor appears to be the prospect of controlling enrollment by admissions and retention policies. We believe that student housing in existence or in prospect will be sufficient not to deter enrollment growth to 21,000 students, provided such growth is as orderly as that projected by the data in Table I.

Since such orderly growth under selective admissions is the present policy of the University administration, it seems to be the soundest basis for projections.

TABLE I. ENROLLMENT SUPPOSITIONS

Year	Total	Men	Women
1955-56	17,650	13,015	4,535
1956-57	18,500	13,600	4,900
1957-58	19,000	13,900	5,100
1958-59	19,500	14,200	5,300

1959-60	20,000	14,500	5,500
1960-61	20,000	14,500	5,500
1961-62	21,000	15,200	5,800

Basic Policies

The traditional policies of the University in regard to the provision of University-operated student housing have been very conservative. It has been expected that all such housing will be virtually self-liquidating, with no appreciable subsidy from public funds. This has resulted in rental rates which are not markedly below, for comparable accommodations, those which can be met by privately-owned enterprises. At the same time, the University has sought to provide sufficient housing at reasonable rates to counteract any undue inflation in private enterprise rates due to an excess of demand over supply of suitable accommodations.

Consistently, the percentages of University students housed in University-owned dormitories have been among the lowest in the nation. This is due only partially to our fortunate position in having here the five dormitories operated by fraternal and religious organizations. It is due much more to a deliberate policy of fostering private-enterprise housing as a sound investment, and of protecting that investment against sudden inroads by University competition.

In contrast with the great majority of universities operating major Graduate Schools, The University of Texas has

not provided subsidized low-cost family housing for graduate students as a matter of policy. While the University apartments have assisted some graduate students to have low-cost housing, this has been due to their Veteran status.

The Current Student-Housing Situation

The data in Table II reveal that the University was providing housing in the Fall Semester, 1955 for 17.3 per cent of its women students and for 17.4 per cent of its men students (assuming all student residents of the University Apartments and Trailer Park to be men). Both percentages were the highest in several years due to the completion of new dormitories. Highly

TABLE II. HOUSING FOR UNIVERSITY STUDENTS
FALL 1955-56

<u>Type of Housing</u>	<u>Numbers and Per Cents of Students</u>		
	<u>Men</u>	<u>Women</u>	<u>Total</u>
	1,606	690	2,296
University Dormitories	12.3	15.2	13.0
	0	96	96
University-Owned Co-Ops		2.1	.05
University Apts. and Trailer Park	652	0	652
	5.0		3.1
Other Dormitories	1,137	570	1,707
	8.7	12.7	9.1
Other Co-Ops	330	37	367
	2.5	.8	2.1
Fraternity and Sorority Houses	704	605	1,309
	5.4	13.3	7.5
Private Boarding Houses and Apartments	1,387	844	2,231
	10.8	18.6	12.7
At Home (includes married students not in University housing)	7,199	1,693	8,892
	55.3	37.3	50.5

significant are the "at home" percentages. Due to the high proportion of married men in our student body, it should be borne in mind that an increase of 100 in our women student enrollment generates about 50 per cent more demand for single-room housing than the same increase in enrollment by men.

Apparently, the pattern of housing distribution for 1955-56 is likely to remain fairly stable for the foreseeable future. Each increase of 100 in women's enrollment will generate a demand for 60 to 70 more room openings. Each 100 additional men will call for 45 to 55 more openings.

Some vacancies existed in approved housing in the Fall Semester, 1955-56. For women, the total number of such reported vacancies was approximately 150; for men, approximately 100, and those in marginal-type housing only. It should be remembered that both University-owned and private housing underwent a 30 per cent expansion between 1954-55 and 1955-56, and these numbers of vacancies were to be expected. In the Spring semester, 1955-56, University dormitories for women reported only 8 vacancies and those for men, 255. Of these latter, 184 were in the "marginal-type" housing provided in San Jacinto, Cliff Courts, and Little Campus dormitories.

The cost of housing to the student is a matter of primary concern. In 1955-56, the University had available 652 apartments and trailers for married students at rentals ranging from \$12.00 to \$40.00 per month. Although far from ideal as homes, these facilities -- restricted to Veterans -- were in high demand with a considerable waiting list. In Austin, very

few other apartments are available to married students at comparable rates. The median rental paid by married students approximates \$70.00 per month, with a decided shortage of apartments available at that figure.

Unmarried men students have available 541 University dormitory spaces renting for \$10 to \$19 per month, and approximately 300 spaces in Co-Op houses where the rates are comparable or even lower. Very few private rooming houses have been offering such rates, although there appears to have been some reduction of rates in the Spring Semester, 1956. It should be borne in mind that space which can be rented at these rates must have some undesirable features -- chiefly age. Under economic conditions existent in 1955-56, students seemed to be willing to pay higher rentals for better accommodations than these. Spaces renting for \$20 per month in University dormitories for men totaled about 460 in 1955-56, with an estimated 1,500 additional spaces available in private housing at comparable rentals. This space was under heavy demand. The \$30 per month spaces in air-conditioned, new dormitories totaled 606, but 402 of these spaces were in Moore-Hill Hall and only partially available for general student use. At least 600 similar spaces were available in private dormitories at rents ranging from \$30 to \$40 per month, and some 200 additional spaces of this character were under construction or contemplated. Most of the 700 spaces in fraternity houses fell in this category, with additions of 150 to 200 such spaces in immediate prospect. The market for such space was not vigorous.

Unmarried women students had access to 412 spaces in University Dormitories at room-and-board rates of \$72.50 per month, and to 270 spaces in air-conditioned Blanton Hall at \$85.00 per month. Only 136 women could be accommodated in the Co-Op houses where monthly board-and-room costs approximated \$50.00. The 570 spaces in private dormitories and an estimated 900 spaces in private rooming and boarding houses paralleled in cost the University's dormitory spaces, with a noticeable trend toward the "luxury-type" accommodations at \$85.00 to \$100.00 per month.

Future Needs for
University-Owned Housing

I. For Women Students. We believe that the University should construct no more Women's Dormitories, after Kinsolving is completed, within the next decade at least. The analysis presented in Table III supports this conclusion.

A decided need does exist for more spaces in Co-Op houses. Our estimate is that 150 such spaces would be filled -- and well-used -- by 1960. Present construction costs are such that the capital outlay for this housing cannot be amortized by rentals if the rates are to be kept at the needed level. Subsidies for construction are necessary, on the order of at least \$40,000 for each \$100,000 of construction and equipment cost. Assuming that such subsidy cannot be provided from University funds, we recommend that strong efforts be made to interest private donors

in this opportunity. We recommend further that small building sites for 6 to 10 such units be acquired or reserved in the Whitis area, as the opportunity arises. It is realized that the present Appropriation Act would require legislative authorization for this. We do not recommend reservation of any of the present campus area for these units. It is not necessary that Co-Op houses be located contiguous to the campus, even.

TABLE III. ANALYSIS OF DEMAND
FOR HOUSING FOR WOMEN

Year	Women's Enroll- ment	No. Seeking Spaces	No. Univ. Spaces	No. Non-Univ. Spaces	Total Spaces
1955-56	4,535	2,842	786	2,300	3,086
1956-57	4,900	3,285	786	2,350 ⁽¹⁾	3,136
1957-58	5,100	3,420	786	2,350 ⁽¹⁾	3,136
1958-59	5,300	3,550	1,566 ⁽²⁾	2,350	3,916
1959-60	5,500	3,685	1,566	2,350	3,916
1960-61	5,500	3,685	1,566	2,350	3,916
1961-62	5,800	3,820	1,566	2,350	3,916

(1) In view of the impending opening of Kinsolving, it is assumed that private and sorority housing will expand only incidentally. The deficit will be relatively easy to absorb in individual units.

(2) Kinsolving Dormitory will add 780 University spaces, and will probably fill at the expense of the private rooming houses. Our figures for demand may prove to be far too conservative but even if they are 15 per cent too low, adequate middle- and higher-cost housing will be available. In passing, we should point out that the Kinsolving Dormitory will, upon opening, create a surplus of housing available for women students but not a large surplus, relatively speaking.

The foregoing recommendations are based on a strong conviction that the University has some obligation to prevent deserving but impecunious young women from being priced out of the opportunity to attend The University of Texas. We should not allow ourselves to be forced into the position of catering preponderantly to the well-to-do, and the Co-Op house is one of the soundest means of providing financial help to students because it necessitates a willingness on the part of the student to help herself.

II. For Unmarried Men Students. Under conditions of controlled expansion in enrollment, no need appears for the University to engage in the construction of additional air-conditioned, semi-luxury dormitories for men, in the opinion of this committee. Even if the proportion of men students desiring and willing to pay for such accommodations should increase to one-third of the total demand, it appears that private enterprise will provide such accommodations and that the University's operation of Moore-Hill Hall and Simkins Hall will provide a sufficient yardstick.

One exception should be made to the foregoing recommendation. If the University is able to construct the proposed Continuation Center on San Jacinto, a 200-person capacity dormitory modeled after Simkins Hall could undoubtedly be self-amortizing and would be justified, in our opinion. The site for this dormitory should be alongside Simkins Hall, perhaps.

We face a real problem in maintaining the availability of low-cost housing of the San Jacinto Dormitories type. Such housing cannot be constructed new and amortized by rentals. Apparently, we have sufficient housing of this type to accommodate the demand through 1959-60. However, the cost of maintenance on San Jacinto Dormitories and Cliff Courts is advancing steadily. Also, the space occupied by some of these dormitories will be needed for permanent-type housing by 1962. We recommend that San Jacinto Dormitories be kept in repair through 1959-60 at least. Prior to that time we should be able to forecast the future need for low-cost housing more accurately. Private housing may fill the additional need, as the trend seems to be in Spring 1956.

The analysis presented in Table IV supports a recommendation that the University plan to construct more dormitories for men in the Brackenridge-Roberts-Prather price range.

TABLE IV. ANALYSIS OF DEMAND FOR HOUSING FOR MEN

Year	Men's Enrollment	No. Seeking Spaces	No. Non-Univ. Spaces	Univ. Spaces	Total Spaces	Surplus or Deficit
1955-56	13,015	5,816	3,700	2,260	5,960	✓ 144
1956-57	13,600	6,120	4,100	2,260	6,360	✓ 240
1957-58	13,900	6,255	4,100	2,260	6,360	✓ 105
1958-59	14,200	6,390	4,200	2,140 ⁽¹⁾	6,340	- 50
1959-60	14,500	6,525	4,200	2,300 ⁽²⁾	6,500	- 25
1960-61	14,500	6,525	4,300	2,300	6,600	✓ 75
1961-62	15,200	6,840 ⁽³⁾	4,300	2,300	6,600	- 240

- (1) Assumes taking Cliff Courts out of service.
- (2) Assumes occupancy of new 160-capacity unit.
- (3) Start construction of another 160-capacity unit, to be available Fall, 1962.

We recommend beginning construction on one 160-capacity unit in time for occupancy by Fall 1959, and thereafter beginning another such unit each time the men's enrollment increases by 500. It will be difficult for private enterprise to provide \$20-per-month housing of requisite quality, and yet it is highly important that we do have housing of this type available. The quantity of construction recommended would increase slightly our present proportion of University housing for men. The dormitories we propose are not to be air-conditioned and are to be of plainest construction. We have investigated the construction cost problem somewhat and are convinced that satisfactory housing can be built and amortized at the \$20 level, although it will take very close planning.

It is our opinion that two alternatives should be explored for locations for this new housing. One alternative would be to replace Cliff Courts with it, and then gradually take over the Freshman Practice Field area. The other would be to locate a new center to surround the parking area at the NE corner of San Jacinto and 23rd Streets.

III. For Married Students. In 1955-56, 27 per cent (3,503) of our men students and 13.3 per cent (604) of our women students were married. Although the Korean Veterans' benefits were undoubtedly raising these figures somewhat above normal, the

figures presented in Tables V and VI do not indicate any marked drop in numbers of married students in the future. At the same time, the social trend is still in the direction of an increase in early marriages.

The University has made only one provision for housing married students -- the apartments for Veterans constructed after World War II. That this housing, in spite of its inadequacies, has proved to be a great boon cannot be doubted by anyone who has had contact with those who have used it. Restricted to Veterans, it has still served as a form of much-needed assistance to graduate students. The demand for space in these apartments continues high. The low rentals (\$20.00 to \$40.00 per month) are absolutely essential to many students, and take precedence over more luxurious quarters.

The question of what the University should do about providing married student housing in the future is not an easy one to answer. We find that most major universities in the nation are constructing apartments for the use of married students. Their argument is that the married student deserves the same provision for his housing welfare as does the unmarried student; that marriage by students is a normal part of the college scene of the future. Most universities are also providing low-cost, family housing as a form of subsidized assistance to graduate students.

Recently-completed family apartment units at other universities are renting for \$65.00 to \$85.00 per month,

apparently. We have been unable to locate any recent construction being amortized at rates lower than these. At the present time, and for the foreseeable future, privately-owned apartments in these rental ranges seem to be in reasonable supply in Austin. They lack the convenience in location which University-owned units might possess, and fluctuations in the supply-and-demand situation occasionally result in shortages of really-desirable housing for our married students. Ideally, it would be fine if the University provided one "yardstick" installation for student protection.

However, we conclude that the University would not be justified in undertaking the construction of family apartments to be fully amortized by rentals in view of the present real estate situation in Austin. If that situation should change so that rentals advance by ten per cent or more, one apartment unit of medium size might be justified.

This decision, however, does not meet the really pressing problem in this area. Our graduate program seems to create a particular need for low-cost family housing for graduate students. We are cognizant of the argument that subsidies for graduate students should be direct and not hidden in housing costs. Yet, slight prospect exists for direct subsidies at The University of Texas to become reasonably competitive with what other major graduate schools are providing. And, we are not providing for the non-Veteran married graduate student the low-cost housing opportunities we provide for unmarried men.

One immediate step seems to us to be entirely justifiable, and it would go a long way toward helping the impecunious married graduate student. This is to set aside, commencing in the Fall Semester 1958, approximately 200 units of the University Apartments (the Deep Eddy installation, for example) on which non-Veteran graduate students will have first priority. This will leave 400 units for Veteran priorities. Of course, the transition to the new priority arrangement would be worked out gradually as vacancies occur.

At the present time, Veterans are given priority on all vacancies in the University Apartments. The following data on residents in the Fall Semester, 1955-56, are pertinent:

Total Residents	600
Total Veterans	575
Texas	556
Non-Texas	19
World War II	179
Korean only	396
Class Rank of Residents:	
Freshman	49
Sophomore	97
Junior	144
Senior	157
Graduate	153

The waiting list of Veterans for Spring 1956 was composed of 100 Veterans, of whom 50 were freshmen or sophomores, 36 were juniors

and seniors, and 14 were graduates. The committee's estimates indicate that by 1958-59 not more than 50 to 60 undergraduate Veterans could be displaced by the proposed priority policy and the chances are high that none would be displaced. The priority arrangement suggested would ease the graduate student situation considerably and provide added inducements to able fellowship and scholarship recipients to choose the University for their graduate work.

An alternative to this solution of a pressing need would be to seek subsidy of \$250,000 for the construction of a graduate student apartment building at the Deep Eddy or Brackenridge locations. Some such subsidy arrangement might have an appeal to Austin civic and business leaders. We emphasize our conviction that the University should do something very soon to provide low-cost housing for married graduate students.

Summary of Recommendations

Based on the enrollment projections submitted, the following are our recommendations:

1. No more dormitories for women should be constructed by the University.
2. Private-fund subsidy should be sought to construct 150 to 160 student spaces in Co-Op Houses for women. Building sites in small parcels for such units should be acquired or reserved.
3. If the Continuation Center is constructed, a 200-capacity air-conditioned dormitory should be constructed alongside.

4. San Jacinto Dormitories and Cliff Courts should be kept in repair and in use through 1959-60 at least.

5. The demand for low-cost, bare-essential housing for men students should be re-studied in 1959-60.

6. Additional dormitory spaces for men students in the Brackenridge-Prather-Roberts price range should be constructed, with one 160-capacity unit to be ready by Fall 1959, and thereafter beginning another 160-capacity unit each time the men's enrollment increases by 500. Locations are suggested in the text.

7. The University should not undertake at the present time new construction of apartments for married students. If shortages of privately-owned housing cause rentals to advance appreciably beyond amortization-level, the University perhaps should construct one "yardstick" apartment unit.

8. In order to meet the need for low-cost family housing for graduate students, the University should remove up to 200 units of the University Apartments from Veteran priority and transfer them to graduate student priority.

9. The University should seek a private funds donation to subsidize a new low-cost family housing unit.

LDH:jj
6/7/56

FOR ACTION OF
Regents
SEE MINUTES OF
Deliberations
Board

August 27, 1956

Dr. Logan Wilson, President
The University
Main Building

ORIGINAL
C. F. BULL
Vice-President
of the Main University

Dear Dr. Wilson:

The undersigned committee, acting by a majority, two members being absent from Austin, and agreeing by mail and by means of telephone, respectfully recommend the following awards out of the Sidney E. Mezes Fund (Account No. 74750 in the Accounting Division of the Office of the Auditor) viz:

To Mary E. Bulice, Ed. D., Asst. Prof. of Physical and Health Education, S.H. 107, \$400.00

To William B. Neville, Ph.G., Prof. of Pharmacy, Phr. Building, 28, \$400.00

While the will of Dr. Mezes and the Rules of the Regents concerning the fund require the annual income of the fund to be entirely expended annually, the Committee considers that the requirement is not mandatory in situations where, as now, the Committee considers that the main purpose of the donation and rules, that is, the relief of misfortune in the faculty, does not justify complete expenditure. For that reason, if its recommendation is approved, \$312.66 will be carried forward, in the account mentioned, for proper expenditure in the coming fiscal year.

Letters to the present proposed awardees are inclosed for transmission with the checks sent them if the awards are approved.

As in previous instances of award, the Committee suggests that these awards be made and held in secret as much as may be possible.

With esteem,

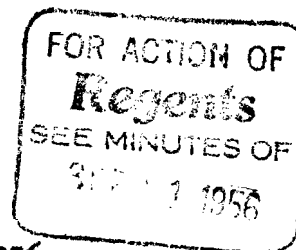
Yours very cordially,

THE SIDNEY E. MEZES FACULTY DONATION
COMMITTEE

by Robt. W. Stayton
Robt. W. Stayton, Chairman

CC: Members of the Committee

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 12



September 14, 1956

Memorandum

To: Mr. Tom Sealy
Mrs. Charles Devall
Mr. Leroy Jeffers
Mr. J. Lee Johnson, III
Mr. Lee Lockwood
Dr. Marten M. Minter
Dr. L. S. Gates
Mr. J. R. Scorrall
Mr. Claude W. Voyles

I apologize to you for not getting on the regular docket the attached recommendation from Dr. Boner, which carries my strong approval. It will appear as a special item added to the docket you have already received, and since a fairly sizable sum of money is involved, I am bringing it to your attention in advance of the meeting. The \$25,000 needed to implement the proposal is available in the Unappropriated Balance.

As Dr. Boner points out in his letter, the increased difficulty we are experiencing of late in holding some of our top people makes us realize that we simply need more money available for individual research, and with a minimum amount of red tape and delay attached to getting it into the hands of the faculty member who deserves assistance. I believe that this special research fund would be of immense value to us in stepping up research productivity and improving the morale of any faculty members who, from time to time, need limited financial assistance and need it promptly if it is to be effective.

Logan Wilson

LW k
Encl.

cc:→Miss Betty Anne Thedford

64c
OIC
WJ

THE UNIVERSITY OF TEXAS
OFFICE OF THE VICE-PRESIDENT
MAIN UNIVERSITY
AUSTIN 12

September 14, 1956

Dr. Logan Wilson
President
The University

Dear Dr. Wilson:

In recent discussions with Deans Ransom and Whaley and Professor Hackerman, Chairman of the Department of Chemistry, a need has been demonstrated for a special fund to facilitate the research of the faculty through modest grants for such items as special equipment, typing services, part-time assistants, purchase of occasional library materials, travel on short field trips, and other purposes relating directly to research. As these gentlemen have pointed out, and has been demonstrated through the faculty of the Department of Chemistry, the retention of outstanding faculty and recruitment to that faculty are materially influenced by the research climate of the University. It has been the experience in a great many cases that this research climate requires the quick availability of modest sums for research purposes as stated. Very frequently a scholar is interested fully as much, if not more, in the ready access to a few hundred dollars for research assistance as he is in salary improvement. At present we do not have a fund that is not budgeted well in advance of these spot needs as they arise.

It is recommended that a special research fund of \$25,000 be established as a part of the University Research Institute in the office of the Graduate Dean for the express purpose of making modest grants for facilitating faculty research. This fund will be administered by the Graduate Dean rather than through the Research Council, through which requests for research appointments and other major research items now pass. The Graduate Dean will seek the counsel of the faculty and the undergraduate deans in making awards from the fund recommended, and his recommendations for grants from this fund will be made to the Vice-President of the Main University. It is the expressed intent of this recommendation that there be a minimum of delay in handling requests of the faculty for modest grants from this fund, and that it be used in every reasonable way to improve the research climate at the University through the grants made.

Sincerely yours,



C. P. Boner
Vice-President
of the Main University

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 12

MEMORANDUM

June 11, 1956

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

To: President Logan Wilson

From: Lanier Cox

Subject: Proposed Compulsory Blue Cross Insurance at Galveston
Medical Branch

It is my opinion, as well as that of Judge Gaines, that the Medical Branch cannot legally increase its Student Health Service fee from \$18 to \$30 to provide compulsory Blue Cross hospitalization. I suggest that serious consideration be given to submission of a bill to the next Legislature authorizing the Board of Regents to fix the amount of tuition fees to be charged at the Medical Branch, thus making the law governing its operation similar to that which now exists for the Southwestern Medical School and the Dental Branch. The Board could then set reasonable and consistent tuition and fees at the three institutions. This would also serve to separate the question of tuition at the Medical and Dental units from the problem of tuition to be charged at the general academic institutions. I think it can safely be said that a substantial majority of the Fifty-fourth Legislature would have supported a substantial increase in fees at these units, but no relief was obtained because this proposal was merely a part of the general tuition bill.

It is my opinion, and Judge Gaines concurs and indicates that he has previously so advised the Medical Branch, that the expenditure of State funds to provide free medical service to the wives and children of medical students is improper and illegal. These services could be extended at cost, but not given without charge.

/S/

Lanier Cox

FLC:mbh

For Regents' Comment:

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

RD:CPR:VCV

August 7, 1956

Mr. George M. Brown
Chairman, Board of Trustees
William M. Rice Institute
Houston, Texas

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

Dear Mr. Brown:

The Atomic Energy Commission has considered your proposal of May 19, 1956, for the establishment of a laboratory, which would include a high-flux, high-power research reactor with supporting facilities, to be located in the Southwest.

While the Commission is in sympathy with the aims and desires of The Rice Institute and the other institutions participating in this proposal, the Commission believes there are no urgent AEC programmatic requirements for establishing a laboratory of the size and scope proposed. We therefore cannot justify the expenditure of AEC funds for this purpose.

The Commission wishes to encourage university groups such as yours in cooperative ventures to establish research reactor facilities. We have under preliminary consideration plans for partial support of somewhat more modest research centers than the one described in your proposal. When our policy for this type of expanded aid to universities becomes firm, we shall be pleased to hold further discussions concerning such a research reactor center for the Southwest. While these plans are yet too speculative to discuss in any detail, they do envisage that the reactor types selected would not require further development but would permit their use as research tools immediately upon their construction.

We appreciate the opportunity you have given us to review the plans formulated by The Rice Institute and the participating institutions. We are returning the copy of Part II of the proposal, which Dr. Milligan requested be given a restricted distribution because of its possible patent value.

Sincerely yours,

/S/
General Manager

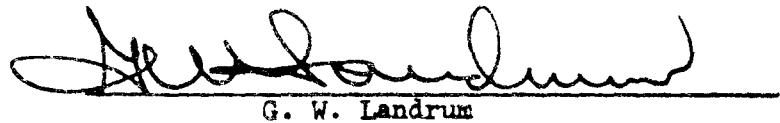
cc: Tom Sealy
The University of Texas
W. T. Doherty
A & M College of Texas
Enclosure

September 11, 1956

San Jacinto Dormitory G and our third choice would be Little Campus B. Since time is so short and the operating problems very complex, we think that the designation of Cliff Courts to meet the present situation would be desirable. If we designated any one of the other units in the San Jacinto Dormitories as available to negroes at this time, we would have to contact each one of the white students already assigned to the newly designated unit and advise them that negroes would also be housed in the unit. Such procedure at this time would cause much confusion and probably would get people talking and cause some publicity and direct attention to the situation.

We realize that, under the present Regents policy, approval from the Regents would be necessary for designating additional housing facilities available to negro men. To meet the present situation, we do not believe that we can wait for such designation until the next Regents meeting scheduled for September 21, 1956.

Will you please advise us if we should tell the negro men now on the waiting list and any others who might apply that we have no more space available (this is the situation we are now in), or authorize us to make other assignments in newly designated facilities, preferably Cliff Courts.



GWL:dc

G. W. Landrum

P.S. Dean Nowotny advised that Mrs. Margaret Post, who owns property at 2607 Wichita, had been approached recently by a negro lawyer who wanted to lease the property for three years and pay her a year's rent in advance. Mrs. Post reported to Dean Nowotny that the negro lawyer indicated that he wanted to organize a negro cooperative house. Her property is bounded on the north by the Chi Omega Sorority and on the south by an approved men's private residence. This information, of course, had some influence in reaching the decisions recommended to you for your consideration.

Dr. Wilson:

cc: DEAN MCCOWN

I believe the Executive Committee should be asked to authorize Cliff Courts for negro men until such time as they have been torn down and then San Jacinto Dormitory G for the period following demolition of Cliff Courts.

*Mr. Luskman
not reached.*

C.P.B.

This action approved by Executive Committee by phone 9/12 12/56.

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 12

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

September 10, 1956

Memorandum

To: Mr. Tom Sealy
Mrs. Charles Devall
Mr. Lacey Jeffers
Mr. J. Lee Johnson, III
Mr. Lee Lockwood
Dr. Marton M. Minter
Dr. L. S. Gates
Mr. J. R. Serrell
Mr. Claude W. Voyles

Attached is a copy of a communication I have just received from Dr. Lee Clark, which I am forwarding for your information and study in advance of the September meeting. Advance information about the prospective members of the Board of Visitors will enable you to make inquiry about any names not known to you personally.

LW
Logan Wilson

LW k
Encl.

cc: → Miss Thadford

*in Deck at
9:55 am
9/11/56*

THE UNIVERSITY OF TEXAS
M. D. ANDERSON HOSPITAL
AND TUMOR INSTITUTE



R. LEE CLARK, JR. M.D.
DIRECTOR

TEXAS MEDICAL CENTER
HOUSTON 25
7 September 1956

Dr. Logan Wilson, President
The University of Texas
Austin 12
T e x a s

Dear Doctor Wilson:

As you recall, the Board of Regents reviewed the Augmentation Plan for The University of Texas M. D. Anderson Hospital and Tumor Institute and approved it in final form at the October, 1955 meeting. This included the approval of both the constitution of the Association of Physicians and the University Cancer Foundation.

The document outlining the composition and objectives of the University Cancer Foundation provided for the appointment of a Board of Visitors. This Board was to be constituted by fifteen members appointed by the Board of Regents upon the recommendation of the Medical Board of the University Cancer Foundation. These fifteen members were to be appointed for terms of three years, with five members being appointed in the beginning for one year, five others for two years, and the last five for three years. All appointments were subject to renewal.

Since the approval of this Foundation by the Board of Regents, the Medical Board has carefully reviewed prospective candidates for the Board of Visitors. We would like to recommend for the consideration of the Board of Regents the appointments of the persons listed on the attached sheet for the number of years designated. We, in turn, will meet with the group as approved by the Board of Regents at some time this fall to discuss the objectives of the University Cancer Foundation and ask their aid and suggestions for additional members of their group.

PRESIDENT'S OFFICE, U OF T	
ACKNOWLEDGED _____	FILE _____
REC'D SEP 10 1956	
REFER TO _____	
PLEASE ANSWER _____	
PLEASE READ AND RETURN _____	

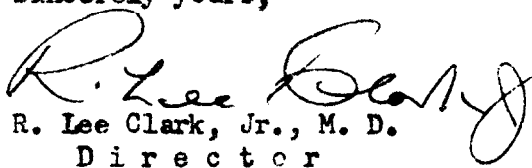
Dr. Logan Wilson

-2-

7 September 1956

We are prepared to discuss with the Board of Regents the advisability of making any of the appointments as recommended and, also, we would appreciate having any suggestions from you or the Board of Regents relative to appropriate candidates to round out the membership of the Board of Visitors.

Sincerely yours,


R. Lee Clark, Jr., M. D.
Director

RIC :pa

enclosure

Prospective Members of the Board of Visitors
The University Cancer Foundation
Recommended By
The Medical Board of The University Cancer Foundation

- Mr. James Anderson - 3 years
- Mrs. Margaret Tobin - 3 years
- Mr. Warren Bellows - 3 years
- Mrs. Henry Bailey - 3 years
- Mr. Carroll D. Simmons - 3 years
- Mr. Dunbar Chambers - 2 years
- Mr. J. M. Odom - 1 year
- Mr. Ben R. Barbee - 1 year
- Mr. Harmon Whittington - 1 year
- Mr. Edward Marcus - 1 year
- Mr. Prentiss Cobb Hale - 1 year

M. D. Anderson

THE UNIVERSITY OF TEXAS
OFFICE OF THE PRESIDENT
AUSTIN 12

September 13, 1956

Dr. R. Lee Clark, Jr.
Director
The University of Texas
M. D. Anderson Hospital and Tumor Institute
Texas Medical Center
Houston 25, Texas

Dear Dr. Clark:

Attached is a copy of a self-explanatory letter I have just received from Mr. Sorrell. In view of the shortness of time before the Regents' meeting here next week, I suggest that you send the information directly to each Regent.

Sincerely yours,

Logan Wilson

LW k
Encl.

THE UNIVERSITY OF TEXAS
THE BOARD OF REGENTS

SORRELL
COLLEGE BUILDING
AUSTIN, TEXAS

September 12, 1956

PRESIDENT'S OFFICE, U OF T	
ACKNOWLEDGED	FILE
REC'D SEP 13 1956	
REFER TO	
PLEASE ANSWER	
PLEASE PRINT AND RETURN	

Dr. Logan Wilson
President
University of Texas
University Station
Austin, Texas

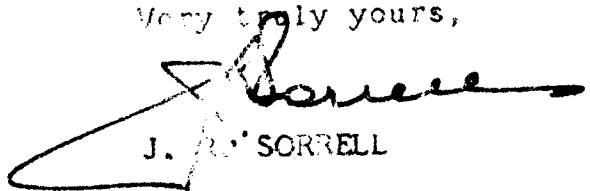
Dear Dr. Wilson:

I have your memorandum of September 10, 1956, addressed to all of the members of the Board of Regents and enclosing the recommendations of Dr. Lee Clark for prospective members of the Board of Visitors of M. D. Anderson Hospital and Tumor Institute.

There are several of these people whom I do not know, and I believe it would materially assist us if Dr. Clark would furnish us information as to their residence.

With best regards, I am

Very truly yours,


J. R. SORRELL

JRS:GR

For Regents' Use

LAND AND INVESTMENT COMMITTEE

Report

Approve _____ or Disapprove _____

Questions and Comments

LAND AND INVESTMENT COMMITTEE REPORT.--

PERMANENT UNIVERSITY FUND--INVESTMENT MATTERS.--

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

REPORT OF PURCHASES OF SECURITIES.--The following purchases of securities have been made for the Permanent University Fund since the report of June 1, 1956. We ask that the Board ratify and approve these transactions.

UNITED STATES GOVERNMENT BONDS PURCHASED

Issue	Par Value	Purchase Price	Yield Basis*	Principal Cost	Date of Delivery
3% U. S. Treas., due 2/15/95	\$ 300,000	99.875000	3.00%	\$ 299,625.00	6/ 6/56
Ditto	800,000	99.937500	3.00	799,500.00	6/22/56
Ditto	2,000,000	99.750000	3.01	1,995,000.00	7/ 2/56
Ditto	2,000,000	99.906250	3.00	1,998,125.00	7/ 3/56
Ditto	1,000,000	99.906250	3.00	999,062.50	7/ 3/56
Ditto	1,000,000	99.937500	3.00	999,375.00	7/ 5/56
Ditto	1,000,000	99.890625	3.00	998,906.25	7/ 5/56
Ditto	1,000,000	99.906250	3.00	999,062.50	7/ 9/56
Ditto	1,000,000	99.906250	3.00	999,062.50	7/ 9/56
Ditto	1,000,000	99.656250	3.02	996,562.50	7/10/56
Ditto	1,000,000	99.687500	3.01	996,875.00	7/10/56
Ditto	1,000,000	99.531250	3.03	995,312.50	7/11/56
Ditto	1,000,000	99.500000	3.03	995,000.00	7/11/56
Ditto	1,000,000	99.406250	3.03	994,062.50	7/12/56
Ditto	1,000,000	99.375000	3.03	993,750.00	7/12/56
Ditto	900,000	99.218750	3.04	892,968.75	7/16/56
Ditto	900,000	99.203125	3.04	892,828.13	7/16/56
Ditto	900,000	98.406250	3.07	885,656.25	7/23/56
Ditto	500,000	97,468750	3.11	487,343.75	8/ 1/56
Ditto	900,000	95.937500	3.18	863,437.50	8/20/56
Ditto	600,000	95.187500	3.22	571,125.00	9/ 5/56
Totals	\$20,800,000			\$20,652,640.63	

*Yield to maturity.

TEXAS MUNICIPAL BONDS PURCHASED

Issue	Par Value	Purchase Price	Yield Basis#	Principal Cost	Date of Delivery
City of San Marcos, St. Imp. 3-1/4% Bonds, due 6/1/84-86/76	\$44,000	100.00	3.25%	\$44,000.00	7/19/56
City of Jacksonville, Wtr. Wks. & Swr. Sys. Rev. Bonds, 3-1/4%, due 11/15/81-85/75	40,000	100.00	3.25	40,000.00	8/17/56
Totals	\$84,000			\$84,000.00	

#Yield to option.

PERMANENT UNIVERSITY FUND--LAND MATTERS.--

LEASES AND EASEMENTS.--The Land and Investment Committee has given consideration to the following applications for various leases and easements on University lands. All are at the standard rate unless otherwise stated, are on the University's standard forms, and have been approved as to form by the University Land and Trust Attorney and as to content by the University Endowment Officer. The Land and Investment Committee asks that the Board approve these applications and authorize the Chairman of the Board to execute the instruments involved:

PIPE LINE EASEMENT NO. 822, PERMIAN BASIN PIPELINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Permian Basin Pipeline Company covers 3,428.20 rods of 16-inch natural gas line at \$1.50 per rod in Sections 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, and 31, Block 4; and Sections 3, 4, 5, 7, and 8, Block 5, University lands in Andrews County, Texas, for a ten-year period beginning May 1, 1956, and ending April 30, 1966. The full consideration in the amount of \$5,142.30 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 823, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 136.7 rods of 4-inch gas line at \$0.25 per rod in Sections 28 and 33, Block 11, University Lands in Andrews County, Texas, for a ten-year period beginning November 1, 1954, and ending October 31, 1964. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 824, PHILLIPS PETROLEUM COMPANY, ECTOR COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 276.9 rods of 10-inch line at \$1.00 per rod and 189.6 rods of 4-inch line at \$0.25 per rod in Section 1, Block 35, University Lands in Ector County, Texas, for a ten-year period beginning May 1, 1956, and ending April 30, 1966. The full consideration in the amount of \$324.30 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 825, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 181.8 rods of 6-inch gas line at \$0.50 per rod in Sections 27 and 34, Block 11, University Lands in Andrews County, Texas, for a ten-year period beginning April 9, 1956, and ending April 8, 1966. The full consideration in the amount of \$90.90 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 826, EL PASO NATURAL GAS COMPANY, UPTON COUNTY, TEXAS.--This application for a pipe line easement to El Paso Natural Gas Company covers 20.727 rods of 4-1/2-inch gas line at \$0.50 per rod in Section 4, Block 3, University Lands in Upton County, Texas, for a ten-year period beginning July 1, 1956, and ending June 30, 1966. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 827, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 116.2 rods of 2-inch gas line at \$0.25 per rod in Section 3, Block 5, University Lands in Andrews County, Texas, for a ten-year period beginning December 1, 1955, and ending November 30, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

STORAGE TANK EASEMENT NO. 828, CITIES SERVICE OIL COMPANY, ANDREWS COUNTY, TEXAS (RENEWAL OF EASEMENT NO. 495 EXPIRED JULY 31, 1956).--This application for a storage tank easement to Cities Service Oil Company covers a site used for two storage tanks, located on Section 13, Block 13, and Section 14, Block 14, University Lands in Andrews County, Texas, for a one-year period beginning August 1, 1956, with the option of extending and renewing the lease from year to year, but not to exceed a total of five years from August 1, 1956, by payment in advance of the annual rental of \$50.00. The purpose of the storage tanks is to permit the company to run oil from a lease not on University Lands to these tanks located on University Lands, these tanks also being used in connection with the company's oil and gas leases No. 28618 and No. 28634 on University Lands. The full consideration for the first year's rental beginning August 1, 1956, in the amount of \$50.00 has been tendered with the application.

CALICHE PERMIT NO. 95, NEW-MEX CONSTRUCTION COMPANY, ANDREWS COUNTY, TEXAS.--This application for a caliche permit to New-Mex Construction Company provides for the removal of 856 cubic yards of caliche from Section 19, Block 13, University Lands in Andrews County, Texas, at the rate of 25¢ per cubic yard. The full consideration in the amount of \$214.00 has been tendered with the application.

CALICHE PERMIT NO. 96, T. B. TRIPP & SONS, ECTOR COUNTY, TEXAS.--This application for a caliche permit to T. B. Tripp & Sons provides for the removal of 680 cubic yards of caliche from Section 6, Block 35, University Lands in Ector County, Texas, at the rate of \$0.25 per cubic yard. The full consideration in the amount of \$170.00 has been tendered with the application.

CALICHE PERMIT NO. 97, FRANK MONTGOMERY, ANDREWS COUNTY, TEXAS.--This application for a caliche permit to Frank Montgomery provides for the removal of 688 cubic yards of caliche from Block 11, University Lands in Andrews County, Texas, at the rate of \$0.25 per cubic yard. The full consideration in the amount of \$172.00 has been tendered with the application.

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CALICHE PERMIT NO. 98, PARKER AND PARKER, INC., ANDREWS COUNTY, TEXAS.-- This application for a caliche permit to Parker and Parker, Inc., provides for the removal of 476 cubic yards of caliche from Block 11, University Lands in Andrews County, Texas, at the rate of \$0.25 per cubic yard. The full consideration in the amount of \$119.00 has been tendered with the application.

WATER LEASE CONTRACT NO. 66, RALPH LOWE, ANDREWS COUNTY, TEXAS (RENEWAL OF WATER LEASE CONTRACT NO. 63, EXPIRED NOVEMBER 30, 1955).--This application for a water lease contract to Ralph Lowe of Midland, Texas, giving him permission to produce and sell water from water wells on Block 12, University Lands in Andrews County, Texas, provides for payment to the University of royalties at the rate of 12-1/2% for all water sold for drilling oil wells on University Lands and at the rate of 20% on water furnished for drilling oil wells on non-University lands. The lease is for a period of two years beginning December 1, 1955, and ending November 30, 1957, subject to cancellation by either party on sixty days' notice. The lease also provides for a minimum charge of \$2,500.00 for all water furnished to a drilling rig while prospecting for oil above the depth of 7500 feet and for each day water is furnished to wells drilling below 7500 feet a minimum charge of \$25.00 per day.

WATER LEASE CONTRACT NO. 67, R. B. FERGUSON AND ROBBIE FERGUSON, JR., REAGAN COUNTY, TEXAS.--This application for a water lease contract to R. B. Ferguson and Robbie Ferguson, Jr., will grant the right of delivering and selling water produced by the lessees from their well or wells located in the Northwest 1/4 of Section 16, Block 48, University Lands in Reagan County, Texas, on which the lessees operate a grazing lease granted by the University. Consideration for the contract is at the rate of \$0.10 for each 1,000 gallons of all water sold and delivered. The lease is for a period of two years beginning July 1, 1956, and ending June 30, 1958.

PIPE LINE EASEMENT NO. 801, HUMBLE PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS - CORRECTION OF AMOUNT DUE FOR TEN-YEAR PERIOD.--Easement 801 was granted by the Board on June 1, 1956, the full consideration for the ten-year period being incorrectly reported to the Board as \$50.00. The correct consideration for the ten-year period for 265.33 rods of 4-inch line at \$0.25 per rod is \$66.33 and was tendered in this amount by the company.

PIPE LINE EASEMENT NO. 807, EL PASO NATURAL GAS COMPANY, ANDREWS COUNTY, TEXAS - AMENDMENT TO SHOW PAYMENT OF FULL CONSIDERATION FOR TWENTY-FIVE YEAR PERIOD.--Easement No. 807 was granted on June 1, 1956, with the Board's condition that the company agree to pay the full consideration for the twenty-five year period in advance. The company agreed to the Board's condition and tendered the balance of the twenty-five year consideration, the total consideration for the twenty-five year period being \$10,000.00. An amendment has been prepared to the original instrument to show this full payment, the remaining terms of the easement being as submitted on June 1, 1956.

PIPE LINE EASEMENT NO. 821, EL PASO NATURAL GAS COMPANY, ANDREWS COUNTY, TEXAS - AMENDMENT TO PROVIDE ASSIGNMENT FOR MORTGAGE PURPOSES.--El Paso Natural Gas has requested that Easement No. 821, granted by the Board on June 1, 1956, be amended so as to include a provision for assignment for mortgage purposes which was inadvertently omitted by the company at the time the easement was submitted to the Board of Regents. The assignment provision clause to amend the easement has been previously added when requested as Paragraph No. 11-A to the University's standard pipe line easement form as quoted below:

"(11-A) But it is agreed that the second party may assign and transfer its rights and liabilities under this contract only to a corporation with which it may be merged or consolidated or which shall have acquired substantially all of its properties and franchises; provided, however, that the foregoing shall not operate to prevent the assignment of this contract to the Trustee under any mortgage placed upon the property of the company, or to prevent the Trustee or any receiver from using this contract in such way as to secure the benefits thereof to the holders of the bonds secured by said mortgage, in either of which events this contract shall inure to the benefit of and be as binding upon the respective successors and assigns of the parties as upon the parties themselves; provided that in the event of any such assignment or transfer, due notice shall be given, in writing, to the Party of the First Part."

It is recommended that Easement No. 821 be amended so as to include the assignment provisions as quoted above.

PIPE LINE EASEMENT NO. 829, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 178.8 rods of 4-inch oil pipe line at \$0.25 per rod in Section 31, Block 9, University Lands in Andrews County, Texas, for a ten-year period beginning December 2, 1955, and ending December 1, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 830, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 188.4 rods of 4-inch oil pipe line at \$0.25 per rod in Section 36, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning July 13, 1955, and ending July 12, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 831, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 112.8 rods of 4-inch oil pipe line at \$0.25 per rod in Section 7, Block 10, and Section 12, Block 11, University Lands in Andrews County, Texas, for a ten-year period beginning April 26, 1956, and ending April 25, 1966. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 832, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 106.1 rods of 4-inch oil pipe line at \$0.25 per rod in Section 36, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning February 11, 1955, and ending February 10, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 833, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 105.6 rods of 4-inch oil pipe line at \$0.25 per rod in Section 36, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning July 29, 1955, and ending July 28, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 834, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 163.6 rods of 4-inch oil pipe line at \$0.25 per rod in Section 31, Block 9, University Lands in Andrews County, Texas, for a ten-year period beginning March 17, 1956, and ending March 16, 1966. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 835, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 160.6 rods of 4-inch oil pipe line at \$0.25 per rod in Section 31, Block 9, and Section 36, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning December 2, 1955, and ending December 1, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 836, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 156 rods of 4-inch oil pipe line at \$0.25 per rod in Section 26, Block 11, University Lands in Andrews County, Texas, for a ten-year period beginning March 15, 1956, and ending March 14, 1966. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 837, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 448 rods of 4-inch line at \$0.25 per rod in Section 36, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning August 1, 1956, and ending July 31, 1966. The full consideration in the amount of \$112.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 838, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 115 rods of 4-inch gathering line at \$0.25 per rod in Section 36, Block 12, University Lands in Andrews County, Texas, for a ten-year period beginning December 9, 1955, and ending December 8, 1965. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 839, PHILLIPS PETROLEUM COMPANY, CRANE COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers a total of 1700.8 rods of line in Sections 33, 34, 38, 39, 40, 45, 46 and 47, Block 30, University Lands in Crane County, Texas, as follows: 322.5 rods of 20-inch line at \$1.50 per rod, 301 rods of 16-inch line at \$1.50 per rod, 328.9 rods of 12-inch line at \$1.50 per rod, 175.8 rods of 8-inch line at \$1.00 per rod, 66.6 rods of 7-inch line at \$1.00 per rod, 181.8 rods of 6-inch line at \$0.50 per rod, and 324.2 rods of 4-inch line at \$0.25 per rod. This easement is to be for a ten-year period beginning September 9, 1955, and ending September 8, 1965. The full consideration in the amount of \$1,842.95 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 840, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 66.8 rods of 8-inch gas discharge line at \$1.00 per rod and 48.5 rods of 3-inch fuel line at \$0.25 per rod in Section 31, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning May 10, 1956, and ending May 9, 1966. The full consideration in the amount of \$78.92 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 841, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 181.82 rods of 6-5/8-inch gas line at \$0.75 per rod in Sections 27 and 34, Block 11, University Lands in Andrews County, Texas, for a ten-year period beginning April 12, 1956, and ending April 11, 1966. The full consideration in the amount of \$136.37 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 842, PHILLIPS PETROLEUM COMPANY, REAGAN AND UPTON COUNTIES, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 2177.80 rods of 2-inch gasoline line at \$0.25 per rod in Sections 11, 12, 14, 15, 22, 27, 28, and 33, Block 2, and Sections 16 and 17, Block 58, University Lands in Upton and Reagan Counties, Texas, for a ten-year period beginning February 7, 1955, and ending February 6, 1965. The full consideration in the amount of \$544.45 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 843, TEXAS-NEW MEXICO PIPE LINE COMPANY, DAWSON AND GAINES COUNTIES, TEXAS.--This application for a pipe line easement to Texas-New Mexico Pipe Line Company covers 230.2 rods of 4-1/2-inch oil pipe line at \$0.50 per rod and 205.8 rods of 6-5/8-inch oil pipe line at \$0.75 per rod in Section 1, Block 6, Dawson and Gaines Counties, Texas, for a ten-year period beginning August 1, 1956, and ending July 31, 1966. The full consideration in the amount of \$269.45 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 844, TEXAS-NEW MEXICO PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Texas-New Mexico Pipe Line Company covers 729.4 rods of 4-1/2-inch oil pipe line at \$0.50 per rod and 467.33 rods of 6-5/8-inch oil pipe line at \$0.75 per rod in Section 25, Block 5; Sections 22, 34, and 35, Block 6; Section 23, Block 12; and Sections 4, 5, and 8, Block 14, University Lands in Andrews County, Texas, for a ten-year period beginning August 1, 1956, and ending July 31, 1966. The full consideration in the amount of \$715.20 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 845, EL PASO NATURAL GAS COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to El Paso Natural Gas Company covers 272.412 rods of 4-1/2-inch gas gathering pipe line at \$0.50 per rod in Sections 16 and 21, Block 1, and Sections 13 and 15, Block 9, University Lands in Andrews County, Texas, for a ten-year period beginning August 1, 1956, and ending July 31, 1966. The full consideration in the amount of \$136.21 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 846, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 1062.6 rods of 2-3/8-inch line at \$0.25 per rod in Sections 1, 2, 3, 9, and 10, Block 11, University Lands in Andrews County, for a ten-year period beginning December 20, 1955, and ending December 19, 1965. The full consideration in the amount of \$265.65 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 847, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 218 rods of 4-inch line at \$0.25 per rod in Section 17, Block 12, University Lands in Andrews County, Texas, for a ten-year period beginning February 16, 1956, and ending February 15, 1966. The full consideration in the amount of \$54.50 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 848, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 112.2 rods of 4-inch line at \$0.25 per rod in Section 26, Block 12, University Lands in Andrews County, Texas, for a ten-year period beginning March 19, 1956, and ending March 18, 1966. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 849, PHILLIPS PETROLEUM COMPANY, CRANE AND UPTON COUNTIES, TEXAS.--This application for a pipe line easement to Phillips Petroleum Company covers 525.7 rods of 10-inch line at \$1.00 per rod and 78.8 rods of 3-inch line at \$0.25 per rod in Sections 47 and 48, Block 30, University Lands in Crane and Upton Counties, Texas, for a ten-year period beginning August 1, 1956, and ending July 31, 1966. The full consideration in the amount of \$545.40 for the ten-year period has been tendered with the application.

COMMUNITY CENTER SITE EASEMENT NO. 850, SHEFFIELD INDEPENDENT SCHOOL DISTRICT, PECOS COUNTY, TEXAS (SUPERSEDES GRAZING LEASE NO. 571 TO BAKERSFIELD BAPTIST CHURCH, EXPIRED 4/30/56).--In 1946, the Board of Regents approved the petition from the residents of the Taylor-Link Oil Field for a church site for the Bakersfield Baptist Church, such site to be 210 feet by 210 feet, containing one acre, more or less, in the NE/4 of the SW/4 of Section 31, Block 16, University Lands in Pecos County, Texas, and a lease (designated as Grazing Lease No. 571) was granted for a ten-year period beginning May 1, 1946, and ending April 30, 1956, no consideration being involved in the lease. Recently, the Baptist Church has permitted the Sheffield Independent School District to use the improvements on the site as a community center, church services having been discontinued on a regular basis. An application has now been received for a ten-year easement on the same site to the Sheffield Independent School District for use as a community center, the easement to begin on May 1, 1956, and to end on April 30, 1966, with no consideration involved in the easement. It is recommended that the Board grant the easement and authorize the Chairman to execute the instrument involved upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

CHURCH SITE EASEMENT NO. 851, PENWELL UNION CHURCH, ECTOR COUNTY, TEXAS (RENEWAL OF EASEMENT NO. 156, EXPIRED 9/30/51).--In 1941, the Board of Regents granted a ten-year easement to the Penwell Union Church on a plot of ground 150 feet by 250 feet out of Section 1, Block 35, University Lands in Ector County, Texas, for the purpose of building a church on the site, no consideration being involved in the easement. The Penwell Union Church is continuing to use the site and has requested that a renewal be granted for a period of ten years beginning October 1, 1951, and ending September 30, 1961, the rental to be \$10.00 for the ten-year period, payable in advance. It is recommended that the Board grant the easement and authorize the Chairman to execute the instrument involved upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

UNDERGROUND STORAGE TANK EASEMENT NO. 774, H & D GAS COMPANY, INC., WARD COUNTY, TEXAS.- WITHDRAWAL BY COMPANY.--On April 6, 1956, the Board of Regents approved an application for an underground storage tank easement to H & D Gas Company, Inc., of Midland, Texas, covering a plot 1500 feet by 700 feet out of Section 42, Block 18, University Lands in Ward County, Texas, for a period of fifteen years, beginning May 1, 1956, and ending April 30, 1971, with an option to renew for an additional term of ten years on negotiated terms, at an annual rental of \$1,000, payable annually in advance. Subsequent to this approval, the company has withdrawn its application. It is recommended that the Board accept the withdrawal.

GAP FILLER SITE AND ROAD ACCESS EASEMENT NO. 762, UNITED STATES GOVERNMENT, DEPARTMENT OF THE ARMY, HUDSPETH COUNTY, TEXAS.--On February 3, 1956, the Board of Regents approved an application for a gap filler site and road access easement for use by the United States Air Force in Sections 19 and 24, Blocks J and K, University Lands in Hudspeth County, Texas, the approved easement to be for a twenty-five year period from February 1, 1956, with annual rental of \$25.00 payable annually in arrears. Subsequent to this approval, the University was advised by the Government that regulations would not permit use of the ground by the Air Force on an easement basis and that condemnation proceedings were being instituted. Upon protest of the University, the matter was explored further by the Corps of Engineers, U. S. Army, Albuquerque District, from which office the original application had been initiated, with the result that reconsideration was given by the Government to an easement from the University on revised terms with the site and road access descriptions to remain as approved originally, the site containing 0.32 of an acre, more or less, for an air force installation site, and the road access right-of-way containing 4.78 acres, more or less. The revised proposal is for an easement for a period of twenty-five years, beginning February 1, 1956, and ending January 31, 1981, the easement to remain in force thereafter from year to year without further notice but in no event to extend beyond January 31, 2006, rental to be \$25.00 for the 25-year period ending January 31, 1981, and \$25.00 for the 25-year period ending January 31, 2006, payment to be made at the beginning of each 25-year period. It is recommended that the Board accept the revised proposal as submitted and that the Chairman of the Board be authorized to execute the instrument upon approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

PIPE LINE EASEMENT NO. 852, GULF REFINING COMPANY, CRANE COUNTY, TEXAS (RENEWAL OF EASEMENT NO. 278, EXPIRED 2/29/56).--This application for a pipe line easement to Gulf Refining Company covers 2595 rods of 4-inch line at \$0.25 per rod (681 rods provided for in Easement No. 278 plus additional lines in same area), in Sections 22, 27, 33, 45, 35, 38, 39, 46, and 47, Block 30, University Lands in Crane County, Texas, for a ten-year period beginning March 1, 1956, and ending February 28, 1966. The full consideration in the amount of \$648.75 has been tendered with the application.

PIPE LINE EASEMENT NO. 853, THE TEXAS COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to The Texas Company covers 160 rods of 4-inch line at \$0.25 per rod in Section 22, Block 12, University Lands in Andrews County, Texas, for a ten-year period beginning November 1, 1956, and ending October 31, 1966. The full minimum consideration in the amount of \$50.00 has been tendered with the application.

PIPE LINE EASEMENT NO. 854, PASOTEX PIPE LINE COMPANY, CROCKETT AND UPTON COUNTIES, TEXAS (RENEWAL OF EASEMENT NO. 286, EXPIRING 9/30/56).--This application for a pipe line easement to Pasotex Pipe Line Company covers 1,431.33 rods of 10-3/4-inch oil line at \$1.00 per rod across University Lands in Sections 12, 13, 14, and 17, Block 14, Crockett County, Texas, and Section 18, Block 14, Crockett and Upton Counties, Texas, for a ten-year period beginning October 1, 1956, and ending September 30, 1966. The full consideration in the amount of \$1,431.33 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 855, PASOTEX PIPE LINE COMPANY, WARD COUNTY, TEXAS (RENEWAL OF EASEMENT NO. 291, EXPIRING 10/31/56).--This application for a pipe line easement to Pasotex Pipe Line Company covers 150.8 rods of 3-inch line at \$0.25 per rod in Section 3, Block 16, University Lands in Ward County, Texas, for a ten-year period beginning November 1, 1956, and ending October 31, 1966. The full minimum consideration in the amount of \$50.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 856, GULF REFINING COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Gulf Refining Company covers 3,385 rods of 8-inch pipe line at \$1.00 per rod in Sections 29, 30, 32, 33, 39, 40, 46, and 47, Block 13; and Sections 5, 6, 8, 9, 15, 16, and 22, Block 1, University Lands in Andrews County, Texas for a ten-year period beginning September 1, 1956, and ending August 31, 1966. The full consideration in the amount of \$3,385.00 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 857, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 173.8 rods of 4½-inch line at \$0.50 per rod in Sections 1 and 2, Block 8, University Lands in Andrews County, Texas, for a ten-year period beginning May 11, 1956, and ending May 10, 1966. The full consideration in the amount of \$86.90 for the ten-year period has been tendered with the application.

PIPE LINE EASEMENT NO. 858, PHILLIPS PIPE LINE COMPANY, ANDREWS COUNTY, TEXAS.--This application for a pipe line easement to Phillips Pipe Line Company covers 465.34 rods of 4-inch gathering line at \$ 0.25 per rod in Section 25, Block 11, and Section 30, Block 10, University Lands in Andrews County, Texas, for a ten-year period beginning February 2, 1956, and ending February 1, 1966. The full consideration in the amount of \$116.34 for the ten-year period has been tendered with the application.

BOOSTER STATION SITE EASEMENT NO. 760, PHILLIPS PETROLEUM COMPANY, ANDREWS COUNTY, TEXAS - CORRECTION OF DESCRIPTION OF SITE.--On February 3, 1956, the Board of Regents approved a Booster Station Site Easement to Phillips Petroleum Company covering a 20-acre tract in the W/2 of Section 31, Block 9, University Lands in Andrews County, Texas, for use as a booster plant site, the description of the site being erroneously designated by the company in the instrument submitted in February in two directional calls. The company has now submitted an amendment to correct the site description, the two directional calls of N. 15° 19' E. and S. 74° 45' E. being corrected to N. 15° 19' W. and S. 74° 45' W. It is recommended that the Board accept the corrected description and authorize the Chairman to execute the amendment upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney. The company has tendered a \$1.00 filing fee in connection with the amendment.

ASSIGNMENT OF BUSINESS SITE EASEMENT NO. 582 FROM J. R. BEWICK TO R. H. (BOBBY) REES, REAGAN COUNTY, TEXAS.--In September, 1953, the Board of Regents granted a business site easement to J. R. Bewick covering a trucking lot 200 feet square on F. M. Highway No. 33, University Lands in Reagan County, Texas, for a one-year period from August 1, 1953, to July 31, 1954, with an option to renew from year-to-year for a total period not exceeding 10 years from August 1, 1953, upon payment by the Lessee of the annual rental of \$150.00 in advance. Application has now been made for assignment of the easement to R. H. (Bobby) Rees, a \$25.00 assignment fee and a \$1.00 filing fee having been tendered with the application. It is recommended that this assignment be approved by the Board and the Chairman authorized to execute the instrument upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

WATER EXPLORATION PERMIT NO. 68, PUBLIC SERVICE BOARD OF CITY OF EL PASO, TEXAS, UNIVERSITY LANDS IN HUDSPETH COUNTY, TEXAS.--At its meeting on October 13, 1955, in El Paso, the Board of Regents expressed its favorable consideration of a proposal from the Public Service Board of the City of El Paso for water rights in Blocks A, B, C, D, E, and F, University Lands in Hudspeth County, comprising approximately 203,500 acres, and expressed its willingness to extend complete cooperation toward the accomplishing of the proposed development of further water resources for the City of El Paso on University Lands in Hudspeth County. The Endowment Officer was authorized to work with the Public Service Board in developing a concrete proposal for the water exploration permit to submit to the Board of Regents at its next meeting. However, prior to the next meeting of the Board of Regents on December 2 and 3, it was agreed by the Endowment Officer and the General Manager of the Public Service Board that the terms of a concrete proposal could not be worked out in time for consideration at that meeting.

In January, 1956, the Public Service Board presented to the Endowment Officer a form of proposal. The principal provisions of that proposal, including revisions tentatively agreed to by the Public Service Board, are summarized as follows:

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1. The Public Service Board offers the University \$5,000 for a water exploration contract with option to lease all or part of the lands described above.

2. The exploration period would extend for a period of four years, and at any time prior to the expiration of that period the Public Service Board would have the option to lease all or part, by sections or half-sections, of the lands covered for a period of twenty-five years for further exploration and production of water and for an additional twenty-five years for production. In other words, the water lease would be for a fixed period of fifty years, with no option to renew, unless it should be earlier released by the Public Service Board, with the obligation to begin production of water during the first twenty-five year period.

3. No additional payment would be made by the Public Service Board upon exercising the option except for royalties or annual rentals.

4. During the term of the water lease, the lessee would, depending on production, pay either 10¢ per acre annual rental or the same amount per acre as minimum royalty. Water royalty would be at 2¢ per 1,000 gallons or an amount equal to 12-1/2% of the wholesale water rate charged by the lessee to its customers for each 1,000 gallons, whichever is greater.

5. The exploration contract and water lease would carry provisions satisfactory to the University regarding oil and gas leases and mineral rights and regarding damages to surface lessees.

6. All geological information acquired through exploration and production would be available to the University.

7. The exploration contract and water lease would carry provisions satisfactory to the University for leaving casing in wells drilled capable of some production but insufficient for production by the lessee and for availability of water to surface lessees and oil and gas lessees of the University.

After further conferences between the General Manager of the Public Service Board and the Endowment Officer, the Public Service Board points out that, though the water resources in question are not required to meet its needs in the immediate future, it is anxious for an agreement with the University to be determined so as to allow budgeting and planning of the exploration.

The Public Service Board estimates its exploration costs under such an agreement during the four-year period at approximately \$140,000. Its line to El Paso would be approximately forty miles in length and would not be smaller than forty-eight inches. Booster stations would be required. If water is produced from around the 1600 foot level, a treatment plant will be required; and if it is from around 5,000 feet, added pumping costs would perhaps be in the neighborhood of treatment costs for the water from shallower levels.

The Public Service Board believes that its costs of production and transporting water from this area make it unwise to agree to higher royalties than those set out above and believes that the provision for royalty at 12-1/2% of its wholesale rate gives adequate protection to the University. That wholesale rate is at 11¢ per 1,000 gallons, and though increased rates would be expected if water is produced from the University Lands, the University staff doubts that the royalty provisions are satisfactory under a commitment for fifty-four years.

It is recommended that the Board of Regents authorize a four-year water exploration contract and option to lease during said period with the Public Service Board of El Paso covering the lands described above on the terms set out above except that the option to lease will provide for negotiation of annual rental,

minimum royalties, and royalty rates, annual rental and minimum royalties not to be in excess of 20¢ per acre and royalty rate not be in excess of 5¢ per 1,000 gallons except where the provision for 12-1/2% of the wholesale rate makes it so. It is further recommended that the Chairman of the Board be authorized to execute such contract upon approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

TRUST AND SPECIAL FUNDS--INVESTMENT MATTERS.--

REPORT OF PURCHASES AND SALES OF SECURITIES.--The following purchases and sales of securities have been made for the Trust and Special Funds since the report of June 1, 1956. We ask that the Board ratify and approve these transactions.

PURCHASES		
Date	Security	Principal Cost
5/28/56	\$40,000 par value U. S. 2-7/8% Treasury Notes of Series A-1958, due 6/15/58, purchased at 100:2 Net (100.0625) to yield 2.85% to maturity. Accrued interest paid to 5/29/56. (Temporary Investment - Interscholastic League Fund - Football Account)	\$ 40,025.00
6/12/56	\$8,000 par value U. S. 3% Treasury Bonds of 1995, due 2/15/95, purchased at 100:2 Net (100.0625) to yield 3.00% to maturity. Accrued interest paid to 6/13/56. (W. J. McDonald Observatory Fund)	8,005.00
	\$40,000 par value U. S. 2-1/2% Treasury Bonds of 1961, due 11/15/61, purchased at 98 Net to yield 2.90% to maturity. Accrued interest paid to 6/13/56.	39,200.00
	\$40,000 par value U. S. 2-7/8% Treasury Notes of Series A-1958, due 6/15/58, purchased at 100:2 Net (100.0625) to yield 2.84% to maturity. Accrued interest paid to 6/13/56. (Temporary Investment - Ford Foundation Grant for School of Law)	40,025.00
	\$100,000 par value U. S. 2-7/8% Treasury Notes of Series A-1958, due 6/15/58, purchased at 100:2 Net (100.0625) to yield 2.84% to maturity. Accrued interest paid to 6/13/56. (Temporary Investment - Hogg Foundation: W. C. Hogg Memorial Fund - Varner Properties - Unappropriated Income)	100,062.50
	\$15,000 par value U. S. 3% Treasury Bonds of 1995, due 2/15/95, purchased at 100:2 Net (100.0625) to yield 3.00% to maturity. Accrued interest paid to 6/13/56.	15,009.38
	\$5,000 par value General Electric Company 3-1/2% Debentures due 5/1/76, purchased at 102-5/8 Net to yield 3.32% to maturity. Accrued interest paid to 6/18/56.	5,131.25
	\$5,000 par value Southern California Edison Company 1st & Refunding 3-5/8% Series G Bonds, due 4/15/81, purchased at 102 Net to yield 3.51% to maturity. Accrued interest paid to 6/18/56.	5,100.00
	100 Shares Colgate-Palmolive Company Common Stock, purchased at 55-1/2 per share	5,590.55
	100 Shares Pacific Lighting Corporation Common Stock purchased at 38-1/2 per share	3,884.25
	100 Shares Union Pacific Railroad Company Common Stock purchased at 35-1/2, when issued, per share (Funds Grouped for Investment)	3,582.75
	100 Shares American Smelting & Refining Company Common Stock purchased at 51-1/2 per share	5,190.15
	100 Shares Consolidated Edison Company of New York, Inc., Common Stock purchased at 46-1/2 per share (Hogg Foundation: W. C. Hogg Estate Fund)	4,688.25

PURCHASES (Continued)

Date	Security	Principal Cost
6/12/56	100 Shares Norfolk & Western Railway Company Common Stock purchased at 65 per share (Hogg Foundation: W. C. Hogg Estate Fund)	\$ 6,541.50
6/18/56	\$8,000 par value Commercial Bank 2% Certificate of Deposit, due in 12 months, purchased from The Austin National Bank in Austin, Texas (Temporary Investment - Ford Foundation Grant for School of Law)	8,000.00
6/22/56	\$11,000 par value U. S. 3% Treasury Bonds of 1995, due 2/15/95, purchased at 99:30 Net (99.9375) to yield 3.00% to maturity. Accrued interest paid to 6/25/56 (The James W. McLaughlin Fellowship Fund - Reserve for Depletion)	10,993.13
8/23/56	\$10,000 par value U. S. 2-3/8% Treasury Bonds due 6/15/58, purchased at 98-11/32 Net (98.34375) to yield 3.32% to maturity. Accrued interest paid to 8/24/56 (Archer M. Huntington Museum Fund)	9,834.38
	\$6,000 par value U. S. 3% Treasury Bonds due 2/15/95, purchased at 95-14/32 Net (95.4375) to yield 3.21% to maturity. Accrued interest paid to 8/24/56 (The W. J. McDonald Observatory Fund)	5,726.25
	\$5,000 par value Ditto (Student Property Deposit Scholarship Fund)	4,771.88
	200 Shares The Detroit Edison Company Capital Stock, purchased at 34-1/2 per share (Hogg Foundation: W. C. Hogg Estate Fund)	6,964.50

Date	SALES Security	Net Proceeds
6/21/56	750 Rights for Pacific Gas and Electric Company Com- mon Stock (Hogg Foundation: W. C. Hogg Estate Fund)	\$ 167.80
	285 Rights Ditto (Funds Grouped for Investment)	63.77
	100 Rights Ditto (The James W. McLaughlin Fellowship Fund - Reserve for Depletion)	22.38
7/11/56	85 Shares Reed Roller Bit Company Common Stock, sold at 27-3/8 per share (Sharp Fund - Pioneers in Texas Oil)	2,293.70
7/23/56	940 Rights to subscribe to Rare Metals Corporation of America Capital Stock based on holdings of El Paso Natural Gas Company Common Stock (Hogg Foundation: W. C. Hogg Estate Fund)	67.58
	200 Rights Ditto (Hogg Foundation: Varner Properties)	14.38
	300 Rights Ditto (Funds Grouped for Investment)	21.57
	100 Rights Ditto (Wilbur S. Davidson Educational Fund)	7.19
	140 Rights Ditto (Will C. Hogg Memorial Scholarships Endowment)	10.06
	15 Rights Ditto (Will Rogers Memorial Scholarship Fund)	1.08
	200 Rights Ditto (The James W. McLaughlin Fellowship Fund - Reserve for Depletion)	14.38

Date	SALES (Continued) Security	Net Proceeds
8/28/56	200 Rights for The Detroit Edison Company 3-3/4% Convertible Debentures, due September 14, 1971 (Hogg Foundation: W. C. Hogg Estate Fund)	\$ 74.13
	400 Rights Ditto (Hogg Foundation: Varner Properties)	148.24
	100 Rights Ditto (Funds Grouped for Investment)	37.06
	100 Rights Ditto (Will Rogers Memorial Scholarship Fund)	37.06

TRUST AND SPECIAL FUNDS--BEQUEST AND ESTATE MATTERS.--

ESTATE OF DWIGHT D. BOOK, DECEASED - REPORT ON SETTLEMENT OF WILL CONTEST, PRESENT STATUS OF ESTATE, AND REQUEST FOR APPROVAL OF ATTORNEYS' FEES.-- As reported to the Board of Regents on June 1, 1956, Dwight D. Book of San Antonio died on October 27, 1955, leaving a will and codicil under which his residue Estate was left in trust with San Antonio Loan and Trust Company, also named as Independent Executor, with the balance, after payments of a total of \$700 per month to two ladies during their lives and specific bequest of his home and its contents, "to be paid to The University of Texas for Scholarships." As further reported, a will contest had been filed by certain heirs, and the law firm of Denman, Franklin & Denman had contacted the University staff, suggesting approval of employment by the Executor of associate counsel for the contest proceedings.

Mr. Gilbert Denman, Jr., of the firm of Denman, Franklin & Denman, has recently reported to the staff that after prolonged trial of the matter in the Probate Court of Bexar County this summer and approach by opposing counsel for settlement, the Independent Executor, San Antonio Loan and Trust Company, settled the matter by payment of \$60,000 in cash from the Estate to the contesting heirs, accompanied by transfer to those heirs of certain of the contents of the home by the person to whom the home and contents were devised. The will has now been probated, and the Independent Executor is proceeding with administration.

The assets of the Estate as of September 5, 1956, are reflected in the following statement furnished by Mr. Denman, this being after payment of the will contest settlement but before payment of attorneys' fees, executor's fees, succession taxes, and miscellaneous claims and costs of administration:

Cash	- Principal	\$46,625.13	
	Income	<u>21,441.11</u>	\$ 68,066.24
Stocks	- 600 Shares - General Electric		27,825.00
Real Estate	- Lots in N. C. B. 106, Nos. 100 to 110 W. Houston, San Antonio, Texas. . .		280,500.00
	Lots 5, 8 and 11, Block 76, Public Land Survey, Mustang Island, Nueces County .		<u>6,000.00</u>
	Total		<u>\$382,391.24</u>

The San Antonio property, known as the Book Building, produces gross rental of approximately \$33,000 annually. Net cash income might be in the neighborhood of \$20,000 annually, but appropriate depreciation reserve is yet to be determined by the Trustee after consulting the University.

Mr. Denman has pointed out that this will contest involved none of Mr. Book's heirs on his father's side who apparently are scattered throughout the United States, and that the will is still subject to attack by those heirs until the period of limitation runs. None of those heirs has been heard from.

Mr. Carl Wright Johnson of San Antonio was associate counsel with Denman, Franklin & Denman in the will contest matter. Mr. Denman reports that his firm and Mr. Johnson have agreed on a proposed fee of \$15,000 for his firm and \$15,000 for Mr. Johnson to be paid by the Executor. Due to the fact that Mr. Denman is a director of the San Antonio Loan and Trust Company, the Independent Executor and

Trustee, and further that his firm is counsel for that institution, he has requested that the Board of Regents approve payment of these legal fees by the Executor. Mr. Denman points out that the fee to his firm includes all services from date of Mr. Book's death to the present and will further cover preparation of the succession tax returns and routine matters during the administration of the Estate. Additional charges would be made for work on real estate leases and the like.

It is recommended that the Board of Regents authorize the Endowment Officer to notify Mr. Denman and the Executor that the Board approves payment of the proposed legal fees in the total amount of \$30,000.

ESTATE OF DeROSSETTE THOMAS, DECEASED - REPORT ON STATUS OF ESTATE, RATIFICATION OF SALE OF PROPERTY AT 419 PATTERSON AVENUE ((ALAMO HEIGHTS), SAN ANTONIO, TEXAS, AND RATIFICATION OF SELECTION OF ANCILLARY ADMINISTRATOR WITH WILL ANNEXED IN THE STATE OF ARIZONA.--It was reported to the Board of Regents on June 1, 1956, that administration by the Executors had been completed except for details of turning over the Estate to the University, the Executors having stated that they desired to make such delivery soon. However, upon further consideration, the Executors decided to retain the cash on hand and to continue collection of rents on any Texas property until there was further assurance of no additional succession tax or income tax liability. They have kept in close touch with the University on all matters. They have agreed to make payments for repairs and remodeling on the Guidance Center property in San Antonio upon request from the Endowment Officer and within the limits authorized by the Board of Regents on June 1, 1956.

On June 1, 1956, the Board of Regents authorized the sale of the vacant residential property at 419 Patterson Avenue (Alamo Heights), San Antonio, at a price to net the University not less than \$8,000 cash. After extended efforts by officials of the Guidance Center in San Antonio in cooperation with the Endowment Office and the Executors of the Estate, an offer of \$8,550.00 cash was received from Mr. and Mrs. Henry S. Windes for this property. The sale is now in the process of being closed. Sales commission to Alamo Heights Realty Company will be \$427.50, and title policy fee to Security Title Company will be \$86.50, leaving \$8,036.00 net to the Estate. This sale was approved as provided in the authorization made by the Board of Regents on June 1, and Chairman Sealy has joined in a deed with the Executors of the Estate. Therefore, it is recommended that the Board of Regents adopt the following resolution confirming and ratifying this sale:

"WHEREAS, at a regular meeting, being meeting No. 554 of the Board of Regents of The University of Texas, held in Austin, Texas, on June 1, 1956, among other things, in connection with the Estate of Miss DeRossette Thomas, deceased, the Board 'authorized sale of the property at 419 Patterson Avenue, San Antonio (Alamo Heights), Texas, described as Lot Abstract 4950 (49-50), Block Cert. 11, C. B. 4024, in the City of San Antonio (Alamo Heights), Bexar County, Texas, for a price to net the University not less than \$8,000 cash, such sale to be approved by the Chairman of the Land and Investment Committee, the Vice-President for Fiscal Affairs, and the Endowment Officer, and authorize upon these conditions the execution of a deed to the purchaser by the Chairman of the Board of Regents after approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney'; and

"WHEREAS, Henry S. Windes and wife, Cathryn L. Windes, of San Antonio, Texas, made an offer to purchase the above property for the sum of \$8,550.00, and which offer was duly approved and accepted and a deed duly executed and delivered for and in behalf of the Board of Regents of The University of Texas, as Trustee of the DeRossette Thomas Fund for Mental Hygiene, in accordance with the above resolution:

"BE IT RESOLVED, That the above sale and conveyance of said property is hereby in all things duly accepted, approved, confirmed, and ratified."

It is expected that the check for the proceeds will be made payable jointly to the Executors of the Estate and to the University, and it appears that the Executors wish to receive this cash and account for it with cash already on hand. Therefore, it is further recommended that the Board of Regents approve any necessary endorsements by the Endowment Officer for payment of the net proceeds of the sale into the hands of the Executors.

As further authorized by the Board of Regents on June 1, 1956, the Land and Trust Attorney and the Endowment Officer have joined with the Executors of the Estate in requesting the Arizona Trust Company of Tucson, who served as agent for Miss Thomas in handling the one piece of real estate in that city, to serve as Ancillary Administrator with Will Annexed for the necessary probate proceedings in Arizona. It is recommended that the Board of Regents approve such request.

MEDICAL BRANCH - ESTATE OF A. C. McLAUGHLIN, DECEASED, COLORADO PORTION, REPORT ON PROGRESS IN TRANSFER OF ESTATE TO THE UNIVERSITY AND CONFERENCE OF THE STAFF WITH MR. STUART W. McLAUGHLIN IN RANGELY, COLORADO.--Referring to the report of the Board of Regents on June 1, 1956, regarding prospective closing of the administration on the Colorado portion of the McLaughlin Estate, the University was later notified that the Order of Final Settlement and Distribution was entered in the County Court of Rio Blanco County, Colorado, on May 21, 1956. As authorized by the Board of Regents on June 1, Chairman Sealy has executed on behalf of the Board a receipt covering the Estate coming to the University and consent to the release and discharge of the Administrator and his surety, this being dated July 15, 1956. This receipt has been delivered to the Colorado attorneys and will be filed with the County Court in the near future, after which an order will be entered, discharging the Administrator and his surety. The Colorado attorneys have deferred filing the receipt until one of the oil companies is satisfied on minor requirements regarding payments to the University. Chairman Sealy has also executed most of the division orders necessary for the royalty and working interest payments to be made to the University. The others should be ready for signature shortly.

On August 15 to 17, 1956, Vice President for Fiscal Affairs Dolley, Land and Trust Attorney Gaines, and Endowment Officer Stewart conferred with the University's Colorado attorneys, Holme, Roberts, More & Owen, in Denver, and with Mr. Stuart W. McLaughlin at Rangely, regarding legal problems and tax questions connected with the University's interests, arrangements for necessary papers and records for the University's files, handling of working interests, and possible conversion or disposition of all or part of these interests, particularly the working interests.

On December 10, 1954, the Board of Regents approved a plan anticipated to avoid the hazards and responsibilities of holding working interests and to avoid possible Federal income tax liabilities. Under this plan, all but the straight royalty interests were to be converted into "net profits royalty" interests or rearranged with Mr. Stuart McLaughlin, perhaps with participation by other members of his family. These arrangements were considered as tentative both by the University and by Mr. McLaughlin and the extended administration on the Estate, due principally to the Colorado Inheritance Tax matter, has delayed further work on the tentative plan.

Mr. McLaughlin has repeated his interest in submitting an offer, in which other members of his family probably would participate, for the purchase of all or any parts of the University's interests, along with an alternative proposal for conversion of any of the interests which the Board of Regents should decide not to sell. The staff expressed the opinion to Mr. McLaughlin that the Board of Regents would be glad to give thorough consideration to any proposal he may wish to submit, and he expects to have to the University around November 1, 1956, a proposal along the lines indicated.

Mr. McLaughlin conveyed to the University his appreciation of its trust responsibilities under his father's will, his desire to assist the University in every way until its plans regarding these interests could be determined, and his definite feeling that the University is under no obligation to favor him or other members of his family on a matter of disposition or conversion of any of the interests. He indicated assurance that his brother and sister feel as he does.

The Endowment Officer has requested a current market value appraisal of the Colorado interests by Dr. Clark F. Barb, recognized authority of Golden, Colorado, who appraised the interests as of the date of A. C. McLaughlin's death, January 6, 1952, for the Administrator.

Holme, Roberts, More & Owen has been requested to advise the University on Federal income tax and State of Colorado tax questions relating to these interests on other legal questions relating to the rights and responsibilities of the University under certain of the interests.

TEXAS WESTERN COLLEGE - ESTATE OF BERTHA M. FULLER, DECEASED - PROPOSED RETURN OF PROMISSORY NOTE SIGNED BY THE HEIRS, GIVEN TO COVER CASH BEQUEST, TO THE SIGNERS.--On October 13, 1955, the Board of Regents approved an arrangement under which a note signed by the three children of Mrs. Bertha M. Fuller was accepted to cover a cash bequest under her will to Texas Western College in the amount of \$2,500, this being for the purpose of allowing the family to retain ownership of a farm in New Mexico which otherwise would have to be sold to pay claims and cash bequests. Though the papers carry no such conditions, it was understood that this plan could not be carried to completion without extensive refinancing of mortgage indebtedness. The representatives of the Estate have now notified President Holcomb that such refinancing cannot be arranged, and that the farm must be sold. Therefore, they are requesting that the promissory note dated August 31, 1955, in the amount of \$2,500 due on or before December 31, 1957, bearing interest at 6% from date, secured by the New Mexico real estate, and signed by C. M. Ferguson, individually and as Attorney in Fact for James D. Ferguson and Mary Jane Rogers, be returned to the signers for cancellation. The cash bequest would then be paid in due course of administration when and if funds are available.

It is recommended that the Board of Regents authorize President Holcomb to return the note to the signers upon approval of papers and procedure by the Land and Trust Attorney and the Endowment Officer to insure that the cash bequest is restored to its status prior to acceptance of the note.

TRUST AND SPECIAL FUNDS--REAL ESTATE MATTERS.--

HOGG FOUNDATION: THOMAS E. HOGG ESTATE - RATIFICATION OF DIVISION ORDERS NOS. 7253 AND 7254 TO ESSO STANDARD OIL COMPANY, DOLPH PARRO AND SOUTH COAST CORPORATION FARMS, CHARENTON FIELD, ST. MARY PARISH, LOUISIANA.--Pursuant to authorization granted by the Board, the Endowment Officer executed Division Orders Nos. 7253 and 7254 to Esso Standard Oil Company, covering oil purchased from Fifteen Oil Company's Dolph Parro Farm and South Coast Corporation Farm, respectively, Charenton Field, St. Mary Parish, Louisiana, with respect to royalty interest therein payable to Mrs. Margaret Wells Hogg as Testamentary Usufructuary during her lifetime and after her death to the Hogg Foundation: W. C. Hogg Memorial Fund as Naked Owner. It is recommended that the Board of Regents ratify and approve this action.

HOGG FOUNDATION: THOMAS E. HOGG ESTATE - RATIFICATION OF DIVISION ORDER NO. 7257 TO ESSO STANDARD OIL COMPANY, LAMSON AND BENNETT'S SOUTH COAST CORPORATION FARM, CHARENTON FIELD, ST. MARY PARISH, LOUISIANA.--Pursuant to authorization granted by the Board, the Endowment Officer executed Division Order No. 7257 to Esso Standard Oil Company, covering oil run from Lamson & Bennett's South Coast Corporation Farm, Charenton Field, St. Mary Parish, Louisiana, with respect to royalty interest therein payable to Mrs. Margaret Wells Hogg as Testamentary Usufructuary during her lifetime and after her death to the Hogg Foundation: W. C. Hogg Memorial Fund as Naked Owner. It is recommended that the Board of Regents ratify and approve this action.

HOGG FOUNDATION: W. C. HOGG ESTATE FUND - RATIFICATION OF DIVISION ORDER NO. 146201 TO MAGNOLIA PETROLEUM COMPANY, J. W. WINKLEY - FRANK KOEHLER LEASE, DILLARD COOPER SURVEY, CALDWELL COUNTY, TEXAS.--Pursuant to authorization granted by the Board, the Endowment Officer executed Division Order No. 146201 to Magnolia Petroleum Company for oil run from the J. W. Winkley - Frank Koehler Lease, on 23-1/2 acres, more or less, Dillard Cooper Survey, Caldwell County, Texas, the University's interest being 1/128 of 1/8 in the minerals for the W. C. Hogg Estate Fund. It is recommended that the Board of Regents ratify and approve this action.

HOGG FOUNDATION: W. C. HOGG ESTATE FUND - RATIFICATION OF DIVISION ORDER NO. 142116 TO MAGNOLIA PETROLEUM COMPANY, IRVING SHEFTS - F. M. BRANYON "B" LEASE, R. J. MILLER LEAGUE, CALDWELL COUNTY, TEXAS.--Pursuant to authorization granted by the Board, the Endowment Officer executed Division Order No. 142116 to Magnolia Petroleum Company for oil run from the Irving Shefts - F. M. Branyon "B" Lease on the west 20 acres of the 25.2-acre tract, R. J. Miller League, Caldwell County, Texas, the University's interest being 1/4 of 3/72 of 1/8 in the minerals for the W. C. Hogg Estate Fund. It is recommended that the Board of Regents ratify and approve this action.

HOGG FOUNDATION: W. C. HOGG ESTATE FUND - PROPOSED MINERAL LEASE TO HUMBLE OIL AND REFINING COMPANY, FAULK AND TEAGARDEN SUBDIVISION, HARDIN COUNTY, TEXAS (EXTENSION OF MINERAL LEASE TO V. I. GRISHAM).--In 1951, the Board granted a mineral lease to V. I. Grisham, covering 23-1/3 acres of land in Hardin County, Texas, situated in the Henry Faulk and A. L. Teagarden Survey, Abstract No. 773, for a five-year primary term which expires September 22, 1956. The lease was subsequently assigned to Humble Oil & Refining Company. Mr. M. L. McLeod, representing Humble Oil & Refining Company, has submitted a proposal for a new lease on the tract for a five-year period beginning September 22, 1956, the new lease to carry a cash bonus of \$25 per acre, royalties of 1/8 on oil and gas, \$1.00 per long ton on sulphur and a delay rental of \$5.00 per acre, payable annually in the absence of production or drilling operations. The cash bonus in the amount of \$583.25 has been tendered with the proposal. It is recommended that the Board of Regents approve the new lease on the tract and authorize the Chairman to execute the lease upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

HOGG FOUNDATION: W, C. HOGG ESTATE FUND - PROPOSED MINERAL LEASE TO J. H. BAUGH AND JIMMIE S. BAUGH, MURDOCK MINERAL PROPERTY, OUACHITA COUNTY, ARKANSAS.--Mr. A. G. Allison, representing J. H. Baugh and Jimmie S. Baugh, has submitted a proposed mineral lease on all of that part of Lot No. 1 in the NW/4 of Section 3, Township 16 South, Range 15 West, lying North of Smackover Creek, Ouachita County, Arkansas, containing 23.52 acres, more or less. The lease would be for a primary term of five years and would carry a bonus of \$25 per mineral acre, the University's interest being 1/4 of 1/4, the University's share of the bonus on the lease being \$36.75. The lease also carries a delay lease rental clause that a lump sum of \$29.40 will be deposited in the First City National Bank of Houston, Texas, in order to renew the lease each year in the absence of drilling operations or production, with 1/8 royalty to be paid on all oil and gas produced and saved. It is recommended that the Board of Regents approve the new lease on the tract and authorize the Chairman to execute the lease upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

HOGG FOUNDATION: W, C. HOGG ESTATE FUND - PROPOSED MINERAL LEASE TO HOUSTON GULF SULPHUR COMPANY, OLD HUMBLE OIL FIELD, HARRIS COUNTY, TEXAS (EXTENSION OF MINERAL LEASE GRANTED TO J. LINTON ROBERTSON, JR., IN 1954).--In 1954, the Board granted a mineral lease to J. Linton Robertson, Jr., agent for the Olympia Oil and Gas Co., Ltd., as Lessee, on land situated in the Old Humble Oil Field, North Harris County, Texas, the University's interest for the W. C. Hogg Estate Fund being an undivided 108/1728 of the minerals. This lease was primarily for sulphur exploration although it was the intention of the lessee to find and produce oil and gas in paying commercial quantities. The lease was for a primary term of six months and so long thereafter as drilling operations or production should be maintained. The lease was maintained in effect by drilling operations until April 23, 1956, by Houston Gulf Sulphur Company. The company has now submitted a request for a 90-day extension of the lease in order to further explore the possibility of obtaining commercial sulphur from the Humble Dome, the extension to commence with the date of the last acknowledgment of any of the parties lessor to the extension and so long thereafter as either (1) oil, gas, sulphur or other mineral is produced under the provisions of the lease in paying and commercial quantities, or (2) drilling or re-working operations are conducted. The original lease dated September 30, 1954, will remain in full force and effect upon the terms and conditions therein provided. It is recommended that the Board of Regents approve the 90-day extension of the lease on the tract and authorize the Chairman to execute the extension agreement upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

BRACKENRIDGE TRACT - PROPOSED RENEWAL OF COMMERCIAL LEASE NO. 231 TO MR. AND MRS. A. A. LAWRENCE AT 3710 LAKE AUSTIN BOULEVARD, AUSTIN, TEXAS.--For sometime, Mr. and Mrs. A. A. Lawrence have been granted a year-to-year ground lease on a tract 50 feet by 130 feet out of the Brackenridge Lands located at 3710 Lake Austin Boulevard on which the lessees have maintained improvements necessary for the operation of a confectionery and grocery and for their residence. It is proposed that the commercial lease to Mr. and Mrs. Lawrence be renewed for another year, beginning September 1, 1956, at an annual rental of \$300.00, payable monthly in advance at the rate of \$25.00 per month. At the expiration of this lease, it is expected that a study of the possible uses of the site will indicate whether or not a renewal can be granted to the present lessees for another year or possibly for a five-year period with cancellation privileges. It is recommended that the renewal of the present lease for one year be granted by the Board and the Chairman authorized to execute the lease upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

TEXAS WESTERN COLLEGE - PROPOSED RENEWAL OF GRAZING LEASE TO MOODY BENNETT, COTTON ESTATE PROPERTY, HUDSPETH COUNTY, TEXAS.--Mr. Moody Bennett had under grazing lease which expired May 31, 1956, 16,911 acres of Cotton Estate Lands in Hudspeth County, Texas. The original lease called for rental of 8¢ per acre per year, payable semiannually. In December, 1955, the Board granted a 50% reduction to Mr. Bennett for the last year of his lease term because of drought conditions prevailing. Business Manager Smith of Texas Western College has recommended that Mr. Bennett's lease be renewed for a period of one year beginning June 1, 1956, and ending May 31, 1957, at five cents per acre. In view of the fact that the Cotton Estate lands in Hudspeth County consist of checker-boarded sections and that Mr. Moody either owns or has leased the adjacent lands, Mr. Smith advises that the University does not have much choice in the matter of leasing this particular acreage but is of the opinion that we should not grant Mr. Bennett a

lease for more than one year at the low rental rate of five cents per acre. It is recommended that the renewal of Mr. Bennett's grazing lease be granted by the Board for one year and the Chairman authorized to execute the lease upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

TEXAS WESTERN COLLEGE - POWER LINE EASEMENT, MOUNTAIN STATES TELEPHONE AND TELEGRAPH COMPANY AND EL PASO ELECTRIC COMPANY, COTTON ESTATE PROPERTY, NOYES-RAND SURVEY, EL PASO COUNTY, TEXAS.--Business Manager Smith of Texas Western College has submitted a proposed power line easement to be issued jointly to Mountain States Telephone and Telegraph Company and El Paso Electric Company along 375.2 feet of the east line of the Cotton Estate Property in the Noyes-Rand Survey, El Paso County, Texas, for the construction of a pole line carrying telephone and electric service to the one-acre site occupied by the American Telephone and Telegraph Company, said site having been purchased from the University out of the 140-acre tract by the American Telephone and Telegraph Company for the purpose of erecting a tower for their transmission system. There will be only one pole on the Cotton Estate tract. President Holcomb concurs with Mr. Smith's recommendation that the easement be granted for a nominal consideration of \$1.00, it being their opinion that the availability of telephone and electric service will enhance rather than detract from the value of the Cotton Estate tract of 139 acres remaining. It is recommended that the Board grant the easement as requested and authorize the Chairman to execute the instrument upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

HOGG FOUNDATION: W. C. HOGG ESTATE FUND - MINERAL LEASE TO W. J. MECHURA, AS AGENT FOR FRANCIS A. CALLERY, S. F. AUSTIN 3-1/6 LEAGUE, WHARTON COUNTY, TEXAS.--Mr. Wm. B. Ferguson has submitted a proposed mineral lease to W. J. Mechura, as agent for Francis A. Callery, on 169.02 acres out of the S. F. Austin 3-1/6 League, Wharton County, Texas, the University's interest for the W. C. Hogg Estate Fund being 1/4 of 1/4 of the oil, gas and other minerals. Bonus is at the rate of \$50 per mineral acre, the University's share being \$528.19. Annual delay rental is at \$10 per mineral acre, or \$105.64 for the University. The lease is for a primary term of two years and as long thereafter as production or drilling is maintained, with base royalty at 1/4 of oil and gas produced and saved. It is recommended that the Board approve joinder in the proposed lease and authorize the Chairman to execute the instrument upon its approval as to content by the Endowment Officer and as to form by the Land and Trust Attorney.

THE WILLIAM JAMES BATTLE FELLOWSHIP IN GREEK - RATIFICATION OF PURCHASE FOR MAIN UNIVERSITY OF PROPERTY AT 2506 WHITIS AVENUE, AUSTIN, TEXAS.--The following is a report dated August 8, 1956, to the Land and Investment Committee from the committee appointed by the Board of Regents on June 1, 1956, to determine the fair value of the property at 2506 Whitis Avenue:

"On June 1, 1956, the Board of Regents authorized the acquisition for the Main University of the property at 2506 Whitis Avenue from this fellowship account at a fair value to be determined by the undersigned committee and the transfer to the fellowship account of the determined fair value, first from Account No. 74845, Brackenridge Lands Rentals - Property at 2500 Whitis Avenue and the remainder from Account No. 74840, Brackenridge Lands Rentals.

"The property is described as Lot 10 and the South 30 feet of Lot 9, Block 2, Subdivision of Outlots 15, 16, and 17, Division D, City of Austin, and is improved with a two-story residence about 60 years old and a garage, both of frame construction. The property fronts 78 feet on Whitis Avenue and extends 130 feet in depth.

"The Inventory and Appraisalment on Dr. Battle's estate executed by North Millican and Ted Wendtland, both real estate men in Austin, and filed in the Probate Court early this year, shows a value of \$35,000 for this property. An independent appraisal by Ben E. King sets out data on sales of other property in the general neighborhood that indicate a possibility of a fair value somewhat in excess of \$35,000 for this property.

"After thorough consideration of all available information pertaining to valuation of the property, we have determined the fair value to be \$36,000. Therefore, we request that the Board of Regents approve acquisition of subject property for the Main University as of August 31, 1956, and payment to The William James Battle Fellowship in Greek of \$36,000, first from Account No. 74845, Brackenridge Lands Rentals - Property at 2500 Whitis, with a present balance of approximately \$6,593.00, and the remainder from Account No. 74840, Brackenridge Lands Rentals, with a present balance of approximately \$31,722.00.

"Respectfully submitted

(Signed) J. C. Dolley
Vice President for Fiscal Affairs

(Signed) H. J. Leon
Chairman, Department of Classical
Languages

(Signed) Wm. W. Stewart "
Endowment Officer

As further authorized by the Board of Regents on June 1, 1956, Chairman Sealy has executed a deed on behalf of the Board of Regents as Trustee of The William James Battle Fellowship in Greek, conveying the property to the State of Texas for the use and benefit of the Main University, and the transfer has been made as of August 31, 1956, as recommended in the committee report set out above.

It is recommended that the Board of Regents ratify and approve this transfer.

W. J. McDONALD OBSERVATORY FUND (ESTATE PROPERTY) - WITHDRAWAL OF OFFER TO PURCHASE PICKERING PROPERTY, LAMAR COUNTY, TEXAS, BY J. M. HOWARD.--The Board of Regents on June 1, 1956, authorized the sale to J. M. Howard of the Pickering Property in Lamar County, surveyed at 125.393 acres, for \$7,000 cash, his offer, this amount being accompanied by earnest money in the amount of \$350.00 and being contingent upon arrangements for financing. Since that time, Mr. Howard has been in communication with the Endowment Officer regarding his efforts for financing and on September 5 gave notice that he would have to abandon the purchase due to inability to financing it. The Endowment Officer is convinced that Mr. Howard has acted in good faith, and it is recommended that the Board of Regents revoke its resolution of June 1, 1956, authorizing the sale, and authorize the Endowment Officer to return the earnest money.

HUNTINGTON LANDS - OFFER FOR PURCHASE OF 120 ACRES, SAMUEL C. BUNDICK LEAGUE, GALVESTON COUNTY, TEXAS, BY J. C. FRENCH ET AL - (RELATES TO ACTION OF THE EXECUTIVE COMMITTEE ON JUNE 23, 1956).--The Executive Committee of the Board of Regents on June 23, 1956, authorized the Endowment Officer to notify J. C. French, R. W. Ramey, and O. B. Scribner that the Committee would not recommend acceptance of their proposal for an option to purchase 150 acres of the Huntington Lands in the Samuel C. Bundick League, Galveston County, for \$120,000 (\$800 per acre), but would recommend to the Board of Regents at its September meeting acceptance of an offer to purchase a tract of from 120 acres to 150 acres at a price of \$1,000 per acre cash, such proposal to recommend being conditioned on the purchasers' having to the Endowment Officer by August 31, 1956, their firm proposal for such purchase together with earnest money in the amount of 5% of the purchase price. The prospective purchasers have met this condition with a firm offer and earnest money for purchase of a tract of 120 acres at \$1,000 cash per acre, and the Land and Investment Committee wishes to join the Executive Committee in recommending the acceptance of such offer and wishes to recommend further the adoption of the following resolution authorizing the sale:

"WHEREAS, by deed dated October 7, 1927, Archer M. Huntington conveyed to the Board of Regents of The University of Texas, in trust, all of the land owned by him in Galveston County, Texas, including the hereinafter described tract of land, for the use and benefit of a museum to be established in connection with The University of Texas, granting said Board of Regents full power and authority to use said land for said purpose, or to sell and convey it upon such terms and conditions as the Board of Regents should deem fit, and to use the proceeds from said sale or sales for the benefit of the museum above mentioned, said deed being recorded in Volume 415, pages 144-45, of the Deed Records of Galveston County, Texas, to which reference is here made for all purposes; and

"WHEREAS, R. W. Ramey and James C. French, both of Harris County, Texas, and O. B. Scribner of Galveston County, Texas, have made an offer to purchase a tract of 120 acres of said above land out of the Samuel C. Bundick League, Abstract No. 7, described as follows:

Beginning at a point on the Northwesterly right-of-way line of State Highway No. 146, said point bearing N. 20° 43' E., a distance of 200' from a point where the Northeasterly line of the right-of-way line of the T. & N. O. R. R. Co's right-of-way intersects the Northwesterly right-of-way line of said Highway, said point being also the most Easterly corner of that certain tract conveyed to Southwestern Bell Telephone Company by the Board of Regents of The University of Texas, by deed dated October 5, 1948, and recorded in Vol. 795, pages 227-229, in the office of the County Clerk of Galveston County, Texas;

Thence from said beginning point N. 39° 08' W., along the Northeasterly line of said Telephone Company Tract, a distance of 200' to a point for corner, said point being the most Northerly corner of said Telephone Company Tract;

Thence S. 20° 43' W., along the Northwesterly line of said Telephone Company Tract, a distance of 200' to a point for corner, said point being the most Westerly corner of said Telephone Company Tract and on the Northeasterly line of said T. & N. O. R. R. Company's right-of-way;

Thence N. 39° 08' W., along the Northeasterly line of said R. R., a distance of 4377.9' to the point of curvature of a curve to the right, the radius of which is 612.18' and whose central angle is 90° 58';

Thence continuing along said curve to the right, a distance of 971.94' to the point of tangency of said curve, said point being 50' perpendicular distant Southeasterly from the center line of the Texas City Terminal Railway Company's right-of-way;

Thence N. 51° 50' E., along said right-of-way, a distance of 211.26' to a point for corner where said right-of-way intersects the North line of the Samuel C. Bundick League and the South line of the H. B. Littlefield Survey;

Thence N. 89° 58' E., along the North line of said Bundick League, same being the South line of said Littlefield Survey, a distance of 347.48' to a point for corner;

Thence S. 39° 08' E., a distance of 4326.36' to a point for corner on the Northwesterly line of said State Highway No. 146;

Thence S. 20° 43' W., along said Highway, a distance of 1076.03' to the place of beginning and containing 120 acres of land, more or less.

"WHEREAS, said offer was duly accepted by the Board of Regents, as such trustee, with a reservation of one-half (1/2) of the minerals by the seller, with leasing rights, however, to be in purchaser:

"RESOLVED, That the Chairman of the Board of Regents of The University of Texas be and he is hereby authorized and directed to enter into a contract of sale covering the above property, and that upon the performance of such contract and upon receipt of said consideration said Chairman for and on behalf of the Board of Regents of The University of Texas, as Trustee of the Archer M. Huntington Museum Fund, is further authorized and directed to execute, acknowledge and deliver a proper deed conveying the above property to R. W. Ramey, James C. French, and O. B. Scribner, or their nominee."

HUNTINGTON LANDS - OFFER FOR PURCHASE OF 112 ACRES, H. B. LITTLEFIELD SURVEY, GALVESTON COUNTY, TEXAS, BY THE AMERICAN OIL COMPANY.--The University has received from The American Oil Company, a subsidiary of the Standard Oil Company of Indiana, a firm offer for the purchase of a tract of approximately 112 acres out of the Huntington Lands at \$1,250 per acre cash, the University to retain one-half of the minerals fully participating in bonuses, rentals, and royalties, but with leasing rights in the purchaser.

Ret'd

The American Oil Company property adjoins this tract a distance of about 500 feet on the north. The tract fronts approximately 3,500 feet on State Highway 341 along the southeast side and has Texas City Terminal Railroad trackage available on the north side, as well as high-voltage power. Elevation averages about five feet above sea level.

A tract of twenty acres adjoining this one immediately on the west was sold by the University in 1954 to Products Pipeline Company for \$1,500 per acre, and seven acres out of the northeast corner was sold in 1955 to Community Public Service Company for \$2,000 per acre. A tract of fifty acres adjoining on the west was sold in 1952 to Texas City Chemicals, Inc., by the University for \$600 per acre, and fifty acres then to the west was bought by the same company in 1951 from the University for \$500 per acre.

The subject tract is considered one of the most desirable out of the remaining Huntington Lands. It was given a value of \$750 per acre in the appraisal of August, 1955, made by Vincent J. Schmitt, C. E. Woodall, and M. H. James.

It is recommended that the Board of Regents accept the offer of The American Oil Company and adopt the following resolution:

"WHEREAS, by deed dated October 7, 1927, Archer M. Huntington conveyed to the Board of Regents of The University of Texas, in trust, all of the land owned by him in Galveston County, Texas, including the hereinafter described tract of land, for the use and benefit of a museum to be established in connection with The University of Texas, granting said Board of Regents full power and authority to use said land for said purpose, or to sell and convey it upon such terms and conditions as the Board of Regents should deem fit, and to use the proceeds from said sale or sales for the benefit of the museum above mentioned, said deed being recorded in Volume 415, pages 144-45, of the Deed Records of Galveston County, Texas, to which reference is here made for all purposes; and

"WHEREAS, The American Oil Company, a corporation, has made an offer to purchase a tract of 112.1 acres, more or less, of said above land out of the H. B. Littlefield Survey, Abstract No. 143; and

"WHEREAS, said offer was duly accepted by the Board of Regents, as such trustee, with a reservation of one-half (1/2) of the minerals by the seller, with leasing rights, however, to be in purchaser;

"RESOLVED, That the Chairman of the Board of Regents of The University of Texas be and he is hereby authorized and directed to enter into a contract of sale covering the above property, and that upon the performance of such contract and upon receipt of said consideration said Chairman for and on behalf of the Board of Regents of The University of Texas, as Trustee of the Archer M. Huntington Museum Fund, is further authorized and directed to execute, acknowledge and deliver a proper deed conveying the above property to The American Oil Company, a corporation, or its nominee."

HOGG FOUNDATION: VARNER PROPERTIES - DEMOLITION OF IMPROVEMENTS AND PROPOSED PARKING LOT LEASE ON SENS LEASEHOLD PROPERTY, HOUSTON, TEXAS.--Pursuant to authorization by the Board of Regents on October 13, 1955, the Vice President for Fiscal Affairs and the Endowment Officer arranged with those who have succeeded to the rights of the lessor under the 99-year lease, under which the University is successor lessee, for escrow deposit of securities and permission to remove the old improvements in accordance with the terms of the lease. As further authorized by the Board, Chairman Sealy has executed such escrow agreement on behalf of the Board of Regents as Trustee of the Hogg Foundation: W. C. Hogg Memorial Fund, dated February 16, 1956. The instrument was executed by Mrs. Lynette Schneider Autrey, joined by her husband, H. S. Autrey, and by Elma Schneider as Lessors and by Texas National Bank of Houston as Escrow Agent. Under this agreement, the University has deposited with the Escrow Agent \$56,000 par value U. S. Treasury 2-3/8% Bonds, due June 15, 1958, to secure performance of the improvement obligations under the lease.

After 90 days' notice to the tenants to vacate, the University advertised for bids for wrecking and salvage of the improvements. Bids were opened on June 20, 1956, the following being received:

Dincans Wrecking Company	- \$3,251.00	(Payment by Bidder to University)
Bunker Hill Brick Company	- 3,159.75	(" " " " ")
A. E. and J. H. Graham	- 1.00	(" " " " ")
Olshan Demolishing Company	- 307.00	(" " " " ")
Handley House Wrecking Company	- 1,750.00	(Payment by University to Bidder)

As further authorized by the Board of Regents, the Vice President for Fiscal Affairs and the Endowment Officer executed a contract for the demolition work with the high bidder, Dincans Wrecking Company, and received their payment of \$3,251.00. The contract provides for completion by October 1, 1956.

In order to provide for adequate information to the bidders and to assure the University maximum precautions in the demolition of these old buildings, Cameron Fairchild & Associates, architects of Houston, were employed to prepare specifications, assist in opening of bids, and perform limited supervision during the demolition. They have been paid \$477.55 for the major part of their services, and final payment is expected to be between \$100 and \$200.

Several responsible parking lot operators in Houston have been invited to submit proposals for a three-year parking lot lease to be effective around October 1, 1956, the lessee to surface the lot as necessary for such operations, and the lease to be subject to cancellation after the first year on 60 days' notice by the University in the event it desires to use the property for anything other than open parking. The only proposal received from a prospect with satisfactory responsibility is from Classified Parking System who operates an adjoining lot. Guaranteed rental is \$150 per month for the first year, \$175 per month for the second year, and \$200 per month for the third year. In addition, they offer to pay 40% of any excess above gross receipt of \$6,000 annually.

It is recommended that the Board of Regents ratify the Escrow Agreement dated February 16, 1956, and the Demolition Contract dated June 22, 1956, approve the employment of Cameron Fairchild & Associates, and authorize a parking lot lease on the terms set out above, further authorizing the Chairman to execute such lease upon approval as to form by the Land and Trust Attorney and as to content by the Endowment Officer.

HOGG FOUNDATION: W. C. HOGG MEMORIAL FUND - REPORT ON STATUS OF EXPECTED ACQUISITION OF PROPERTY ON CONGRESS AVENUE, AUSTIN, TEXAS, BY STATE OF TEXAS BUILDING COMMISSION.--On April 6, 1956, the Board of Regents accepted from Miss Ima Hogg as a gift to the Hogg Foundation: W. C. Hogg Memorial Fund the remainder interest in the property fronting 128 feet on Congress Avenue from East Thirteenth Street to East Fourteenth Street and extending back 53-1/3 feet in depth, the life estate being held by Miss Mary Fitzhugh (Dot) Thornton. As reported at the time of the gift, this property is within the area to be acquired by the State through the Texas State Building Commission for the erection of a State Office Building and Supreme Court Building. Though the original plan of the Commission called for possession of this piece of property by August 15, 1956, they have had some delays, and the University, as of September 10, has not been contacted by the negotiator for the Commission regarding acquisition of its interest. However, the Commission has furnished the University its appraised

value of the property. The State appraisal and the values furnished the University by a recognized Austin appraiser are set out as follows:

	<u>State Appraisal</u>	<u>Appraisal for University</u>
Life Interest (Miss Thornton)	\$23,575.00	\$23,200.00
University's Remainder Interest.	30,825.00	36,450.00
Interest of Lessee and Sub-Lessees	<u>39,000.00</u>	<u>34,350.00</u>
Totals	<u>\$93,400.00</u>	<u>\$94,000.00</u>

When contacted by the negotiator for the Building Commission, the University staff will attempt to arrive at a figure for its interest that can be recommended to the Board of Regents and that will be acceptable to the Commission.

HUNTINGTON LANDS - PROPOSAL FROM GALVESTON COUNTY MOSQUITO CONTROL DISTRICT FOR LEASE FOR BUILDING AND AIRSTRIP.--Judge Theodore R. Robinson, County Judge of Galveston County, and Dr. Don W. Micks, Entymologist for the Galveston County Mosquito Control District and Associate Professor of Medical Entymology at the Medical Branch, conferred with the Endowment Officer and the Land and Trust Attorney on September 11 regarding a long-term lease or possible purchase of a tract of approximately 3-1/2 acres of the Huntington Lands in the area south of State Highway 146, for the construction of a building and airstrip to be used by the Mosquito Control District. They wish to survey the area and submit a proposal for consideration at the September meeting of the Board of Regents so that they may proceed with plans as soon as possible. Any proposal received will be submitted to the Land and Investment Committee at the meeting.

Respectfully submitted
 REGENTS' LAND AND INVESTMENT COMMITTEE

 Leroy Jeffers, Chairman

 J. Lee Johnson, III, Member

 J. R. Sorrell, Member

 C. W. Voyles, Member

APPROVED:

 J. C. Dolley, Vice President for
 Fiscal Affairs

 Wm. W. Stewart, Endowment Officer

A B I L L

to be entitled

AN ACT to amend Section 4 of Chapter 282, Acts, Regular Session, 41st Legislature (1929), as amended by Section 1 of Chapter 174, Acts, Regular Session, 42nd Legislature (1931), as amended by Section 1 of Chapter 148, Acts, Regular Session, 45th Legislature (1937); and declaring an emergency.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. That Section 4 of Chapter 282, Acts, Regular Session, 41st Legislature (1929), as amended by Section 1 of Chapter 174, Acts, Regular Session, 42nd Legislature (1931), as amended by Section 1 of Chapter 148, Acts, Regular Session, 45th Legislature (1937), be and the same is hereby amended so as to read hereafter as follows:

"Sec. 4. Whenever there shall be such demand for the purchase of oil and gas in any University land as will reasonably insure that said oil and gas may be sold advantageously, the Board shall place said oil and gas in said lands on the market in separate tracts of such area and extent as the Board may determine most suitable for the profitable marketing thereof, but in no event shall any tract in which oil and gas is offered for sale as a unit exceed an area of six thousand (6,000) acres. The sale of said oil and gas shall be made at public auction and shall be held in Austin, Texas, at any hour between ten o'clock A. M. and five o'clock P. M. The Board shall cause an advertisement to be made of such sale in two or more newspapers of general circulation in this State. Such advertisement shall state the method, time and place of sale; the primary term of the lease proposed to be executed covering any sale; the royalty to be paid; and that lists describing the land to be sold may be obtained from the Board; and such other matters as in the judgment of the Board are deemed advisable. In addition to the foregoing mandatory provisions, the Board in its discretion may cause said advertisement to be placed in oil and gas journals in and out of the State and to be mailed generally to such persons as they think might be interested."

SEC. 2. The importance of the foregoing amendment to the present law authorizing the sale of oil and gas leases on University lands creates an emergency, and an imperative public necessity exists that the Constitutional Rule requiring bills to be read on three separate days in each House be, and the same is hereby suspended, and that this bill be placed upon the third reading and final passage and take effect from and after passage, and it is so enacted.

A B I L L

to be entitled

AN ACT to amend Section 5 of Chapter 282, Acts, Regular Session, 41st Legislature (1929), as amended by Section 2 of Chapter 174, Acts of Regular Session, 42nd Legislature (1931), as amended by Section 2 of Chapter 148, Acts of Regular Session, 45th Legislature (1937); and declaring an emergency.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. That Section 5, of Chapter 282, Acts, Regular Session, 41st Legislature (1929), as amended by Section 2 of Chapter 174, Acts, Regular Session, 42nd Legislature (1931), as amended by Section 2 of Chapter 148, Acts, Regular Session, 45th Legislature (1937), be and the same is hereby amended so as to read hereafter as follows:

"Sec. 5. The oil and gas in each tract shall be offered for sale for a bonus in addition to the stipulated royalty. Each tract shall be offered separately. Each bid shall be subject to such royalty as is specified in the official advertisement preceding the sale, but in no event shall be less than one-eighth (1/8) of the gross production of oil and gas in the land; and shall further be subject to the payment of an annual rental after the first year of not less than ten cents (10¢) per acre, payable each year in advance, unless the royalties received from such land during the preceding year shall equal or exceed the amount of the annual rental payment; and shall be subject to the payment of a special fee equal to one per cent (1%) of the total sum bid, which special payment shall constitute a special fund from which the Board for Lease is hereby authorized and directed to defray the expenses of the sale, including the payment for the services of the auctioneer crying the sale, and for the payment of the general operating expenses in geologizing, oil field supervision, and auditing oil and gas production of University Lands, including salaries and traveling expenses of persons employed by the Board of Regents of The University of Texas for said purposes; provided the Board for Lease is also hereby authorized to direct the Comptroller of The University of Texas to transmit to the State Treasurer for deposit to the credit of the Permanent University Fund any unexpended balances remaining in said special fund after reserving a sufficient amount therein for the payment of current expenses as set out herein. The highest successful bidder shall pay to the Commissioner of the General Land Office on the day said bid is accepted the full amount of bonus bid and the fee to defray the expenses provided herein."

SEC. 2. The importance of the foregoing amendments to the present law authorizing the sale of oil and gas leases on University lands creates an emergency, and an imperative public necessity exists that the Constitutional Rule requiring bills to be read on three separate days in each House be, and the same is hereby suspended, and that this bill be placed upon the third reading and final passage and take effect from and after passage, and it is so enacted.

For Regents' Use

BUILDINGS AND GROUNDS COMMITTEE

Report

Approve _____ or Disapprove _____

Questions and Comments

THE UNIVERSITY OF TEXAS
AUSTIN 12

FOR ACTION OF
Regents
SEE MINUTES OF
SEP 21 1956

RECOMMENDATIONS TO REGENTS' BUILDINGS
AND GROUNDS COMMITTEE

September 12, 1956

1. RATIFICATION OF AWARD OF CONTRACT ON FINISH HARDWARE FOR R. O. T. C. BUILDING, MAIN UNIVERSITY.--The General Contract for the construction of the R. O. T. C. Building carried an allowance of \$11,000.00 for the Finish Hardware in the building. After advertising, bids were received in the Office of the Comptroller on August 1, 1956 for this finish hardware, as listed below:

Austin Hardware Company, Austin, Texas	\$8,600.00
Calcasieu Lumber Company, Austin, Texas	8,101.50.

Since the low bid was within the allowance, a contract was awarded to the low bidder, Calcasieu Lumber Company, in the amount of \$8,101.50, and a contract has been entered into between that company and the General Contractor, Southeastern Construction Company. It is recommended that the action of Comptroller Sparenberg in awarding this contract be ratified and approved by the Board.

2. AUTHORIZATION FOR CONSTRUCTION OF NEW POWER PLANT OFFICES, MAIN UNIVERSITY.--In connection with the Expansion of the Power Plant at the Main University previously authorized, it will be necessary to change the location of the offices which are now in the southwest corner of the present Power Plant building to the north end of this building. This change will involve closing in an area on the north side of the building which has been partially open, and will not involve any addition to the total area of the building. It has been estimated that the construction of these new offices, etc., will cost \$15,000.00. Plans for these offices, plus a laboratory room and a storage room, have been prepared by the Main University Physical Plant staff, and it is contemplated that all the work involved will be performed by this staff. The plans have been approved by the Comptroller's Office.

It is, therefore, recommended that these plans be approved by the Board and authorization given to proceed with the work involved, the total cost of the work not to exceed the \$15,000.00 estimated. It is further recommended that an account in this amount be set up to be entitled "Construction of Power Plant Offices, Laboratory, and Storage Room," the money needed to come from Account No. 91120 - Expansion of Power Plant.

3. IMPROVEMENTS AT UNIVERSITY JUNIOR HIGH SCHOOL, MAIN UNIVERSITY.-- In June of this year, a fire inspection report was received from Mr. W. L. Heaton, Fire Marshal of the City of Austin, which contained certain fire-safety recommendations with reference to University Junior High School at the Main University. These recommendations included the following:

1. Provide a fire escape from the south end of the Library area on second floor.
2. Provide a fire escape from the boys' gymnasium, south side.
3. Re-locate boilers and incinerator in a separate, fire-resistive building.

It is agreed that these recommendations are good ones and should be carried out as soon as money is available for this purpose. In fact, earlier recommendations by the Main University Physical Plant staff included a sum of \$60,000.00 for the year 1957-58 for improvements at University Junior High School, which included approximately the same recommendations made previously by Fire Marshal Heaton. It is believed now, however, that these improvements should be made as quickly as possible, particularly in view of the extra load the building must carry for some time, due to the Allan Junior High School fire.

The sum of \$61,400.00 was appropriated out of Available University Fund some time ago for Replacing Expansion Devices in Underground Steam and Water Systems; this amount has never been spent, since it was deemed advisable to complete the plans for the expansion of the power plant before beginning this particular work in the underground systems. It is, therefore, recommended that Account No. 91020 - Replacing Expansion Devices in Underground Steam and Water Systems in the amount of \$61,400.00 be lapsed to the Available University Fund Unappropriated Balance, and that out of this unappropriated balance the sum of \$60,000.00 be appropriated to an account to be entitled "Improvements at University Junior High School." It is contemplated that this amount of money not only will cover the recommendations made by Fire Marshal Heaton but will also cover the purchase of new steam generating equipment and a new incinerator to be housed in the separate building to be constructed.

It is further recommended that authorization be given to the Physical Plant staff to proceed with the preparation of plans and specifications on the projects listed above, with authority to Comptroller Sparenberg to approve these plans and specifications and to advertise for bids. After receipt of bids, they will be presented to the Board for award of contracts.

4. MAJOR REPAIRS TO ROOFS OF GREGORY GYMNASIUM, SUTTON HALL, PEARCE HALL, ENGINEERING BUILDING SHOPS, AND HOGG AUDITORIUM, MAIN UNIVERSITY.--At the Regents' Meeting held April 6, 1956, an appropriation of \$231,000.00 for Major Repairs and Rehabilitation Projects at the Main University was approved, with the understanding that the projects involved were to be itemized later. Preliminary plans and outline specifications have now been prepared by the Main University Physical Plant staff for the Replacement of the Gregory Gymnasium roof and the replacement of the Sutton Hall roof, at estimated costs of \$60,000.00 and \$45,000.00 respectively. It is recommended that the Board

approve these preliminary plans and outline specifications and authorize the preparation of detailed plans and specifications by the Main University Physical Plant staff, with authority to Comptroller Sparenberg to approve these detailed plans and specifications and advertise for bids thereon. It is contemplated that the bids will be presented to the Board of Regents for award of contracts at a later meeting, and it is recommended that no specific amounts of money for these projects be appropriated until the bids have been received and the exact costs are known.

It is further recommended that authorization be given to the Main University Physical Plant staff to proceed with plans and specifications for the projects listed below, to be paid out of the \$231,000.00 appropriation referred to above, and that specific appropriations be set up in the amounts indicated:

Project	Estimated Cost
Replacement of Pearce Hall Roof	\$20,000.00
Replacement of Engineering Building Shops Roof	13,100.00
Replacement of Hogg Auditorium Roof	6,500.00

Since the Pearce Hall project has an estimated cost of \$20,000.00, it is contemplated that this project will be handled through the Comptroller's Office, and it is recommended that Comptroller Sparenberg be given authority to approve the plans and specifications after they have been prepared and to advertise for bids, with the bids to be presented to the Board forward of a contract.

Since the last two listed projects have an estimated cost of less than \$20,000.00 each, it is recommended that the Main University Business Manager be authorized to approve the plans and specifications after they have been prepared and to advertise for bids and award contracts on these projects.

5. APPROVAL OF SPECIFICATIONS FOR NEW POWER GENERATING EQUIPMENT FOR EXPANSION OF POWER PLANT AT MAIN UNIVERSITY.--As a part of the Expansion of the Power Plant at the Main University, certain power generating equipment must be purchased. Specifications for this equipment have been prepared by the Main University Physical Plant staff, and it is recommended that the Board approve these specifications and authorize Comptroller Sparenberg to advertise for bids, the bids to be presented to the Board for award of a contract at the next meeting. The estimated cost of this new power generating equipment, including turbogenerator, condenser, pumps, other accessory and auxiliary equipment, and installation, is \$525,000.00, and it is recommended that this amount be set up out of the \$1,500,000.00 originally appropriated for Expansion of Power Plant by the Board at the meeting held July 8, 1955 (included in Available University Fund Budget for 1955-56).

6. RATIFICATION AND APPROVAL OF REQUISITIONS FOR CERTAIN MATERIALS IN CONNECTION WITH EXPANSION OF POWER PLANT AT MAIN UNIVERSITY.--In connection with the expansion of Power Plant facilities at the Main University for which an appropriation of \$1,500,000.00 was approved by the Board at an earlier meeting, it is necessary that certain equipment be purchased. Some of this equipment must of necessity be purchased from General Electric Company, since it is to be used with other equipment from this same manufacturer. This includes material and labor to convert eleven existing General Electric circuit breakers and additional switchgear to be interconnected with existing General Electric switchgear. Two purchase orders covering this material have been issued in the amounts of \$22,000.00 and \$74,752.28 respectively.

Bids were taken on six current limiting reactors needed, and the low bid was received from General Electric Company in the amount of \$19,808.00, and a purchase order has been issued to this company to cover this equipment.

It is recommended that the action taken by Comptroller Sparenberg in signing the requisitions covering the above purchase orders be ratified and approved by the Board, with the understanding that the money needed to cover these purchase orders comes from the \$1,500,000.00 appropriation referred to above.

7. AUTHORIZATION TO CONSULTING ARCHITECT TO PROCEED WITH PRELIMINARY PLANS FOR ADDITION TO POWER PLANT BUILDING AT MAIN UNIVERSITY.--One approval by the Board at an earlier meeting and recommendations for this meeting, if approved, for expenditures out of the \$1,500,000.00 appropriation for the Expansion of the Power Plant at the Main University will bring the total of approved appropriations and expenditures out of this appropriation to approximately \$687,000.00. It is also expected that specifications for the steam generating equipment will be ready to present to the Board for approval at the next meeting, after which, approvals for all the major expenditures out of this appropriation will have been obtained except for the addition to the building itself. It is felt that it is now time to begin work on the preliminary plans for this addition, which is estimated to cost \$255,000.00.

It is therefore recommended that Comptroller Sparenberg be authorized to notify the Consulting Architect, Page, Southerland, and Page, to proceed with preparation of preliminary plans for this project, and it is further recommended that an appropriation in the amount of \$255,000.00 be set up in an account entitled "Addition to Power Plant Building," the money to come from Account No. 91120, Expansion of Power Plant.

8. AUTHORIZATIONS TO CONSULTING ARCHITECT, ET AL, TO PROCEED WITH PLANS ON PROJECTS FOR WHICH APPROPRIATIONS HAVE ALREADY BEEN SET UP FOR 1956-57, MAIN UNIVERSITY.--At the Regents' Meeting held April 6, 1956, appropriations for various building projects were approved to be set up from the Available University Fund at September 1, 1956. On certain of these projects, it is deemed advisable to begin working on plans, and the following recommendations relating to these projects are made:

New Engineering Building.--It is recommended that Comptroller Sparenberg be given authority to instruct the Consulting Architect, Page, Southerland, and Page, to proceed with preparation of preliminary plans on the new Engineering Building. The appropriation for this building is \$1,250,000.00; the Faculty Building Committee has recommended that \$250,000.00 be added to this appropriation in 1957-58, but this additional appropriation has not yet, of course, been approved by the Board. After completion of these preliminary plans and approval by the Main University Faculty Building Committee and the proper administrative officials of the University, they will be presented to the Board for consideration and approval.

TV Addition to Radio House.--When the appropriation for this addition was approved, Consulting Architect Mark Lemmon was contacted to see whether he desired to prepare the preliminary plans for this project. Since it was a relatively small one, the total appropriation being \$75,000.00, the Consulting Architect stated that he did not wish to prepare these preliminary plans. It is, therefore, recommended that the Physical Plant staff of the Main University be authorized to proceed with preparation of preliminary plans for this project, to be presented to the Board for consideration and approval after approval of the Faculty Building Committee and the proper University officials.

Completion of Unfinished Areas on Third and Fourth Floors of Experimental Science Building (East End).--This project involves to a large extent the installation of built-in laboratory furniture and equipment and utilities therefor. Since a relatively small amount of construction work is included in this project, it is not deemed necessary to have the assistance of the Consulting Architect in connection therewith. It is therefore recommended that the Physical Plant staff of the Main University be authorized to proceed with the preparation of preliminary plans only for this project, the appropriation for which is \$200,000.00. After these preliminary plans have been completed and approved by the Main University Faculty Building Committee and the proper administrative officials of the University, they will be presented to the Board for consideration and approval. It is contemplated that an Associate Architect will be chosen later to prepare the working drawings and specifications.

9. RATIFICATION OF AWARD OF CONTRACT FOR TAYLOR "T" ROOM AT MAIN UNIVERSITY.--Pursuant to authorization given by the Board of Regents at the meeting held April 6, 1956, bids were called for and received in the Office of the Comptroller on September 11, 1956, as shown on the tabulation sheet. Consideration of the bids by the Comptroller and members of the Physical Plant staff of the Main University showed that by acceptance of several of the alternates included in the bids, the amount of the contract award could be brought within the amount of money available for the project. It is contemplated that the balance in Account No. 66940 after award of this contract will be used either by issuance of change orders to the contract or by reimbursement to the Main University Physical Plant Budget for work performed, in order to replace in part the work omitted by reason of acceptance of the deductive alternates listed below.

On the basis of authorization given by the Board at the April meeting, Comptroller Sparenberg has awarded a contract to the low bidder, Moore Construction Company, Austin, Texas, as follows:

Base Bid		\$34,267.00
Deduct Alternate No. 3	\$6,800.00	
Deduct Alternate No. 4	3,100.00	
Deduct Alternate No. 5	1,100.00	
Deduct Alternate No. 6	1,200.00	
Deduct Alternate No. 7	<u>575.00</u>	<u>12,775.00</u>
Total Contract Award		<u>\$21,492.00</u>

It is recommended that the action taken by the Comptroller as reported above be ratified and approved by the Board.

10. ACCEPTANCE OF THREE DORMITORIES AND CAFETERIA, LOUNGE, AND FACULTY HOUSING BUILDING AT MEDICAL BRANCH (INCLUDING ADDITION TO POWER PLANT).--On September 7, 1956, a final inspection was held at the Medical Branch on Unit B of Project Tex. 41-CH-11. Those making the final inspection were:

Messrs. Charles H. Sparenberg and William B. Saunders, representing Central Administration and the Comptroller's Office
 Dr. John B. Truslow, Messrs. E. D. Walker, Reuel S. Purvis, Hollis Hisey, Mauryce S. Samford, and Elmer T. Stephens, representing the Medical Branch
 Messrs. Cameron Fairchild, Sidney L. Martin, and Von Woglom of Cameron Fairchild and Associates, Associate Architect
 Mr. Charles H. Oehler, Architect's Superintendent on the Project
 Mr. Frank D. Kean, representing Mr. Mark Lemmon, Consulting Architect
 Messrs. John Hart and E. F. Kinser of Dale S. Cooper and Associates, Mechanical Engineers for the Architect
 Mr. M. C. Tullis of Southwestern Construction Company, General Contractor
 Mr. John Phillips, et al, of Straus-Frank Company, Mechanical Contractor

After the inspection trip, a "punch list" was compiled by the Architect of all items requiring attention before final payment should be made. It is hoped that the "punch list" will be completed by September 14, 1956, and the University is tentatively planning to accept the buildings and assume responsibility therefor on Monday, September 17, 1956.

It is recommended that approval be given to acceptance of the buildings and that final payment to all Contractors be authorized, when the Associate Architect certifies that all items on the "punch list" have been satisfactorily taken care of and completed.

11. REPORT ON FINAL ACCEPTANCE AND FINAL PAYMENT ON ADMINISTRATION BUILDING AT TEXAS WESTERN COLLEGE.--At the Regents' Meeting held June 1, 1956, a Special Committee, consisting of President Holcomb, President Wilson, Vice-President Dolley, and Comptroller Sparenberg, was appointed to make final acceptance of the Administration Building at Texas Western College and approve final payment therefor. On June 18, 1956, the following inspection party made a final inspection of this building:

Mr. Charles H. Sparenberg, Comptroller, The University of Texas
 Messrs. A. A. Smith, R. C. Fisk, and J. M. Whitaker, of the Texas
 Western College Building Committee for this building
 Messrs. R. V. Davis and J. L. Huff, representing Davis and Foster,
 Architect on the building
 Messrs. William D. Morgan and Ed Thompson, representing J. E. Morgan
 and Sons, General Contractor
 Mr. Elbert Crowe, Crowe Plumbing and Heating Company
 Mr. Bob Leahy, Minneapolis-Honeywell Regulator Company.

The building was found to be in good order except for a number of relatively minor items on which a "punch list" was prepared by the Architect. The Special Committee approved final acceptance of the building and final payment therefor as soon as the Architect certified that the items on the "punch list" had been completed. Copies of this Committee's report are on file in the Office of the Secretary of the Board of Regents, the President's Office, and the Comptroller's Office.

Under date of August 13, 1956, after certification by the Architect that the deficient items had all been corrected, a voucher covering final payment was drawn.

12. CORNERSTONE ON THE NEW ADMINISTRATION BUILDING AT TEXAS WESTERN COLLEGE.--
 There is located in the front vestibule or entry of the new Administration Building at Texas Western College a stone plaque or "cornerstone", which has not been approved by the Board of Regents in accordance with the usual procedure. The following is an exact listing of the names and titles shown on this stone plaque:

Center Caption:

Administration Building
 Texas Western College
 of The University of Texas

First column under center caption:

Dysart E. Holcomb
 President
 Texas Western College

J. E. Morgan and Sons
 Contractor

Second column under center caption:

Board of Regents
 Tom Sealy - Chairman
 Claude W. Voyles
 L. S. Oates
 Leroy Jeffers
 Lee Lockwood
 J. R. Sorrell
 Merton M. Minter
 Mrs. Charles Devall
 J. Lee Johnson III

Logan Wilson
 President
 The University of Texas

Third column under center caption:

Building Committee
 J. M. Whitaker - Chairman
 E. M. Thomas A. A. Smith
 C. A. Puckett R. C. Fisk

Davis and Foster
 Architects and Engineers

A. D. - 1956

At the request of President Logan Wilson, Dr. Holcomb has recommended that the listing of names, titles, etc., on the cornerstone now in place in the new Administration Building at Texas Western College be approved at the September, 1956 meeting by the Regents' Buildings and Grounds Committee and the Board of Regents.

OTHER MATTERS TO BE CONSIDERED BY THE
 REGENTS' BUILDINGS AND GROUNDS COMMITTEE

Consulting Architect's Contract.

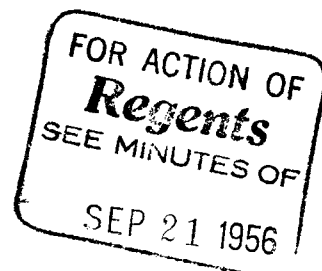
Union Building Expansion at Main University.

Award of Contract on Additions and Alterations to M. D. Anderson Hospital and Tumor Institute Building.

Proposal to Build "Cap Kidd Memorial Seismic Observatory" on Campus of Texas Western College.

On the following pages are:

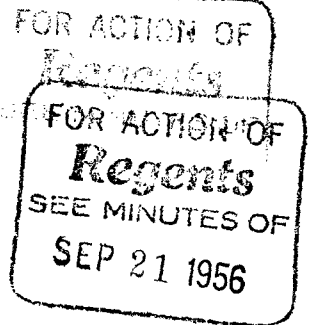
1. Contract with Mr. Mark Lemmon, dated 1948
2. Proposed contract with Page, Southerland, and Page



You have had a copy of each of these contracts, but they are included in this volume in case you need to refer to either of them at the September meeting.

THE UNIVERSITY OF TEXAS
OFFICE OF THE COMPTROLLER
AUSTIN 12

August 7, 1956



To the Members of the Board of Regents of
The University of Texas

Mrs. Devall and Gentlemen:

At the special called meeting of the Board of Regents, held in Austin, August 6, 1956, the proposed agreement between the Board of Regents of The University of Texas, Owner, and Page, Southerland, and Page, Consulting Architect, was presented by the Comptroller and Vice President Dolley and discussed briefly with those Regents present (Messrs. Sealy, Voyles, Lockwood, Jeffers, and Sorrell). The proposed new agreement with the Consulting Architect, covering the two-year period beginning September 1, 1956 and ending August 31, 1958, was prepared by the Comptroller and has been approved by Vice President Dolley and Page, Southerland, and Page.

Copies of the proposed agreement with Page, Southerland, and Page have been presented already to those members of the Board who were present at the special called session of August 6, 1956, and copies of this agreement are being sent with this letter to the other members of the Board.

In accordance with the instructions issued at this special meeting, we are also sending each of you herewith, for comparative purposes, a copy of the agreement between the Board of Regents and Mark Lemmon, Consulting Architect, dated the 30th day of October, 1948, which will be terminated at the close of business, August 31, 1956 in accordance with the action taken by the Board of Regents at the June 1, 1956 meeting.

Official consideration and/or approval is to be given to the proposed new Consulting Architect's contract by the Regents' Buildings and Grounds Committee and the Board as a whole at the next regular meeting of the Board, September 20, 21, and 22, 1956.

Very truly yours

C. H. Sparenberg
Charles H. Sparenberg
Comptroller

CHS:ms

Encl.

Copies to Dr. Logan Wilson
Dr. C. Paul Boner
Dr. James C. Dolley
Miss Betty Anne Thedford

AGREEMENT BETWEEN THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS, OWNER, AND MARK LEMMON, CONSULTING ARCHITECT

THIS AGREEMENT made the 30th day of October, A. D. 1948, by and between the BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS, Austin, Texas, hereinafter called the OWNER, and MARK LEMMON, of Dallas, Texas, hereinafter called the CONSULTING ARCHITECT.

WITNESSETH, that whereas the Owner intends in the course of time to erect certain buildings on the Campus of the Main University at Austin, Texas, and on the Campus of the Medical Branch at Galveston, Texas.

NOW, THEREFORE, the Owner and the Consulting Architect, for the considerations hereinafter named, agree as follows:

The Consulting Architect agrees to perform, for the buildings specifically authorized by Owner during the term of this agreement, professional services as hereinafter set forth.

The Owner agrees to pay the Architect for such services a fee of one per cent (1%) of the total cost of such buildings as may actually be constructed, exclusive of architect's fees, with other payments and reimbursements as hereinafter provided.

The parties hereto further agree to the following conditions:

1. Consulting Architect's Services. --The Consulting Architect's professional services under this contract shall be as follows:

- a. To advise the Board of Regents on all architectural questions which may arise in connection with the design and construction of all new structures of a permanent character at the Main University at Austin and at the Medical Branch at Galveston and on any other architectural questions which may be submitted to him by the Board of Regents, the President, or the Vice-President and Comptroller of the University;
- b. The general plan for development of the campus of the Main University (commonly called the Cret Plan) heretofore approved by the Board of Regents is hereby reaffirmed, and the Consulting Architect will be responsible for seeing that all permanent structures erected under his supervision shall in good faith conform to the design and spirit of such plan to the end that its harmony and symmetry may be preserved;

- c. When the construction of a new building or other structure is deemed advisable by the Board of Regents, it shall furnish the Consulting Architect general data concerning the proposed construction; and it shall thereupon be the duty of the Consulting Architect to prepare promptly preliminary studies (plans, elevations, sections, and preliminary exterior designs) and to consult with the Board of Regents and the appropriate officers and committees of the University (including especially the Vice-President and Comptroller and the building committees of the Faculty and the Board of Regents) until a satisfactory plan is developed;
- d. When a satisfactory plan shall have been developed, the Consulting Architect shall, after conference with the Vice-President and Comptroller, submit to the Board of Regents his written estimate of the cost of construction, furnishing, and providing utilities for the proposed structure; and no liability for further architectural services on such structure or for any phase of its construction shall be incurred until the Board of Regents shall have received from the Vice-President and Comptroller his written report disclosing funds available or definitely in prospect sufficient to defray in full the cost of such proposed structure with furniture, equipment, and utilities required for its beneficial use;
- e. When the provisions of the foregoing paragraph shall have been complied with, it shall be the duty of the Consulting Architect to assist and advise with the Board of Regents in the selection of an associate architect who shall perform, under the supervision and direction of the Consulting Architect, the services of an associate architect as hereinafter defined on the proposed structure;
- f. The Owner, acting with the advice and approval of the Consulting Architect, shall employ Associate Architects as occasion may require. Such Associate Architects shall be compensated in accordance with approved standards of their profession pursuant to agreements therefor between them and the Owner prior to the effective dates of their respective employments.
- g. Associate Architects shall work and cooperate fully with the Consulting Architect and shall, without reservation, follow the instructions, suggestions, and requirements of the Consulting Architect and shall make the plans, specifications, conditions, plats, designs, and drawings conform in all details to the suggestions, requirements, and orders of the Consulting Architect.
- h. The Associate Architects shall develop and prepare contract plans and specifications based on the approved preliminary studies prepared by the Consulting Architect.
- i. The Associate Architects shall prepare all contract documents and assist the Consulting Architect in the receipt of bids.

- j. During construction the Associate Architects shall check all shop drawings, prepare all full-size details required, furnish all supervision necessary to make certain that the structure is completed in strict compliance with plans, specifications, and orders therefor, and generally perform all services customarily required of associate architects under similar conditions.
- k. On completion of each structure it shall be the duty of the Consulting Architect to file with the Board of Regents his written report certifying such completion and recommending acceptance of such structure by the Board of Regents;
- l. It is not contemplated that the Consulting Architect shall have jurisdiction over or be charged with responsibility for plant repair or remodeling currently under the jurisdiction of the Vice-President and Comptroller, but the Vice-President and Comptroller may, whenever in his judgment the best interests of the University will be served by so doing, call upon the Consulting Architect for such services as he may deem necessary; and the Consulting Architect shall in such case perform such services on the same basis of compensation as elsewhere herein provided for his services.
- m. In the event the Owner shall have occasion to employ the Architect for the performance of services not covered by this contract a separate agreement defining such services and providing compensation therefor shall be negotiated and completed between the Owner and the Architect before such services are undertaken.
2. Office Space. --It is contemplated that the Consulting Architect will continue at his own expense to maintain his principal office in Dallas, Texas. The Owner shall, however, furnish the Consulting Architect such office space and office equipment at the Main University and at the Medical Branch as may from time to time be required for the prompt and efficient discharge of his duties under this contract, but the Consulting Architect shall provide at his own expense all personnel needed for the complete and prompt performance of all services required of him hereunder.
3. Payment. --The fee, one per cent (1%) of the cost of each completed building, shall be paid as follows:
- a. One-half of the fee on approval by the Owner of the preliminary studies.
 - b. Three-fourths of the fee upon completion and acceptance by the Owner of specifications and working drawings, less previous payments.
 - c. The full amount of the fee at the completion of the building, less previous payments.

d. It is agreed that prior to the actual award of construction contracts, the fees to be paid hereunder will be based upon the amount tentatively allotted by the Owner for the building concerned.

e. On the last day of November, 1948, and on the last day of each month thereafter, the Owner shall pay the sum of \$900.00, as an advance payment to be applied on fees to accrue hereunder. In the event that upon termination of this agreement the aggregate amount of advance payments shall exceed the aggregate amount of fees accrued, then and in that event the amount of such advances so paid shall be considered as the fee due and payable hereunder.

f. All trips authorized by the Owner shall be reimbursed to the Consulting Architect at the actual cost of transportation and expenses of meals and lodging incurred by him.

4. Termination. -- This contract may be terminated by either party upon sixty days written notice to the other party. Upon termination, the Consulting Architect shall be entitled to payment of fees hereunder on the following bases:

a. As to those buildings authorized under this agreement and upon which the working drawings have been accepted by the Owner, the full amount of the fee.

b. As to those buildings authorized under this agreement and upon which the working drawings have not been completed and accepted by the Owner but upon which the preliminary studies have been approved by the Owner, the amount of the fee due and payable shall be one-half of one per cent of the cost of the building based on the Owner's tentative allotment for the building.

c. As to those buildings authorized under this agreement and upon which the preliminary studies have not been approved by the Owner, the amount of the fee shall be determined by mutual agreement of the parties hereto, provided that at the option of either party the question of the amount of the fee shall be submitted to arbitration.

The Owner and Consulting Architect hereby agree to the full performance of the covenants contained herein.

IN WITNESS WHEREOF they have executed this agreement, the day and year first above written.

Attest:

THE BOARD OF REGENTS OF
THE UNIVERSITY OF TEXAS, OWNER

Secretary

By _____
Chairman

MARK LEMMON, CONSULTING ARCHITECT

Witness

By _____

SECOND DRAFT
September 13, 1956

AGREEMENT BETWEEN THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS,
OWNER, AND PAGE, SOUTHERLAND, AND PAGE, CONSULTING ARCHITECT

THIS AGREEMENT made the 1st day of September, A. D., 1956, by and between the BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS, Austin, Texas, hereinafter called the OWNER, and PAGE, SOUTHERLAND, AND PAGE, a co-partnership composed of Louis C. Page, Louis F. Southerland, Jr., and George M. Page, of Austin, Texas, hereinafter called the CONSULTING ARCHITECT,

WITNESSETH, that whereas the Owner intends in the course of time to erect certain buildings on the campuses of the six major component institutions of The University of Texas System, as listed below, and desires to have prepared and studied campus development plans therefor,

NOW, THEREFORE, the Owner and the Consulting Architect, for the considerations hereinafter named, agree as follows:

The term of this agreement is for the two-year period beginning September 1, 1956 and ending August 31, 1958.

The component institutions of The University of Texas System covered by this agreement include: the Main University at Austin, the Medical Branch at Galveston, the M. D. Anderson Hospital and Tumor Institute at Houston, the Dental Branch at Houston, the Southwestern Medical School at Dallas, and the Texas Western College at El Paso.

The Consulting Architect agrees to perform, for the institutions named, professional services as hereinafter set forth, and the Owner agrees to pay the Consulting Architect for such services certain fees, together with other payments and reimbursements, as hereinafter provided.

The parties hereto further agree to the following conditions:

A. CONSULTING ARCHITECT'S SERVICES ON NEW CONSTRUCTION

The Consulting Architect's professional services under this section shall be as follows:

1. To advise the Board of Regents, the President, the Comptroller, and the Administrative Officers and Faculty Building Committees of the six component institutions named, on architectural questions which may

arise in connection with the design and construction of new structures of a permanent character at these institutions, and on any other architectural questions which may be submitted to the Consulting Architect by the Board of Regents, the President, or the Comptroller of the University.

2. When the construction of a new building (or the construction of some other structure on which the Board of Regents desires the services of the Consulting Architect) is deemed advisable by the Board of Regents, the Owner shall furnish, through the Comptroller, to the Consulting Architect general data concerning the proposed construction, such as an up-to-date topographical survey and plat of the area involved, preliminary sketches or schematic drawings prepared by the University staff, etc.; it shall thereupon be the duty of the Consulting Architect to prepare as promptly as possible preliminary studies (including site or plot plans of the area involved, floor plans, sections, elevations, preliminary exterior designs, and outline specifications covering, in general, site work, materials, structure, equipment, and mechanical systems) and estimates of the probable cost of the work. During the preparation of the preliminary studies, the Consulting Architect shall consult with the appropriate officers and committees of the University, including particularly the Regents' Buildings and Grounds Committee, the Comptroller, and the Faculty Building Committees of the various institutions involved, but also including when necessary the President's Office and the Executive Heads and Business Managers of the component institutions; such studies shall be revised, changed, or restudied until a satisfactory solution is developed, and final preliminary plans have been approved and accepted by the Owner.

3. It is contemplated that the Consulting Architect's services shall be performed (1) on all new buildings specifically authorized by the Owner during the term of this agreement and (2) on additions to existing buildings and permanent improvements other than buildings, authorized during the term of this agreement, only when specifically authorized in each case by the Board of Regents; it is not contemplated that the Consulting Architect shall have jurisdiction over, or be charged with the responsibility for, projects properly classified as repair or remodeling projects, as distinguished from additions to existing structures; repair and remodeling projects shall be handled by the University staff under existing Regents' Rules and Regulations; the Comptroller and other proper administrative officials, however, may call upon the Consulting Architect for advice in such matters a reasonable number of times during the term of this agreement.

4. When satisfactory preliminary studies and plans have been developed, the Consulting Architect shall submit, through the Comptroller, to the Regents' Buildings and Grounds Committee and to the Board of Regents his written estimate of the cost of constructing, furnishing, and providing utilities for the proposed structure, including the necessary site work and/or landscaping; and no liability for further architectural services on such structure or any phase of its construction shall be incurred until the Board of Regents has received from the Comptroller and the President their report disclosing funds available in appropriations already made or recommending the source of additional funds if needed, sufficient to defray in full the cost of such proposed structure with furniture, equipment, utilities, and site work required for its beneficial use.

5. When the provisions of the foregoing paragraph shall have been complied with, it shall be the duty of the Consulting Architect to assist and advise with the Comptroller, the President, and the Board of Regents in the selection of an Associate Architect who shall perform, under the supervision and direction of the Consulting Architect, the services of an Associate Architect as hereinafter defined on the proposed structure.

6. The Owner, acting with the advice and recommendations of the Consulting Architect, the Comptroller, and the President, shall employ Associate Architects as occasion may require. Such Associate Architects shall be compensated in accordance with approved standards of their profession, subject to the requirements of the State Legislature, pursuant to agreements therefor between them and the Owner prior to the effective dates of their respective employments.

7. The Associate Architect shall work and cooperate fully with the Consulting Architect and shall follow the instructions, suggestions, and requirements of the Consulting Architect, and shall make the plans, specifications, conditions, plats, designs, and drawings conform in all details to the suggestions and requirements of the Consulting Architect. During the preparation of working drawings and specifications, during the preparation of full-size details, and later during the construction period, the services of the Consulting Architect shall be available to the Associate Architect, as well as to the Comptroller and to the Faculty Building Committees, for criticism, advice, or explanations needed, particularly for the interpretation of the preliminary studies.

8. The Associate Architects shall develop and prepare contract plans and specifications, based on the approved preliminary studies prepared by the Consulting Architect.

9. The Associate Architect shall prepare all contract documents; both the Associate Architects and the Consulting Architect shall assist the Comptroller in the tabulation and study of bids.

10. During construction the Associate Architect shall check all shop drawings, prepare all full-size details required, furnish all supervision to make certain that the structure is completed in strict compliance with plans and specifications and orders therefor, and generally perform all services customarily required of Associate Architects under similar conditions. Change orders shall be prepared by the Associate Architects and shall be approved also by the Executive Head of the institution involved, the Consulting Architect, and finally by the Comptroller acting for the Board of Regents.

11. On completion of each structure it shall be the duty of the Consulting Architect to file with the Comptroller his written report certifying such completion and recommending acceptance of such structure by the Board of Regents.

12. It is understood and agreed that, during the term of this agreement, the firm of Page, Southerland, and Page will not be engaged by the Owner as Associate Architect on any project. In the event the Owner shall desire to employ the Consulting Architect for the performance of services not covered by this contract, a separate agreement defining such services and providing compensation therefor shall be negotiated and completed between the Owner and the Consulting Architect before such services are undertaken.

13. Payment for the Consulting Architect's Services on New Construction.--The Owner agrees to pay the Consulting Architect for such services a fee of 1% of the total cost of such buildings and other permanent improvements as may actually be authorized under the terms hereof, exclusive of architects' fees and movable furniture and equipment, but including the cost of the structural and mechanical contracts and all built-in furniture and equipment. This fee shall be paid as follows:

a. One-half on approval by the Owner of preliminary studies.

b. An additional one-fourth when the contracts for the construction of the building are let, or sixty days after acceptance by the Owner of working drawings and specifications, if construction contracts are not let within that period.

c. The final one-fourth on completion and acceptance by the Owner of the building.

d. It is agreed that prior to the actual award of construction contracts, the fees to be paid hereunder, will be based upon the estimated construction cost, not including the estimated amounts for architects' fees and movable furniture and equipment, all within the amount appropriated by the Owner for the building concerned.

e. Traveling expenses for work done under this section of this agreement shall be reimbursed to the Consulting Architect only for those trips outside of the State of Texas which are authorized by the Owner. The reimbursement to the Consulting Architect shall be at the actual cost of transportation or seven cents per mile for the use of private automobiles when a common carrier is not used and actual expenses of meals and lodging, up to a limit of Twelve Dollars (\$12.00) per day.

B. CONSULTING ARCHITECT'S SERVICES ON CAMPUS DEVELOPMENT PLANS

1. Services.--The Consulting Architect shall prepare, for each of the six component institutions covered by this agreement, a campus development plan, including plot plans, sketches, and written reports, to be used as general plans of development of the grounds and buildings for each institution. It is contemplated that such campus development plans will show both the present situation and contemplated future development in placing of buildings at the time each plan is prepared. In regard to the preparation of a development plan for the Campus of the Main University at Austin, statements made in regard to the Cret Plan in paragraph A-2 of this agreement apply also to this section. The purpose of these plot plans and accompanying documents is to determine as nearly as possible the location of future buildings, walks, drives, and other improvements without attempting to define too closely the appearance of the buildings.

In preparing these campus development plans, the Consulting Architect shall consult, at whatever length is necessary or desirable, with all properly concerned officials of the University, including particularly the Regents' Buildings and Grounds Committee, the President and Vice Presidents, the Comptroller, and for the various component institutions involved: the Faculty Building Committee, the Executive Head, and the Business Manager.

It is contemplated that after the new campus development plan for each component institution is prepared, the Consulting Architect will maintain a continuing study of said development plan, and recheck and revise each such campus development plan, after it is completed, at least once each twelve months during the term of this agreement.

2. Payment.--For his professional services on these campus development plans, the Consulting Architect's fee shall be computed and paid as follows:

a. The actual cost of salaries and materials for this work plus one hundred per cent of the cost of these items for overhead, remuneration of principals, and profit; invoices covering these services are to be presented for payment at the end of each three-months period during the term of this agreement.

b. Traveling expenses for all trips authorized by the Owner for work done under this section shall be reimbursed to the Consulting Architect at the actual cost of transportation when a common carrier is used and seven cents per mile when privately owned automobiles are used, plus actual expenses of meals and lodging on such trips, with a maximum limit of nine dollars (\$9.00) per day for trips within the State of Texas and twelve dollars (\$12.00) per day for trips outside the State of Texas.

c. It is understood and agreed that the maximum fee including traveling expenses, for all services rendered in connection with the preparation and continuing study of these campus development plans, during the term of this agreement, shall not exceed Ten Thousand Dollars (\$10,000.00) for the first twelve months and Seven Thousand Five Hundred Dollars (\$7,500.00) for the second twelve months during the term of this agreement.

C. OFFICE SPACE

The Owner shall furnish the Consulting Architect such office space as may from time to time be required for the prompt and efficient discharge of his duties under this contract, at the component institutions outside of Austin only, but the Consulting Architect shall provide at his own expense all personnel needed for the complete and prompt performance of all services required of him hereunder.

D. TERMINATION

This contract may be terminated by either party upon thirty days' written notice to the other party. Upon termination, from whatever cause, the Consulting Architect shall perform services and shall be entitled to payment of fees hereunder on the following bases:

a. It is understood and agreed that on all projects on which the final preliminary plans have been approved by the Owner, the Consulting Architect shall perform all the services called for under this agreement, even though they are completed after the termination of this agreement, and shall be paid for such services as provided in Paragraph 13 of Section A hereof.

b. As to those buildings authorized under this agreement and upon which the preliminary studies have not been approved by the Owner, the amount of the fee shall be determined by mutual agreement of the parties hereto, provided that at the option of either party the question of the amount of the fee shall be submitted to arbitration, in accordance with Articles 224 to 238, inclusive, Revised Civil Statutes, Texas, 1925.

c. As to the Consulting Architect's services on campus development plans, the amount of the fee shall be the actual expenses incurred up to the time of termination, plus the percentage agreed upon, all as shown by Section B of this agreement.

The Owner and the Consulting Architect hereby agree to the full performance of the covenants contained herein.

IN WITNESS WHEREOF they have executed this agreement, the day and year first above written.

Attest:

THE BOARD OF REGENTS OF
THE UNIVERSITY OF TEXAS, OWNER

Secretary

By _____
Chairman

PAGE, SOUTHERLAND AND PAGE,
CONSULTING ARCHITECT

Witness

By _____