

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 338

April 5, 1967

A meeting of the Campus Planning Committee was held at 2:45 p.m. on April 5, 1967, in Room 120 of the Administration Building.

Members present were Chairman M. L. Pennington, Mr. E. J. Urbanovsky, and Mr. Nolan E. Barrick.

Other College staff members present were Mr. John G. Taylor, Miss Evelyn Clewell and Miss Jerry Kirkwood.

Mr. Howard Schmidt, Consulting Architect, was present.

Mr. R. C. Messersmith of Stiles, Roberts and Messersmith, Architects, and Mr. Berwyn Tisdell of Howard Schmidt and Associates, Architects, were present to discuss the Wiggins Complex, Phase II.

3655. Biology Building (CPC No. 99-65) (Pierce & Pierce, Architects)

It was agreed to recommend the acceptance of the final plans and specifications to the Building Committee of the Board of Directors at the April 7, 1967, meeting.

Dependent upon the approval of the Board of Directors, the following schedule will be maintained.

- | | |
|-------------------------|--|
| April 11, 1967 | - Submittal of final plans and specifications to the Department of Housing and Urban Development. |
| Early May, 1967 | - Dependent upon the approval of the Department of Housing and Urban Development and the Department of Health, Education and Welfare, issuance of plans and specifications to bidders. |
| May 31 and June 1, 1967 | - Receipt of bids (Has been approved by the Department of Housing and Urban Development) |
| June 3, 1967 | - Request Board approval to award a construction contract. |

3656. Central Heating and Cooling Plant (CPC No. 105-66)
(Zumwalt & Vinther, Inc., Engineers)
(Pitts, Mebane, Phelps and White, Architects)

The Campus Planning Committee recommended that Zumwalt & Vinther, Inc. be authorized to begin the construction phase of the mechanical and electrical work, in keeping with the terms of the existing contract, and that Mr. J. T. Worley of Zumwalt & Vinther, Inc., continue to be responsible for the project in keeping with the original agreement.

3657. Student Union Building

Snack Bar

It was recommended that Mr. Howard Schmidt, Consulting Architect, be authorized to coordinate the renovation of the snack bar area. This work would fall under Article I, Section B and Section D, and Article II, Section B of his contract.

3657. Student Union Building (Cont'd)

The Campus Planning Committee also recommended that Mr. Jack Evans be consulted regarding the interior decoration and Mr. Arthur W. Dana as the food service consultant, both services to be considered based upon the fees required.

3658. Wiggins Complex, Phase I (CPC No. 97-65)
(Schmidt and Stiles, Roberts and Messersmith)

Paving of the Temporary Parking Area and the New Street North of the Complex

Mr. M. L. Pennington and Mr. John G. Taylor will study the means for financing the paving under a separate contract.

The architects proposed that Mr. A. C. Bowden be their consulting engineer for the project. The Campus Planning Committee accepted the proposal.

3659. Wiggins Complex, Phase II (CPC No. 114-67)
(Schmidt and Stiles, Roberts and Messersmith)

1. Architects' Presentation of the Revised Schematic Phase

The architects had been asked to study the possibility and practicality of the inclusion of a snack bar and kitchen area in each of the towers.

Based upon the analyzation of Mr. Arthur W. Dana, food consultant for Phase I, and the housing staff, it was recommended that each tower contain a snack bar and kitchen area to be equipped during the initial construction.

The architects presented a schematic study which included an "access window" by which women residents could order foods from the kitchen as long as it might be open, although they would not be allowed in the snack bar area.

On recommendation of the Housing staff, it was agreed to follow the original plan which would not include the windows.

2. Food Consultant

It was recommended that Mr. Arthur W. Dana's services be continued under his original proposal by an amendment to his existing contract for Phase I.

Jerry Kirkwood
 Coordinator

The meeting adjourned at 3:45 p.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

*Approved
enter separately*

AGENDA FOR THE JOINT MEETING
OF THE CAMPUS AND BUILDING COMMITTEE AND CAMPUS PLANNING COMMITTEE
TO BE HELD IN THE ANNIVERSARY ROOM OF THE STUDENT UNION BUILDING
APRIL 7, 1967

OK

3660. Administration Building Remodeling - (Basement - East Wing)

*approximation
part of
last lease -
ment*

OK
Consider authorizing Howard Schmidt, Consulting Architect, to do the architectural work for the remodeling as requested by President Murray under Article I, Section B and Section D and Article II, Section B of his contract.

3661. Biology Building (CPC No. 99-65) (Pierce & Pierce, Architects)

*Worley has
w/plan...
pung with
and construction
key to school HUD
+ app
ch for building
or June 3...
by 12/30/66*

OK
Consider ~~formal~~ approval of the final plans and specifications and ~~permission to~~ advertise for bids with a contract award recommendation to be made at June 3, 1967, Board meeting.

3662. Central Heating and Cooling Plant (CPC No. 105-66)
(Zumwalt & Vinther, Inc., Engineers)
(Pitts, Mebane, Phelps and White, Architects)

OK
AUTHORIZED
Consider the recommendation that Zumwalt & Vinther, Inc., ~~be~~ authorized to begin the construction phase of the mechanical and electrical work in keeping with the terms of the existing contract and that Mr. J. T. Worley, of Zumwalt & Vinther, Inc., continue to be responsible for the project, in keeping with the original agreement.

3663. Financing

*informational report -
New bills & status of each -
in Finance Comm. file.*

3664. Funds Available

(*same schedule*)
informational report

3665. Housing

Thompson, Gaston, Wells and Carpenter Halls

These dormitories have not been repainted since their completion in 1957.

Consider the recommendation that the halls be repainted, damaged vinyl wall covering be replaced, and acoustical ceiling tile be installed in the four basement TV Lounges for a total estimated cost of \$52,578.00.

The Department of Building Maintenance will accomplish part of the work at an estimated cost of \$6,278.00 which is included in the above total cost.

Also, please consider the recommendation that plans and specifications be issued the latter part of April for bids to be received in May of 1967.

As work needs to begin on June 1, 1967, in order to complete the job during the summer, please consider the method for awarding the contract prior to the meeting of the Board of Directors on June 3, 1967.

APPROVED THE RENOVATION OF
Consider the recommendation that Thompson, Gaston, Wells and Carpenter Halls be renovated during the summer, authorize the taking of bids, and authorize the Building Committee to approve a contract award between meetings.

ed
3666. Museum (CPC No. 65-61) (Associated Architects and Engineers of Lubbock)
(Stiles, Roberts & Messersmith and McMurtry & Craig)

Consider approval of rendering for inclusion in publicity brochure.

arch. B. of recent
approved the application
presented at the museum complex
as presented by the architect.

3667. Student Health Service Addition (CPC No. 111-67)

OK

~~Consider the recommendation that Mr. Howard Schmidt, Consulting Architect, be authorized to conduct a feasibility study prior to programming the facility.~~

Payment for such work would be under Article II, Section B of his contract.

Estimate fee
2.75 direct
labor costs if
any

3668. Student Union Building

Addition (CPC No. 112-67)

~~Consider the recommendation that Mr. Schmidt be authorized to conduct a feasibility study prior to programming the facility.~~

Payment for such work would be under Article II, Section B of his contract.

OK

Snack Bar

~~Consider the recommendation that Mr. Schmidt be authorized to coordinate the renovation of the snack bar area. Work would fall under Article I, Section B and Section D, and Article II, Section B of his contract.~~

Estimate fee
2.75 direct
labor costs if
any

OK

Also consider retaining Mr. Jack Evans, Interior Designer, and Mr. Arthur W. Dana, Food Service Consultant, subject to a satisfactory agreement of their fees.

OK

3669. Tech Press

~~Consider authorizing~~ Mr. Howard Schmidt, Consulting Architect, to program the expansion of the facility, under Article I, Section B and Section D, and Article II, Section B of the existing contract.

The funds for the expansion are available and will be provided by the Tech Press.

OK

3670. Temporary Buildings - 1967 (CPC No. 113-67)

A need for eighteen buildings has been established, the sites have been determined, the approximate size for each is 30 feet wide by 80 feet long, and the most economical method to proceed is to construct those which cannot be obtained from surplus.

Est. Cost \$250,000, est. Bldg. Maint. Cost \$4.96

Last Time Estimated \$1.50 per sq. ft., cost \$3.58 (no cost for bldg.)

3671. Wiggins Complex, Phase II (CPC No. 114-67)

(Schmidt & Stiles, Roberts & Messersmith, Architects)

1. Architects' Fee

4.2% of construction cost which falls under the design and supervision by architects.

2. ~~Consider authorization~~ ^{AUTHORIZED} ^{PROJECT} the architects to begin the preparation of final plans and specifications.

OK

3. Food Consultant's Proposal

Work proposed to be done by Mr. Arthur W. Dana includes the review of the preliminary design and specifications in order to make better use of the latest equipment available and the usual trips necessary during the design and construction phases which would result in an addition to the existing contract in the estimated amount of \$4,881.00.

The added amount could be handled by an amendment to the existing contract.

The total contract price for Mr. Dana's services for Phase I and Phase II would be approximately \$31,381.00.

APPROVED the continuation of the services of Mr. Arthur W. Dana for Phase II.

OK

3671. Wiggins Complex, Phase II (Cont'd)

4. Names for Three Residence Halls

President Murray will make the request to the Board for the buildings to be named.

5. Schedule for Completion

Consider for approval the following schedule:

I. Programming - Schematics Phase

February 7 - March 22, 1967 - Request Campus Planning Committee review and approval of Schematic Phase.

II. Design Development Phase

April 1, 1967 - Request Campus Planning Committee review and approval of Design Development Phase.

April 7 and 8, 1967 - Request Board review and approval of Design Development Phase.

III. Final Plans and Specifications

July 1, 1967 - Request review by Campus Planning Committee of final plans and specifications.

July 15, 1967 - Review of the Department of Housing and Urban Development of final plans and specifications.

August 15, 1967 - Request Campus Planning Committee review and approval of final plans and specifications.

August 25 and 26, 1967 - Request Board review and approval of final plans and specifications.

IV. Bid Period

September 15, 1967 - Issue Documents for bidding.

November 1, 1967 - Receive bids.

V. Construction Period

December 1, 1967 - Start Construction.

August 1, 1969 - Completion date.

*brought up
with Campus*

*Chairman to
appoint Comm.
3 towers &
Comm. Allg.*

OK

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 339

April 7, 1967

A meeting of the Campus and Building Committee of the Board of Directors and the Campus Planning Committee was held at 4:30 p.m. in the Anniversary Room of the Student Union Building.

Members of the Building Committee present were Mr. Harold Hinn, Chairman, Mr. Herbert Allen and Mr. C. A. Cash.

Other members of the Board of Directors in attendance were Mr. Roy Furr, Chairman, Mr. Alvin R. Allison, Mr. Retha R. Martin and Mr. J. Edd McLaughlin.

Members of the Campus Planning Committee present were Mr. M. L. Pennington, Chairman, Mr. E. J. Urbanovsky and Mr. Nolan E. Barrick.

Others present from the College were President Grover E. Murray, Dr. W. M. Pearce, Dr. S. M. Kennedy, Mr. J. Roy Wells, Mr. O. R. Downing, Mr. John G. Taylor, Mr. R. B. Price, Miss Evelyn Clewell and Miss Jerry Kirkwood.

Mr. Howard Schmidt, Consulting Architect, was present.

Mr. R. C. Messersmith of Stiles, Roberts and Messersmith, Architects, and Mr. E. Hoyse McMurtry of McMurtry and Craig, Architects-Engineers, were present to discuss the exterior design of the Museum Complex.

(The Board of Directors approved all actions by the Building Committee on April 8, 1967.)

3660. Administration Building Remodeling - (Basement - East Wing)

Authorized Mr. Howard Schmidt, Consulting Architect, to do the architectural work for the remodeling as requested by President Murray under Article I, Section B and Section D, and Article II, Section B of his contract.

3661. Biology Building (CPC No. 99-65) (Pierce & Pierce, Architects)

Approved the final plans and specifications and the advertising for bids with a contract award recommendation to be made at the June 3, 1967, Board meeting.

3662. Central Heating and Cooling Plant (CPC No. 105-66)

(Zumwalt & Vinther, Inc., Engineers)

(Pitts, Mebane, Phelps and White, Architects)

Authorized Zumwalt & Vinther, Inc., to begin the construction phase of the mechanical and electrical work in keeping with the terms of the existing contract with Mr. J. T. Worley to continue to be responsible for the project, in keeping with the original agreement.

3663. Financing

Heard an informational report on the four bills before the Legislature which affect the financing of the building program and affect the Skiles Act, Building Use Fee, Utility Plant and Refunding of Constitutional Tax Bonds.

3664. Funds Available

An informational report was presented and is attached.
(Attachment No. 717, page 4005)

3665. HousingThompson, Gaston, Wells and Carpenter Halls

Approved the renovation of Thompson, Gaston, Wells and Carpenter Halls during the summer, authorized the taking of bids, and authorized the Building Committee to approve a contract award between meetings.

3666. Museum (CPC No. 65-61) (Associated Architects and Engineers of Lubbock)
(Stiles, Roberts and Messersmith & McMurtry and Craig)

Approved the exterior design of the Museum Complex as presented by the architects.

3667. Student Health Service Addition (CPC No. 111-67)

Authorized Mr. Howard Schmidt, Consulting Architect, to conduct a feasibility study prior to programming the facility. Payment for such work would be under Article II, Section B of his contract.

3668. Student Union BuildingAddition (CPC No. 112-67)

Authorized Mr. Howard Schmidt to conduct a feasibility study prior to programming the facility. Payment for such work would be under Article II, Section B of his contract.

Snack Bar

Authorized Mr. Howard Schmidt, Consulting Architect, to coordinate the renovation of the snack bar area. Work would fall under Article I, Section B and Section D, and Article II, Section B of his contract.

Approved the retaining of Mr. Jack Evans, Interior Designer, and Mr. Arthur W. Dana, Food Service Consultant, subject to a satisfactory agreement of their fees.

3669. Tech Press

Authorized Mr. Howard Schmidt, Consulting Architect, to program the expansion of the facility under Article I, Section B and Section D, and Article II, Section B of the existing contract. Funds for the expansion are available and will be provided by the Tech Press.

3670. Temporary Buildings - 1967 (CPC No. 113-67)

The informational report was given that the need has been established for 18 buildings, the sites have been determined, the approximate size for each is to be 30 feet wide by 80 feet long, and the most economical method to proceed is to construct those which cannot be obtained from surplus.

3671. Wiggins Complex, Phase II (CPC No. 114-67)
(Schmidt & Stiles, Roberts & Messersmith, Architects)

1. Authorized the project architects to begin the preparation of final plans and specifications.

2. Food Consultant's Proposal

Approve the continuation of the services of Mr. Arthur W. Dana for Phase II at an additional estimated cost of \$4,881.00.

3. Names for Three Residence Halls

Dr. Murray had presented a request to the Executive Committee of the Board for the three towers and the Commons Building to be named.

3671. Wiggins Complex, Phase II (Cont'd)4. Schedule for Completion

Approved the following schedule:

I. Programming - Schematics Phase

February 7 - March 22, 1967 - Request Campus Planning Committee review and approval of Schematic Phase.

II. Design Development Phase

April 1, 1967 - Request Campus Planning Committee review and approval of Design Development Phase.

III. Final Plans and Specifications Phase

July 1, 1967 - Request review by Campus Planning Committee of final plans and specifications.

July 15, 1967 - Review of the Department of Housing and Urban Development of final plans and specifications.

August 15, 1967 - Request Campus Planning Committee review and approval of final plans and specifications.

August 25 and 26, 1967 - Request Board review and approval of final plans and specifications.

IV. Bid Period

September 15, 1967 - Issue documents for bidding.

November 1, 1967 - Receive bids.

V. Construction Period

December 1, 1967 - Start construction.

August 1, 1969 - Completion date.

M. L. Pennington
Chairman

The meeting adjourned at 5:55 p.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

4005

Campus Planning Committee
April 7, 1967
Attachment No. 717
Item No. 3664

Present and Proposed Building Program
(Does Not Include Auxiliary Enterprise Projects)

April 6, 1967

Estimated Total Funds Available

1958-66 Constitutional Tax Funds	\$ 1,500,000
1966-68 Constitutional Tax Funds	10,730,000
Interest on Investment of Tax Funds	383,000
Possible Proceeds from Skiles Act Bonds	2,510,000
Possible Proceeds from Building Use Fee Bonds	2,510,000
Possible Proceeds from Power Plant Revenue Bonds	4,360,000
Approved Facilities Act Funds	5,140,435
Possible Additional Facilities Act Funds	<u>1,500,784</u>

Estimated Total Funds Available

\$ 28,634,219

Building Projects

	Project Total	Accumulative Total
Previously Completed or Near Completion	\$ 449,668	\$ 449,668
Foreign Language-Mathematics	1,391,397	1,841,065
Heating and Cooling Plant	4,214,750(a)	6,055,815
Utility Extensions	1,137,651	7,193,466
Temporary Buildings	250,000	7,443,466
Business Administration	4,565,066	12,008,532
Museum	500,000	12,508,532
Law School	3,055,485	15,564,017
Biology	4,669,615	20,233,632
Chemistry	4,327,707	24,561,339
Architecture	4,414,653	28,975,992
Home Economics	<u>3,174,882</u>	<u>32,150,874</u>

\$ 32,150,874

(a) Plus \$225,105 included in Biology Project

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 340

April 19, 1967

A meeting of the Campus Planning Committee was held at 1:30 p.m. on April 19, 1967, in Room 120 of the Administration Building.

Members present were Chairman M. L. Pennington, Mr. E. J. Urbanovsky and Mr. Nolan E. Barrick.

Other College staff members present were Mr. John G. Taylor, Mr. O. R. Downing and Miss Jerry Kirkwood.

Mr. Howard Schmidt, Consulting Architect, was present.

The purpose of the meeting was to discuss the status of the Architecture and Allied Arts Facility, which has received the maximum Title I Grant in the amount of \$1,000,000 in connection with the introduction of a new College program which falls into the category of Art and poses the consolidation of the Department of Applied Arts in the School of Home Economics and the Allied Arts program, a part of the Department of Architecture and Allied Arts, in the School of Engineering.

It was felt that the financing and the site for the Law School requires special consideration at this time.

3672. Architecture and Allied Arts Facility (CPC No. 106-66)
(O'Neil Ford and Associates, Architects)

Since the building has been programmed as basically large, flexible laboratory type spaces, offices, and classrooms, with built-in expansion included, it was recommended that the only feasible thing to do is to proceed with the subsequent phases of the procedures toward the construction of the building.

The laboratory areas which were programmed for future growth can be occupied and feasibly used for instruction in the three basic arts, Advertising Art, Art Education and Studio Art. Programmed surplus offices can be utilized by those in these particular teaching fields.

The following items concerning the financing and planning will be forwarded to the project architects as the firm has been working with the Campus Planning Committee toward detailed considerations of the plans, based upon the very well prepared program and schematic plans contained in the application for matching funds.

1. The Applied Arts portion of the programmed application for the School of Home Economics will be provided the project architects.
2. The request will be made that the spaces contained in the building be designed such that the facility may be expanded to handle the requirements of all teaching elements therein, as funds become available, and
3. That the original budget figure be maintained as financing of the overall College needs is critical.

Because of the introduction of disciplines proposed to be included which had not been considered earlier in the site planning, based upon earlier studies requested of Mr. Schmidt the recommended site was reviewed.

3672. Architecture and Allied Arts (Cont'd)

By majority vote, the site south of the Business Administration Building, now under construction, was recommended.

The expansion of the facility at this site was discussed regarding the parking area adjacent to the site and the retainage of traffic consultants. It was decided that recommendations from the traffic consultants should be included in their analyzation regarding the overall campus plan.

3673. Law School (CPC No. 108-66) (Harrell & Hamilton, Architects)Site

Mr. Schmidt presented three site plans specifically representing the Law School site.

1. North-south orientation near the Physical Plant Building and west of Flint Avenue.
2. East-west orientation near 15th Street and west of Flint Avenue.
3. North-south orientation near 15th Street and west of Flint Avenue.

The Campus Planning Committee objected to the land coverage required by the configuration of the building and requested that the project architects be asked to study the relationships of areas within the building toward reaching a functional plan and less land coverage.

Mr. Schmidt stated that he and his firm believe, through research, that the three-level plan is the most functional plan, but agreed that the project architects should be requested to further study any possibilities for reducing the land coverage.

The Campus Planning Committee recommended that the site of the Law School be west of Flint Avenue and as far north toward the Physical Plant parking area as is possible and still avoid the future utility tunnel to the Biology Building. The location should also leave space which would allow for another building site in the area between 15th Street and the Physical Plant Building.

The program and schematic plans to be submitted to the project architects have been completed and distributed to the Campus Planning Committee members, those who sit with the committee, and Dean Amandes.

It was recommended that all receiving the program review and make specific comments. The project architects are also requested to review the project in order to further familiarize themselves with Tech and the program, but are to take no specific action until further notified.

Any comments from the College, to be directed to Mr. Pennington, shall be compiled and held before forwarding to the Project Architect, pending Board review of the financing of the project.

Mr. Schmidt also presented studies 1, 2, 3, and 4 and plot plans 'A', 'B', and 'C' which showed studies of sites for both the Law School and the Architecture and Allied Arts Facility.

3674. Naval Reserve Training Center (CPC No. 114-67)
(Atcheson, Atkinson and Cartwright, Architects)

The second scheme submitted by the architects was reviewed.

The Campus Planning Committee requested that the architects furnish the following additional information:

1. A roof plan indicating locations of any equipment, and
2. A list of areas which are air-conditioned and the type of air conditioning.

The consensus of opinion was that the vertical treatment should be restudied and perhaps this concept could be simplified.

It was felt that the fact that the pad deck and other equipment is exposed to the 4th Street view did not conform to the original intent of the Campus Planning Committee and the U. S. Navy to conceal these elements as much as is possible.

The Campus Planning Committee felt that it is of more importance that the building be compatible with the buildings in the immediate area rather than with the buildings on the campus proper.

It is understood that the U. S. Navy representatives are satisfied with the design as submitted; however, the architects are requested to restudy the design and submit their recommendations to the Campus Planning Committee for approval.

Jerry Kirkwood
Coordinator

The meeting adjourned at 3:20 p.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 341

May 5, 1967

A meeting of the Campus Planning Committee was held at 3 p.m. on May 5, 1967, in Room 120 of the Administration Building.

Members present were Chairman M. L. Pennington, Mr. E. J. Urbanovsky and Mr. Nolan E. Barrick.

Other College staff members present were Mr. John G. Taylor, Mr. O. R. Downing, Miss Evelyn Clewell and Miss Jerry Kirkwood.

Mr. Howard Schmidt, Consulting Architect, was present.

The purpose of the meeting was to review the report of the Campus Planning Committee subcommittee and the Chemistry Faculty Committee based upon the study of the schematic plans prepared by the Architects, Pitts, Mebane, Phelps and White, dated June 26, 1966.

3675. Chemistry Building Addition (CPC No. 87-64)
(Pitts, Mebane, Phelps and White, Architects)

It was agreed that the architects should be requested to resume their work on the project.

The following reflects the action recommended by the Campus Planning Committee and the direction which shall be given the architects.

1. Lecture Hall

A. Capacity

The plan should be restudied considering the capacity in the range of seating for 300 and designed primarily for use by the Department of Chemistry. However, use by other disciplines will be scheduled in order to obtain the maximum use of the space.

There will soon be two 500 capacity lecture halls in the vicinity and it is the recommendation of the Chemistry Faculty Committee, Space Coordinator and Campus Planning Committee that the size of the Chemistry lecture hall be reduced as there is a need for a hall with a capacity of less than 500 but more than the 200 to 240.

B. Location

It was strongly recommended that the lecture hall be relocated to achieve the maximum flexibility, and that the point or points of access and egress relate to pedestrian traffic expected from any discipline and not the Department of Chemistry only.

In connection with restudying the location of the lecture hall, adequate lobby area for the traffic flow at peak periods based upon the maximum capacity of the space will be considered to be sufficient.

Also, the study and relocation of the lecture hall indicates that the single loaded corridors at both west wings can be eliminated and all corridors may become double loaded as preferred.

3675. Chemistry Building Addition (Cont'd)

In view of the recommended changes in the schematic plan, care should be taken by the architects not to increase nor decrease the assignable square footage contained in the plans submitted with the applications for Titles I and II, by more than five percent (5%) of the total assignable square footage.

2. Utility Services to Laboratory and Demonstration TablesA. Research and Student Tables

It was recommended by the Campus Planning Committee that services enter overhead.

B. Demonstration Tables

It was recommended by the Campus Planning Committee that services enter from below. Services at a table, if required in the lecture hall, should enter from below.

The recommendation is based upon facts that the maximum flexibility is achieved and the original installation and maintenance is more economical.

This system is employed in industry as well as in academic and research facilities and is considered to be the best system toward maintaining the changing methods of instruction and the most advanced research.

Additional questions raised by the Chemistry Faculty Committee were considered and the following recommendations were made by the Campus Planning Committee.

1. Portable partitions in office areas are not desirable; however, the architects will be requested to study partition materials for all areas which feasibly lend themselves to maximum flexibility and possible changes in methods of operations in the future.

2. Faculty offices at research areas for graduate students should not be segregated.

Integration of these offices with the research laboratories offers direct and indirect supervision over work in the laboratories and achieves a safer operation.

3. The architects will be requested to recommend the aisle widths in various areas based upon the specific function of these areas to be submitted for review of the Campus Planning Committee and the Chemistry Faculty Committee.
4. The architects will be requested to provide an area or areas for "canned" programs to be presented on film or slides in order that applications of theories may be supplemented outside the laboratories. It is considered that the students will take advantage of this service and the presence of a faculty member will not be required.
5. The architects will be requested to restudy the location of the Biochemistry Laboratory regarding the function of the laboratory and related functions in other areas.
6. Undergraduate spaces should be located near entrances and/or exits as these spaces indicate the greatest number of students moving into and out of the building at specific times.

3675. Chemistry Building Addition (Cont'd)

The Campus Planning Committee, realizing that the schematic plans were prepared rapidly and under pressure in order to submit the applications for matching funds, recommended that during the restudy of the schematic plans, the architects plan for the maximum efficient use and flexibility of interior space, and the efficient land utilization for the first phase of construction with future expansion of both graduate and undergraduate needs in mind. In addition, the architects are requested to proceed with the Development of the building toward achieving the maximum economy without sacrificing function or design.

It was the unanimous opinion of the Campus Planning Committee that, with the above recommendations, the project should proceed rapidly in the best interest of the Chemistry Department and the overall building program.

Jerry Kirkwood
Coordinator

The meeting adjourned at 4:35 p.m.

BLDG. COMM. AGENDA + NOTES FOR EXPLANATION

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

AGENDA FOR THE JOINT MEETING
OF THE CAMPUS AND BUILDING COMMITTEE AND CAMPUS PLANNING COMMITTEE
TO BE HELD IN THE ANNIVERSARY ROOM OF THE STUDENT UNION BUILDING
June 2, 1967

3694. Biology Building (CPC No. 99-65) (Pierce & Pierce, Architects)

1. Revised Bid Dates

The Department of Housing and Urban Development did not receive the wage rates from Washington which must be included in the specifications or by addendum.

In addition, the approval to advertise for bids was delayed by one week and several prospective bidders submitted requests in writing for an extension of the bidding time.

Mr. Harold Hinn, Chairman of the Campus and Building Committee, approved the need to delay the receipt of bids and asked the Campus Planning Committee to determine new dates as soon as feasible.

The Department of Housing and Urban Development Field Engineer has concurred in the proposed bid dates of June 14 and June 15, 1967.

Consider the procedures for awarding the contracts as the receipt of bids has no relationship to a regularly scheduled Board meeting.

2. Tunnels and Utilities Extensions (Zumwalt & Vinther, Inc. Engineers)

The engineers are presently approximately 90 percent complete with the final plans and specifications.

The Campus Planning Committee had recommended that bids for the tunnel work not be taken until bids had been received for the Biology Building in order to better apply matching fund monies for the tunnel work.

It is now recommended that the tunnel work proceed as rapidly as possible to avoid an additive change order to the Central Heating and Cooling Plant and a possible ten-day shut down of utility services.

In addition, deliveries of expansion joints, piping and other appurtenances are critical, and reliable sources indicate that construction costs will rise sharply within the next year.

Consider the recommendation that bids be received as early in July, 1967, as is possible, and that the award of the contract be considered at the special budget meeting of the Board, in July, yet to be scheduled.

3695. Funds Available

3696. Housing

Thompson, Gaston, Wells and Carpenter Halls

In keeping with the approval of the Board of Directors at the last meeting, the following contracts were awarded for repainting work.

1. Thompson and Gaston Halls

Wardroup and Associates
\$22,879.00

2. Wells and Carpenter Halls

Jones Brothers Painting Contractors
\$23,569.00

The bid tabulation is attached for information.

3697. Textile Engineering Facility Addition

A request to provide an addition to the existing facility, estimated to cost approximately \$250,000.00, with additional equipment estimated at \$50,000.00, has been requested by Dean Bradford, submitted to and recommended by Dr. S. M. Kennedy, Vice President for Academic Affairs, under special conditions, and recommended by the Executive Committee for presentation to the Board of Directors through the Campus Planning Committee.

Consider the request for an expanded building program in textile research as prepared by Dr. Kennedy and approved by the Executive Committee.

A copy of the recommendation is attached.

STADIUM REPORT

REVIEW STEPS: 1, 2 & 3

AUTHORIZE MEANS TO PROCEED SOMEHOW?

BID TABULATION
 REPAINTING THOMPSON AND GASTON HALLS
 AND WELLS AND CARPENTER HALLS
 TEXAS TECHNOLOGICAL COLLEGE
 LUBBOCK, TEXAS
 MAY 9, 1967

9 Interested Parties

CONTRACTOR	BID SECURITY	BASE BID A	PLASTER PATCHING ALLOWANCE	PLASTIC WALL COVERING ALLOWANCE	BASE BID B	PLASTER PATCHING ALLOWANCE	PLASTIC WALL COVERING ALLOWANCE	BASE BID C	PLASTER PATCHING ALLOWANCE	PLASTIC WALL COVERING ALLOWANCE
W. R. Dean Company										
Jones Brothers Painting Contractors	X							\$24,790.00	\$1,000.00	\$ 600.00
H. M. Rinehart, Jr.								Deduct \$1,221.00 if Builders Risk Insurance is not required.		
Wardroup and Associates	X				\$22,879.00	\$1,000.00	\$1, 000.00			
					Add \$1,518.00 if Builders Risk Insurance is required.					

BASE BID A: For bidders desiring to be awarded
 the contract on both Thompson and
 Gaston Halls and Wells and Carpenter
 Halls.

BASE BID B: For bidders desiring to be awarded
 the contract on Thompson and Gaston
 Halls only.

BASE BID C: For bidders desiring to be
 awarded the contract on Wells
 and Carpenter Halls only.

TEXAS TECHNOLOGICAL COLLEGE

LUBBOCK, TEXAS 79409

Vice President
for
Academic Affairs

May 30, 1967

Dr. Grover E. Murray
President
Campus

Dear Dr. Murray:

I should like to request consideration by the Board of Directors of an expanded program in textile research. In view of self-financing efforts of the cotton farmers of the nation under the auspices of the National Cotton Council it appears possible to secure support for significant long-range study of cotton fiber.

I should like to propose:

- (1) An addition to the present facilities for textile research be built.
- (2) Additional equipment be purchased.
- (3) The Cotton Research Council, The South Plains Cotton Growers, The U.S.D.A., The Cotton Producers Institute, The National Cotton Council, and any other funding agencies be asked, through formal proposals, to provide funds both for the building and for the equipment.
- (4) The efforts to augment substantially the vital work in textile research be furthered in such a way as not to mitigate against other pressing needs for facilities in Engineering or elsewhere in the university.

Unusual opportunities such as the one upon which this letter is based do not arise frequently. I believe that the value of cotton to this region and to the nation coupled with the problems of declining markets and economic strictures combine to justify expeditious action.

Sincerely,

S. M. Kennedy
Vice President for
Academic Affairs

SMK:c

RECEIVED
TEXAS TECHNOLOGICAL COLLEGE

JUN 1 1967

Office of the
Vice President for Business Affairs

Difference between estimated funds
available and project costs

\$1,541,730

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

June 1, 1967

POSSIBLE ADDITIONAL TITLE I AND TITLE II GRANT FUNDS

<u>Project</u>		<u>Grant Received</u>	<u>Supplemental Application Maximum--\$1,500,000 or 1/3</u>	
Architecture \$4,414,653	I	\$1,000,000	\$ 471,551	1/3
Biology \$4,902,547	II I	551,014 (1/3) 324,207 (10%)	756,483	1/3
Chemistry \$4,327,707	II I	929,980 (1/3) -0-	<u>482,289</u>	1/3
			\$1,710,323	
Home Economics \$3,174,882	I	317,488 (10%)	740,806	1/3
				(May reprogram and reduce scope. If so, would return grant and refile.)
Possible total if Home Economics remains at same scope			<u>\$2,451,129</u>	
Possible alternate route on Home Economics refiled at \$1,900,000			\$ 634,976	1/3
Possible total with revised Home Economics Project			\$2,345,299	
Plus Law School, Title II \$3,055,485			<u>1,018,495</u>	1/3
			<u>\$3,363,794</u>	

Difference between estimated funds
available and project costs

\$1,541,730

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

June 1, 1967

Present and Proposed Building Program
(Does Not Include Auxiliary Enterprise Projects)

Estimated Total Funds Available

1958-66 Constitutional Tax Funds	\$ 1,500,000
1966-68 Constitutional Tax Funds	10,730,000
Interest on Investment of Tax Funds	383,000
Estimated Proceeds from Skiles Act Bonds	2,750,000
Estimated Proceeds from Building Use Fee Bonds	2,750,000
Estimated Proceeds from Heating and Cooling Plant Bonds	4,440,000
Approved Facilities Act Funds	4,822,947 (a)
Possible Additional Facilities Act Funds	<u>2,345,299 (b)</u>
Total	<u>\$29,721,246</u>

- (a) Does not include Home Economics Grant on supposition the project will be reprogrammed or withdrawn.
- (b) Maximum possible grants excluding Law School and a reprogrammed Home Economics Project at an estimated cost of \$1,900,000.

Building Projects

	<u>Project Total</u>	<u>Accumulative Total</u>
Previously Completed or Near Completion	\$ 491,847	\$ 491,847
Foreign Language-Mathematics	1,391,397	1,883,244
Heating and Cooling Plant	4,439,555	6,322,799
Utility Extensions	1,137,651	7,460,450
Temporary Buildings	250,000	7,710,450
Business Administration	4,565,066	12,275,516
Museum	500,000	12,775,516
Law School	3,055,485	15,831,001
Biology	4,669,615	20,500,616
Chemistry	4,327,707	24,828,323
Architecture	4,414,653	29,242,976
President's Home	65,000	29,307,976
Sheep and Goat Facilities	55,000	29,362,976
Home Economics (Reduced Scope)	<u>1,900,000</u>	<u>31,262,976</u>
Total	<u>\$31,262,976</u>	

Difference between estimated funds
available and project costs

\$1,541,730

~~Ind. Cal.~~

6-2-67

Responsibility attempts to take care of.

subject to legal approval to see
sure College has no legal liability.

Harold Harris

Criminal to go for yrs. & not do
anything for Eng. - poor planning,
poor everything, heading for
oblivion, called Greener & visited
2 or 3 times. Must bring matter
back into consideration not to do
anything.

Get out financial info. earlier -
for record -

Must do something for Eng. -
Katie checks, even better, & go
faculty - now as well developed as others,
fluid dynamics shortage, later periods
for faculty improvement, house - no shortage

Cum. back (H) with recommendations
for fluid dynamics for Engg.

Should have a list of needs -
1st grade approach best now -
(Long range planning) - strongly
urge that all be brought
together so that Board would
have it -

D.E.M. - putting together long
range plan now. Mr. Parker
is working on it now.

Have reports from all areas
on needs now, Bill. Use it.

Handled = $25'$ in arch - value about
 $50,000$ $25'$, go to Engg. yes, subject to
Miss Clemmell's approval by justification,
cost to remodel? depend on use,
pretty open space.

Location south of Bus ad.? yes.

Low school, several site

Need auto school? where will it go?

new arch, expandable? yes
no. of 2? Set in & give in to him
tomorrow - grass & net,

Thanks bldg. site for these blogs
should not be set until fine arts.

When Bnd. is presented with site location
for these, should have overall
pictures.

arch. - Bnd. has not appeared.

Need to stop over on science
and see Dr. M. Hoffmann
hit in.

Must not get ourselves ^{boxed} in.

Nash Reserve - Map has markings
check it for by land, no more

thought about it for land.

M. F. G.
file

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

FINANCE COMMITTEE

EXECUTIVE ROOM - STUDENT UNION

2:30 P.M. JUNE 2, 1967

1. Annuity Program for Faculty and Staff

Authorize the College to pay the future premiums, under IRS Code, Section 403(d) for new faculty and staff members for an annuity contract which had originally been purchased either by the employee or by a former employer of such employee, provided the insurance companies are licensed to do business in Texas. All new annuity contracts will continue to be written by the two approved companies, Southwestern Life Insurance Company and Massachusetts Mutual.

2. Student Insurance Program

Bids were publicly opened and read aloud at 10 a.m. on May 26, 1967, in keeping with the Board's authorization.

Consider the recommendation to award the contract to Mutual of Omaha for the fiscal year, 1967-1968, with an option to continue during the second year of the biennium.

3. Campus Concessions

Bids were opened and publicly read aloud at 3 p.m. on May 26, 1967, in keeping with the authorization of the Board.

Consider the following recommendations for awards:

	<u>Concession</u>	<u>Guarantee</u>	
		<u>1967-68</u>	<u>1968-69</u>
Coca-Cola Bottling Co.	Coca-Cola and Dr. Pepper	\$64,864.00	\$70,224.95
B & M Vending Co.	Candy, Peanuts, Chewing Gum, etc.	17,412.00	18,794.40
B & M Vending Co.	Cigarettes	3,293.48	3,293.48
B & M Vending Co.	Milk and Chocolate Milk	2,605.92	2,605.92
South Plains Vending Co.	Sandwiches	3,312.00	3,400.00

4. Utility Contract

Electricity

city
Bids were requested from the City of Lubbock and the Southwestern Public Service Company in keeping with the action of the Board at the last meeting.

Copies of the bids and the information submitted with the bids have been sent to all members of the Board of Directors. The rates are identical.

Consider a contract award for the next biennium.

5. Armored Car Service

OK
Consider the recommendation that the armored car service contract be continued for the next biennium with the Lubbock-Amarillo Armored Service, Inc., for a charge of \$75 per month for regular daily service, plus \$2 per call for extra stops.

6. Utility Plant Bill and Bonds

The bill has been passed by the Legislature, signed by the Governor and is effective immediately.

Procedures

Bond Counsel

The Board has approved Mr. Hobby McCall to serve as bond counsel.

Fiscal Agent

Provisions for Sale

1. Consider the recommendation that Mr. Sam Maclin of Russ & Company of San Antonio be engaged as the fiscal agent, subject to the development of acceptable fees after more is known of the amount, time schedule, etc.

points

2. Amount, Timing, Etc.

The total cost of the Utility Plant is \$4,440,000. There is a possibility that some matching funds may be obtained for the Utility Plant through the Biology Building and the Chemistry Building. There needs to be flexibility in the amount at the moment and suggest that approximately \$4,500,000 be set, subject to final developments.

It was considered essential to sell as soon as possible but it may be possible to delay a bit longer, depending on the overall financial structure, the bond market, etc.

*to be made
get a copy of the
quantity of the
in the building
notes. The amount
400,000.00*

6. Utility Plant Bill and Bonds (continued)

3. In order to sell the bonds it will be necessary to have an engineering report which probably can be prepared in a large measure from information on hand through Zumwalt & Vinther. In addition to the engineering information, the rates charged, the availability of funds for bond retirement, etc., would have to be developed.

7. Other Legislative Bills

A. Skiles Act

The bill has been passed by both Houses and is waiting for the Governor's signature.

Mr. Hobby McCall has been approved as the bond counsel, and Mr. John Clayton as the fiscal agent.

It is estimated that \$2,750,000 of bonds can be issued.

The present Skiles Act provides for 4 percent, 30-year bonds. Mr. Clayton feels that 4 percent bonds could not be sold on the market today. The bill is a 90-day bill, so it will be August 27, 1967, before the bill is effective. The sale probably would be made this fall at the October 14, 1967, meeting of the Board of Directors, delivery could then be in December, it will be possible to issue more bonds in the fall than it would be now, and it will be possible to wait if the Utility Plant bonds are sold.

B. Building Use Fee

The bill also has been passed by both Houses and is on the Governor's desk for signature.

Again, the estimated amount of bonds which can be issued is \$2,750,000. Mr. McCall has been approved by the Board as bond counsel. It probably would be wise to invoke this Act after the others.

C. Refunding of Constitutional Bonds

The bill has been passed and signed. While it will provide no additional money at this time, it could, in the future, and will improve the bond procedures for the institutions of higher learning in Texas.

8. Matching Funds

Revised Procedures

The Coordinating Board has revised the procedures and raised the ~~maximum~~ amount for one project and one school from \$1,000,000 to \$1,500,000 and to allow the refiling of applications for the ~~maximum~~ amount by institutions with projects which have been awarded at either 10 percent or less than the 1/3 ~~maximum~~.

The revisions could add perhaps \$2 million to the Texas Tech total if sufficient funds are available from the Federal Government and all the revised requests are granted.

9. Constitutional Building Amendment Bond Sale

Texas Tech can issue approximately 1-1/3 million dollars in additional Constitutional Building Amendment bonds on or after September 1, 1967.

Mr. Hobby McCall, bond counsel, and Mr. John Clayton, the fiscal agent, have recommended a bid opening around July 23 or 24, 1967, for delivery about September 1, 1967. There is to be a meeting of the Bond Committee on July 6, and it looks as if it would be well to remain somewhat flexible at this time.

10. Law School

A request for the \$1,018,000 in matching funds under Title II of the Higher Educational Facilities Act of 1963 was declined by the Committee. A request for reconsideration has been filed and the request will be presented and considered by the Awarding Committee on June 12, 1967.

11. Purchasing of President's Home

Mr. Wells has prepared a resolution for approval of the Board to purchase the home.

12. Married Students Apartments

\$100,000 cash flow which could come to the college.

600 apts

Francis - Kellogg Street -

5,125,000 bond issue

205,000 underwriting, etc

Get about 1MM out of it for their efforts.

Eastman - selling across from

Will help with foundation -

25 payments

no liability to Foundation or College

OK subject to legal approval to be sure College has no legal liability.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 342

May 30, 1967

A meeting of the Campus Planning Committee was held at 1:30 p.m. on May 30, 1967, in Room 120 of the Administration Building.

Members present were Chairman M. L. Pennington, Mr. E. J. Urbanovsky and Mr. Nolan E. Barrick.

Other College staff members present were Mr. John G. Taylor, Mr. O. R. Downing and Miss Jerry Kirkwood.

Mr. Howard Schmidt, Consulting Architect, was present.

3676. Agricultural Facilities

1. Animal Husbandry Residences

Two residences are within the Wiggins, Phase II, construction area.

Mr. O. R. Downing agreed to investigate the feasibility of moving the residences to another location.

2. Sheep and Goat Facilities

The subcommittee composed of Mr. M. L. Pennington, Dean Gerald Thomas, Mr. E. J. Urbanovsky, Dr. Dale W. Zinn, Dr. Frank Hudson, Mr. Howard Schmidt and Miss Jerry Kirkwood recommended on April 20, 1967, that the construction of the new facility to contain a feed room, workroom, laboratory, toilet and shower facilities, and two covered pens be approved.

The work was authorized to be accomplished by the Department of Building Maintenance and is estimated at \$55,000.00, which is below the original estimate.

3677. Architecture and Arts Facility (CPC No. 106-66)
(O'Neil Ford and Associates, Architects)

The academic change combining the Allied Arts program and the Applied Arts program into one Department of Art has affected the ultimate functional design of the programmed facility.

A subcommittee composed of Miss Evelyn Clewell, Mr. Nolan E. Barrick, Dr. Bill Lockhart and Mr. Howard Schmidt was appointed by the Chairman to consider the newly introduced information provided by Dr. Bill Lockhart which has been presented to Miss Evelyn Clewell for analyzation, in order that the requirements may be studied in conjunction with the originally planned areas for future expansion.

In addition, the committee will establish for review, the courses in each department which can feasibly be housed in the new facility.

3678. Biology Building (CPC No. 99-65) (Pierce & Pierce, Architects)

Tunnels and Utilities Extensions (Zumwalt & Vinther, Inc., Engineers)

It was recommended that the engineers be authorized to proceed with the nearly completed plans and specifications and that the bids for the work be received as early in July as is possible.

The recommendation to proceed with the construction of the tunnel was made based upon the following circumstances:

1. An additive change order covering major valves, piping and connections will necessarily be added to the Central Heating and Cooling Plant, or a one week to 10 day shutdown will be necessary later, if the tunnel construction is not begun soon.
2. Expansion joints, piping and other appurtenances have critically slow delivery schedules.
3. Reliable sources indicate that construction costs will make a severe rise within the next year.

The engineers can be able to issue plans and specifications near the 15th of June, 1967, if the approval of the Department of Housing and Urban Development to advertise for bids can be secured.

3679. Chemical Engineering Building

Mr. Nolan E. Barrick will study the feasibility of the fabrication of a shelter 16 feet long, 6 feet deep and 7 feet high for the storage of solvent drums to be located on the dock north of the Chemical Engineering Building.

Based upon Mr. Barrick's findings, the Campus Planning Committee will give further consideration to the request.

3680. College Avenue and 15th Street Intersection

The City of Lubbock has proposed an additional ingress lane approximately 250' long by 11'-0" wide for southbound traffic entering the campus.

Also proposed was an egress pattern for traffic leaving the campus to proceed on College Avenue to the south in compliance with a request from the College.

The Campus Planning Committee and the Traffic Committee recommended that the City be allowed to construct the ingress lane only, as proposed. The Campus Planning Committee further recommended that the traffic signal system locations at the intersection be improved based upon an agreed upon solution between the College and the City.

It was recommended that the proposed egress pattern be deferred until the traffic consultant has been retained and allowed to study the intersection in conjunction with other traffic patterns.

3681. Foreign Languages-Mathematics Building (CPC No. 79-63)

Pitts Mebane Phel s and White Architects)
(Bennett Construction Company)

The completion date was April 10, 1967.

Mr. Bennett has not shown signs of significant progress in several months.

The College informed the contractor, as recommended by the architects, by letter, dated May 9, 1967, that further payment would be withheld until the progress of the work justified payment for work accomplished.

The architects report that the precast stone can be repaired and will not need to be removed.

Mr. Howard Schmidt reported that the contractor is concentrating on the interior of the building.

Mr. Bennett feels that existing equipment, to be moved to the building under the terms of his contract, can be moved in approximately 30 days from this date.

The Campus Planning Committee unanimously recommended that the architects submit a specific, satisfactory completion date to the College, and that the completion of the project become the responsibility of the bonding company if the agreed upon date is not met.

In addition, it was recommended that no equipment be moved into the building except that appearing in the specifications as a part of the contractor's responsibility.

Equipment purchased by the College is expected to be delivered between August 30 and September 1, 1967. The date had to be delayed from the originally intended delivery during June, 1967.

Moving and rehabilitation of existing listening booths will be studied by Mr. John Taylor and Mr. O. R. Downing. Moving and installation of the booths are a part of the contractor's responsibility.

Mr. Taylor and Mr. Downing will also make arrangements to have the Foreign Language listening booths removed from the basement of the Administration Building. The moving and installation of these booths are a part of the Bennett Construction Company's responsibilities.

3682. Home Economics Addition

The assignable square footage of space programmed for Applied Arts is well over the 5 percent allowable change as required by the Department of Housing and Urban Development and Office of Health, Education and Welfare.

The change in the academic program establishing a Department of Art and the inclusion of the departmental facilities in the Architecture and Arts Facility affects the filed application and the existing grants concerning matching funds.

Mr. John Taylor and Mr. Howard Schmidt were requested to analyze the total affected program in order that Mr. Taylor may take the project findings under advisement during his meeting in Austin on June 5, 1967.

3683. Housing

Thompson, Gaston, Wells and Carpenter Halls

Bids were received for the repainting on May 9, 1967.

Jones Brothers Painting Contractors were the low bidders for work in Wells and Carpenter Halls and Wardroup and Associates were the low bidders for work in Thompson and Gaston Halls. The two bids were the only ones received and were found to be reasonable.

The Campus and Building Committee awarded the contracts in keeping with the approval of the Board of Directors at the last meeting.

The bid tabulation is attached. (Attachment No. 718 , page 4018)

3684. Law School (CPC No. 108-66) (Harrell & Hamilton, Architects)

The Campus Planning Committee recommended that a special meeting be called, as soon as possible, for consideration of comments regarding the program prepared by Howard Schmidt and Associates, Consulting Architects.

3685. Museum (CPC No. 65-61) (Associated Architects and Engineers of Lubbock) (Stiles, Roberts and Messersmith & McMurtry and Craig)

An Ad hoc committee has been appointed to work jointly in behalf of Texas Tech and the West Texas Museum Association.

The letter establishing the committee is included as an attachment. (Attachment No. 719 , page 4019)

3686. Procedures1. Change Order Requests

Mr. Howard Schmidt was requested to outline the procedure for review of the Chairman.

2. Nomenclature - Various Phases of Architectural Work

It was recommended that the various phases of architectural work for Board minutes and Campus Planning Committee minutes be identified as follows:

<u>Phase</u>	<u>Nomenclature</u>
A. Preliminary Design -	Preliminary Plans and Specifications
B. Working Drawings -	Final Plans and Specifications
C. Construction -	Construction

Also, the Campus Planning Committee recommended that the current American Institute of Architects nomenclature identifying phases of work be included in the contractual documents. (Attachment No. 720 , page 4020)

3. Priority List

In keeping with Presidential Memorandum No. 7, the following procedures shall be followed in establishing the priority list of buildings:

- A. Recommendations and justifications for inclusion of academic facilities will be submitted by department Heads through the Dean of the School concerned to the Vice President for Academic Affairs.
- B. Recommendations and justifications for inclusion of non-academic facilities on the priority list of buildings will be submitted by the heads of units, divisions or activities to the Vice President for Business Affairs.

A copy of FM-7 is attached to and made a part of the minutes. (Attachment No. 721 , page 4021)

3687. Sidewalk Construction - Summer, 1966
(Bob Hunter Construction Company)

The final estimate and affidavit was submitted April 13, 1967.

It was recommended that April 13, 1967, be the final acceptance date for record purposes.

3688. Snack Bar Remodeling - Student Union

Dean James Allen has recommended that Mr. Arthur W. Dana, Food Consultant, and Mr. Jack W. Evans, Interior Designer, be retained to furnish the services necessary for accomplishing the work.

Mr. Nolan E. Barrick and Miss Jerry Kirkwood were requested to review the proposed fees and services submitted by Mr. Dana and Mr. Evans in order that Chairman Pennington may make a recommendation.

3689. Stadium Light Standards (CPC No. 110-67)

Mr. Nolan E. Barrick, Coordinator of the project, made the following report which reflects three possible solutions for replacing the lighting system.

- 1. By moving one existing standard from the west side of the stadium to the east side, a total of 4 standards each on the east and west sides can be established. The standards would

3689. Stadium Light Standards (Cont'd)

be arranged two in the center and one each at the north and south ends of the stadium. One additional standard would be removed and held in storage.

With the installation of new lamps, with a 10 percent overload, an illumination level of not more than 80 foot candles could be expected on the field. This level is approximately one-half that provided by the original design.

As an alternate solution, should the standards remaining be left as they are positioned and relamped, a maximum level of 70 foot candles could be expected.

The light sources of either of the above proposals create shadow patterns on the field.

The estimated cost, including fees for the design and installation supervision of new and adequate bracing for all standards, is approximately \$75,000.00.

2. This proposal includes the purchase of three new standards, new lamps, and design fees and supervision of complete re-bracing for all of the standards which would replace the system to the original design.

The estimated cost is expected to be approximately \$100,000.00.

3. The Meyer Machine Company has proposed to redesign the entire system including 12 new standards void of any contact with the stadium structure, new lamps, complete rewiring and supervision of the work in order to reach the illumination level of the original design.

The total estimated cost of the new system is approximately \$200,000.00.

The Campus Planning Committee recommended that the Athletic Department consider Proposal No. 2.

Concern was expressed that accepting any solution less than near the original illumination level and design would open the Athletic Department and the College to criticism.

In order to complete the project and thoroughly check the system prior to the first night game, it is essential that a decision be made with utmost speed and the work implemented as rapidly as is possible.

As soon as the decision is made, Mr. O. R. Downing requests permission to sell items of scrap and salvaged materials.

3690. Temporary Buildings - Summer, 1967

1. Additional Requests for Temporary Facilities

It looked at one time that Miss Evelyn Clewell saw a need for perhaps two additional buildings. However, Miss Clewell is ill and could not be contacted concerning the status.

2. Status of Those Buildings Approved for Construction

Seven buildings have been framed out.
Three buildings have been sheetrocked.
One building is being painted.

3. Surplus Military Buildings - Status

The possibility of some at Reese Air Force Base remains, but there seems to be no others.

3691. Textile Engineering Facility Addition

A request to provide an addition to the existing facility, estimated to cost approximately \$250,000.00, with additional equipment estimated at \$50,000.00, has been requested by Dean Bradford, submitted to and recommended by Dr. S. M. Kennedy, Vice President for Academic Affairs, under special conditions, and recommended by the Executive Committee for presentation to the Board of Directors through the Campus Planning Committee.

Attached is a copy of the recommendation prepared by Dr. Kennedy. (Attachment No. 722, page 4022)

3692. Tunnels and Utilities Extensions - Wiggins Complex, Business Administration Building, Central Heating and Cooling Plant (Zumwalt & Vinther, Inc., Engineers)

Hereby recorded is the retraction of the action of the Campus Planning Committee authorizing the construction of 100 feet of tunnel and piping as the first run of the Biology tunnel from the Central Heating and Cooling Plant. The additional work was proposed to be included as a change order to Wiggins Complex, Business Administration Building, and Central Heating and Cooling Plant tunnel construction.

The action is recorded under Item 3545, B., Meeting No. 319, November 28, 1966.

It was later verbally agreed by all Campus Planning Committee members, Mr. O. R. Downing, and the engineers, by phone, (as coordinated by Miss Jerry Kirkwood) that the 5'-0" tunnel extension included in the Central Heating and Cooling Plant would be sufficient for the progress of the Central Heating and Cooling Plant project until a later date.

3693. Wiggins Complex, Phase II (CPC No. 114-67)

The progress of the job indicates that the final plans and specifications could be presented to the Board earlier than anticipated, thereby establishing a revised bid date.

The revised schedule provides for requesting Board authorization to advertise for bids at the August meeting.

Plans and specifications may then be issued early in September, 1967, with an anticipated award of the contract for construction at the October 14, 1967, Board Meeting.

The construction period is estimated at 22 months.

Jerry Kirkwood
Coordinator

The meeting adjourned at 4:05 p.m.

BID TABULATION
REPAINTING THOMPSON AND GASTON HALLS
AND WELLS AND CARPENTER HALLS
TEXAS TECHNOLOGICAL COLLEGE
LUBBOCK, TEXAS
MAY 9, 1967

9 Interested Parties

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					Add \$1,518.00 if Builders Risk Insurance is required.					

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BASE BID C: For bidders desiring to be awarded the contract on Wells and Carpenter Halls only.

Campus Planning Committee
May 30, 1967
Attachment No. 719
Item No. 3685

TEXAS TECHNOLOGICAL COLLEGE

Lubbock, Texas 79409

Office of the President

May 10, 1967

Mr. Marshall L. Pennington, Chairman
Mr. Mark Hailey, Vice-Chairman
Mr. Elo Urbanovsky
Mr. Nolan Barrick
Mrs. David Vigness
Dr. Earl Green

Mrs. Vigness and Gentlemen:

We wish to designate you as an Ad hoc committee to work jointly in behalf of Texas Tech and the West Texas Museum Association to implement development of the plans and construction of the new Museum.

We charge you with the development of proposed contracts and detailed plans for presentation to the Board of Directors for their approval. We would appreciate receiving a monthly report from you of your activities.

/s/ Bob Brummal

Bob Brummal
President
West Texas Museum Association
Co-Chairman of the Committee

/s/ Grover E. Murray

Grover E. Murray
President
Texas Technological College
Co-Chairman of the Committee

cc: Mr. Harold Hinn
Mr. Retha Martin

<u>OLDER METHOD</u>		<u>TO BE CARRIED IN CONTRACTURAL DOCUMENTS</u>		<u>PRESENT AIA BREAKDOWN</u>	<u>CONSULTING ARCHITECT CONTRACT</u>
Preliminary Design Phase	25% of fee	Schematic Design Phase	15% of fee	Programming & Schematic Planning	Consulting Architect's Responsibility 1% of Constr. Cost
		Design Development Phase	Up To 35% of fee	Design Development and Contract Documents	
Working Drawing Phase	Up to 75% of fee	Construction Documents Phase	75% of fee		Project Architect's Major Responsibility 5% of Constr. Cost
		Bidding or Negotiation Phase	80% of fee	Bidding and Construction Phase	
Construction Phase	Up to 100% of fee	Construction Phase	100% of fee		

Campus Planning Committee
May 30, 1967
Attachment No. 721
Item No. 3686

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

FM - 7

Office of the President

May 17, 1967

Memorandum to Vice Presidents, Deans, Department and Division Heads

Effective immediately, recommendations and justifications for inclusion of academic facilities on the priority list of buildings will be submitted by Department Heads through the Dean of the School concerned to the Vice President for Academic Affairs for (1) his review and (2) his development of priority rankings for presentation to the Executive Committee.

Recommendations and justifications for inclusion of non-academic facilities on the priority list of buildings will be submitted by the heads of units, divisions or activities to the Vice President for Business Affairs for (1) his review and (2) his development of priority rankings for presentation to the Executive Committee.

After due consideration and action by the Executive Committee, and following the decision of the President, recommendations will be submitted to the Board of Directors through its Campus and Building Committee.

The Campus Planning Committee will continue (1) to advise the Executive Committee, the President's office and the Board on the location of academic facilities and (2) to implement the building programs, as it has so capably done in the past.

Grover E. Murray
President

Campus Planning Committee
May 30, 1967
Attachment No. 722
Item No. 3691

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

79409

Vice President
for
Academic Affairs

May 30, 1967

Dr. Grover E. Murray
President
Campus

Dear Dr. Murray:

I should like to request consideration by the Board of Directors of an expanded program in textile research. In view of self-financing efforts of the cotton farmers of the nation under the auspices of the National Cotton Council it appears possible to secure support for significant long-range study of cotton fiber.

I should like to propose:

- (1) An addition to the present facilities for textile research be built.
- (2) Additional equipment be purchased.
- (3) The Cotton Research Council, The South Plains Cotton Growers, The U.S.D.A., The Cotton Producers Institute, The National Cotton Council, and any other funding agencies be asked, through formal proposals, to provide funds both for the building and for the equipment.
- (4) The efforts to augment substantially the vital work in textile research be furthered in such a way as not to mitigate against other pressing needs for facilities in Engineering or elsewhere in the university.

Unusual opportunities such as the one upon which this letter is based do not arise frequently. I believe that the value of cotton to this region and to the nation coupled with the problems of declining markets and economic strictures combine to justify expeditious action.

Sincerely,

/s/ S. M. Kennedy

S.M. Kennedy
Vice President for
Academic Affairs

SMK:c

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 343

June 2, 1967

A meeting of the Campus and Building Committee of the Board of Directors and the Campus Planning Committee was held at 4 p.m. in the Anniversary Room of the Student Union Building.

Mr. Harold Hinn, Chairman of the Building Committee, was present. Other members of the Board of Directors in attendance were Mr. Roy Furr, Chairman, Mr. Alvin R. Allison, Mr. J. Edd McLaughlin, Mr. Retha R. Martin, Dr. Fladger F. Tannery and Mr. Carl Ernest Reistle, Jr.

Members of the Campus Planning Committee present were Mr. M. L. Pennington, Chairman, Mr. Nolan E. Barrick and Mr. E. J. Urbanovsky.

Others present from the College were President Grover E. Murray, Dr. W. M. Pearce, Dr. S. M. Kennedy, Mr. John G. Taylor, Mr. R. B. Price, Miss Jerry Kirkwood and Miss Evelyn Clewell.

Mr. Howard Schmidt, Consulting Architect, was present.

3694. Biology Building (CPC No. 99-65) (Pierce & Pierce, Architects)

1. Revised Bid Dates

Approved the change in bid dates to June 14 and June 15, 1967, with a contract award to be made by polling the Board of Directors. The bids are to be opened, tabulated and studied, and the recommendation is to be made first to the Building Committee and then to the rest of the Board of Directors.

2. Tunnels and Utilities Extensions
(Zumwalt & Vinther, Inc., Engineers)

Approved the recommendation that bids be received as early in July, 1967, as possible, and that the contract award be made either at the special meeting of the Board of Directors or by telephone poll, with the understanding that the bids will be opened, tabulated and studied, and a recommendation made to the Building Committee first and then to the rest of the Board.

3695. Funds Available

(Attachment No. 723, page 4025)

3696. Housing

Thompson, Gaston, Wells and Carpenter Halls

In keeping with the approval of the Board of Directors at the last meeting, the following contracts were awarded for repainting work.

1. Thompson and Gaston Halls

Wardroup and Associates
\$22,879.00

2. Wells and Carpenter Halls

Jones Brothers Painting Contractors
\$23,569.00

The bid tabulation is attached for information.
(Attachment No. 724, page 4026)

3697. Hydraulics Laboratory

Approved the preparation of preliminary plans for the Hydraulics Laboratory by the July meeting, if possible.

3698. Textile Research Center

1. Authorized the appropriation of \$50,000 for special equipment as soon as possible this summer.
2. Authorized an appropriation of \$250,000 for a building to add to the facilities. It is to be a simple, box-like structure of some 10,000 to 12,000 feet.

The Campus Planning Committee is to select and hire competent architects to go to work immediately. The building addition is to be all laid out by July, an attempt is to be made to try to have final plans and specifications by that time and, if possible, enough is to be done for Board approval. The new facilities are to tie to the present building.

3. Authorized the appropriation of \$250,000 for equipment to go into the building.

M. L. Pennington
Chairman

The meeting adjourned at 5:45 p.m.

Campus Planning Committee
 June 2, 1967
 Attachment No. 723
 Item No. 3695.

TEXAS TECHNOLOGICAL COLLEGE
 Lubbock, Texas

June 1, 1967

Present and Proposed Building Program
 (Does Not Include Auxiliary Enterprise Projects)

Estimated Total Funds Available

1958-66 Constitutional Tax Funds	\$ 1,500,000
1966-68 Constitutional Tax Funds	10,730,000
Interest on Investment of Tax Funds	383,000
Estimated Proceeds from Skiles Act Bonds	2,750,000
Estimated Proceeds from Building Use Fee Bonds	2,750,000
Estimated Proceeds from Heating and Cooling Plant Bonds	4,440,000
Approved Facilities Act Funds	4,822,947 (a)
Possible Additional Facilities Act Funds	<u>2,345,299 (b)</u>
Total	<u>\$29,721,246</u>

- (a) Does not include Home Economics Grant on supposition the project will be reprogrammed or withdrawn.
- (b) Maximum possible grants excluding Law School and a reprogrammed Home Economics Project at an estimated cost of \$1,900,000.

Building Projects

	<u>Project Total</u>	<u>Accumulative Total</u>
Previously Completed or Near Completion	\$ 491,847	\$ 491,847
Foreign Language-Mathematics	1,391,397	1,883,244
Heating and Cooling Plant	4,439,555	6,322,799
Utility Extensions	1,137,651	7,460,450
Temporary Buildings	250,000	7,710,450
Business Administration	4,565,066	12,275,516
Museum	500,000	12,775,516
Law School	3,055,485	15,831,001
Biology	4,669,615	20,500,616
Chemistry	4,327,707	24,828,323
Architecture	4,414,653	29,242,976
President's Home	65,000	29,307,976
Sheep and Goat Facilities	55,000	29,362,976
Home Economics (Reduced Scope)	<u>1,900,000</u>	31,262,976
Total	<u>\$31,262,976</u>	

Difference between estimated funds
 available and project costs

\$ 1,541,730

BID TABULATION
REPAINTING THOMPSON AND GASTON HALLS
AND WELLS AND CARPENTER HALLS
TEXAS TECHNOLOGICAL COLLEGE
LUBBOCK, TEXAS
MAY 9, 1967

9 Interested Parties

CONTRACTOR	BID SECURITY	BASE BID A	PLASTER PATCHING ALLOWANCE	PLASTIC WALL COVERING ALLOWANCE	BASE BID B	PLASTER PATCHING ALLOWANCE	PLASTIC WALL COVERING ALLOWANCE	BASE BID C	PLASTER PATCHING ALLOWANCE	PLASTIC WALL COVERING ALLOWANCE
W. R. Dean Company										
Jones Brothers Painting Contractors	X							\$24,790.00	\$1,000.00	\$ 600.00
H. M. Rinehart, Jr.								Deduct \$1,221.00 if Builders Risk Insurance is not required.		
Wardroup and Associates	X				\$22,879.00	\$1,000.00	\$1,000.00			
					Add \$1,518.00 if Builders Risk Insurance is required.					

BASE BID A: For bidders desiring to be awarded the contract on both Thompson and Gaston Halls and Wells and Carpenter Halls.

BASE BID B: For bidders desiring to be awarded the contract on Thompson and Gaston Halls only.

BASE BID C: For bidders desiring to be awarded the contract on Wells and Carpenter Halls only.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 344

June 7, 1967

A meeting of the Campus Planning Committee was held at 10 a.m. on June 7, 1967, in Room 120 of the Administration Building.

Members present were Chairman M. L. Pennington and Mr. Nolan E. Barrick.

(Mr. Urbanovsky was out of town due to a death in the family.)

Other College staff members present were Mr. John G. Taylor, Mr. O. R. Downing, and Miss Jerry Kirkwood.

The purpose of the meeting was to select and retain competent architects for the Textile Chemical Research Laboratory and the Fluid Dynamics Laboratory, in keeping with the action of the Board of Directors on June 3, 1967.

The above listed Campus Planning Committee members and College staff members discussed the various means of implementing and financing the facilities, and the most expeditious method for having the necessary drawings for the July 28, 1967, Board meeting.

It was agreed that the firm of Zumwalt and Vinther, Inc., Engineers, has the talent required for the design of the humidity control system for the Textile Chemical Research Laboratory, and the capacity for expediting the work to be accomplished. They were the engineers for the Addition to and Rehabilitation of the Textile Engineering Building several years ago.

In addition, it was agreed to request Mr. Howard Schmidt to serve as Consulting Architect under the terms of his existing contract and that project architects be selected immediately. It was felt that the fastest start on both the projects could best be made with such an arrangement. All architects must be free to go to work immediately.

The firm of Ralph D. Spencer and Associates, Architects, was recommended for the Textile Chemical Research Laboratory project, to be further discussed with Mr. Howard Schmidt.

The firm of Atcheson, Atkinson and Cartwright, Architects, was recommended for the Fluid Dynamics Laboratory project, to be further discussed with Mr. Howard Schmidt.

Mr. John G. Taylor, with the help of Dean Bradford, Dr. Heard and Dr. Marmion, was requested to investigate all possibilities for securing matching funds, and to prepare the necessary material for Title I and/or Title II Grants, under the Higher Education Facilities Act of 1963.

Mr. John G. Taylor, Mr. O. R. Downing and Miss Jerry Kirkwood left the meeting and Mr. Howard Schmidt joined Mr. M. L. Pennington and Mr. Nolan E. Barrick for further discussion.

3699. Fluid Dynamics Laboratory (CPC No. 115-67)

Mr. Howard Schmidt accepted the commission as Consulting Architect under the terms of his contract.

It was agreed to offer the architectural commission to Ralph D. Spencer and Associates, provided work could begin at once. It was further agreed that Zumwalt and Vinther, Inc., would be retained by the architects to do the engineering work.

(The firm accepted the commission.)

3700. Textile Chemical Research Laboratory (CPC No. 116-67)

Mr. Schmidt accepted the commission as Consulting Architect under the terms of his contract.

It was agreed to offer the architectural commission to Atcheson, Atkinson and Cartwright, Architects, provided work could begin at once.

(The firm accepted the commission.)

The engineers, as selected by the architects, will be subject to the approval of the Campus Planning Committee.

Jerry Kirkwood
Coordinator

The meeting adjourned at 12:20 p.m.

RECEIVED
TEXAS TECHNOLOGICAL COLLEGE

JUN 1 5 1967

Office of the
Vice President For Business Affairs

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 345

June 21, 1967

A meeting of the Campus Planning Committee was held at 1:30 p.m. on June 21, 1967, in Room 120 of the Administration Building.

Members present were Chairman M. L. Pennington and Mr. E. J. Urbanovsky.

Mr. Nolan E. Barrick entered the meeting at 2:10 p.m. He was delayed due to a meeting with the City Planning and Zoning Commission of the City Council.

Other College staff members present were Mr. John G. Taylor, Mr. O. R. Downing, Miss Evelyn Clewell and Miss Jerry Kirkwood.

Mr. Howard Schmidt, Consulting Architect, was present.

Dean Richard B. Amandes and Mr. U. V. Jones were present for the review of the Law School program prepared by Howard Schmidt and Associates, Consulting Architects.

3701. Architecture and Arts Facility (CPC No. 106-66)
(O'Neil Ford and Associates, Architects)

Mr. Nolan E. Barrick reported that the subcommittee has thus far found it is apparent the existing programmed space will house both the Department of Architecture and the Department of Art with a limited amount of space remaining for growth. However, it is felt it may be found that some 5,400 to 5,600 square feet will need be added to the program.

The subcommittee is continuing the study of the facility and will prepare supporting information for review as soon as possible.

3702. Biology Building (CPC No. 99-65) (Pierce and Pierce, Architects)

1. Contract Award

Bids were opened for the mechanical, electrical and elevator work and auditoria seating on June 14, 1967, and the bids for general construction work were opened on June 15, 1967.

The Board of Directors approved the award of the contract to H. A. Lott, Inc., in the net amount of \$3,978,937.73, based upon the recommendation of the Campus Planning Committee.

The contractor agreed to add the Conservatory to the contract, if the owner so desires, holding the quoted price of \$108,798.00 for a six month period.

The deductible Alternate No. 2 for furnishing exterior insulation on the ductwork in lieu of interior insulation was accepted in the amount of \$17,613.00.

Copies of the bid tabulations and the breakdown are attached. (Attachment No. 725, page 4032 and Attachment No. 726, page 4033)

2. Tunnels and Utilities Extensions
(Zumwalt & Vinther, Inc., Engineers)

Bids will be opened at 3:00 p.m., July 11, 1967, in the Physical Plant Auditorium.

Mr. Earl D. Sherman, Field Engineer for the Department of Housing and Urban Development, has agreed to the above date.

3703. Child Development Laboratory

The Department of Home and Family Life has requested the construction of an auxiliary facility to be located near the existing Child Development Laboratory Building. The size of the structure is requested to be approximately 20 feet by 40 feet. A Title VI Grant, for equipment, in the amount of \$2,500.00 is proposed to help finance the project along with additional available funds from the Department of Home and Family Life and the Pre-School Laboratory accounts.

Extensive thought and consideration of the overall long-range plan have been given in connection with the request.

Apprehension was expressed concerning the growth of the program and the compatibility of an increased program in an area so near the dormitories. The existing Child Development Laboratory was formerly the Home Management House and was considered temporary housing for the Child Development Laboratories until proper facilities could be provided. The Campus Planning Committee sincerely believes it to be inefficient planning to provide additional facilities in an area which is a makeshift solution at the present time, and further requests that the growth and ultimate scope of the program be considered within the Long-Range Academic Plan.

In order to encumber the Title VI funds in the amount of \$2,500.00, it was recommended that the monies be used for the purchase of necessary equipment.

3704. Fluid Dynamics Laboratory (CPC No. 115-67) (Atcheson, Atkinson and Cartwright)

Mr. Howard Schmidt reported that the requirements have been provided by Dr. Keith Marmion and the space required has been reduced to approximately 18,800 square feet. Schematic plans are being prepared for review of the Campus Planning Committee.

Mr. John Taylor has provided Dean John R. Bradford with the information necessary for the preparation of Title I and Title II applications for matching funds. Mr. Taylor has received information establishing the use of the facility by undergraduate as well as graduate students. Apparently, the major portion will need to be designed for graduate use.

According to procedures followed in programming the Business Administration Building and the Biology Building, the Campus Planning Committee requested that the Faculty Building Committee outline the courses to be taught in each of the areas and the number of hours each space will be utilized in order that Miss Evelyn Clewell, Coordinator of Space, may analyze the requirements.

The Chairman pointed out that to have a realistic picture of the scope of the project, a proposed budget for equipment, both movable and fixed, and the operating budget will need to be provided at the earliest possible date.

Mr. E. J. Urbanovsky volunteered to serve as the Coordinator for the Campus Planning Committee in order to expedite the project.

3705. Foreign Languages - Mathematics Building (CPC No. 79-63) (Pitts, Mebane, Phelps and White, Architects)

The Bennett Construction Company has filed a Citation for Personal Service against Mr. M. L. Pennington, Texas Technological College, and the firm of Pitts, Mebane, Phelps and White, as Architects.

Mr. Bennett has closed down the job and boarded up all entrances.

Mr. Roy Furr and Mr. James H. Milam, attorney representing the College, have been notified of the action and Mr. Milam has been furnished copies of the citation and contract documents pertaining to the project.

3706. Law School (CPC No. 108-66) (Harrell & Hamilton, Architects)

The appeal for reconsideration of the matching fund grant, in the amount of \$1,018,495.00 through Title II, has been declined by the Department of Health, Education and Welfare. As a result, no matching funds are available for the project and the funds available for the overall program will be reduced accordingly. A copy of the request for reconsideration and the reply are attached to and made a part of the minutes. (Attachment No. 727, page 4034 and Attachment No. 728, page 4035)

Land coverage required of the schematic plans and various items in the program were discussed with Chairman Pennington and Mr. Schmidt to continue it later in order to save the Committee's time. Dean Amandes will be available to answer questions regarding the program.

3707. Resident Construction Coordinator (Central Heating and Cooling Plant)

It was recommended that the two prospects available for employment to supplement the inspection of construction be interviewed by Mr. John T. McCracken, Resident Construction Coordinator, subsequent to an interview with Mr. John Taylor.

Mr. Howard Schmidt agreed to make the arrangements.

3708. Textile Chemical Research Laboratory (CPC No. 116-67)
(Ralph D. Spencer and Associates, Architects)

Mr. Barrick volunteered to serve as Coordinator for the Campus Planning Committee in order to expedite completion of the project.

The progress report prepared by Howard Schmidt and Associates, Consulting Architects, was handed to Mr. Barrick.

Jerry Kirkwood
Coordinator

The meeting adjourned at 3:50 p.m.

Campus Planning Committee
June 21, 1967
Attachment No. 725
Item No. 3702

BID TABULATION
FOR
MECHANICAL CONSTRUCTION
BIOLOGY FACILITIES
FOR
TEXAS TECHNOLOGICAL COLLEGE
JUNE 14, 1967

The Office of
George Pierce
Abel B. Pierce
Architects and
Planning Consultants

67 Interested Parties

BIDDER	ACK. ADDENDA	BASE BID	ALTERNATE NO. 1	ALTERNATE NO. 2	BID SECURITY
Drew Woods, Inc.	X	\$1,104,000.00	- \$2,000.00	- \$17,000.00	X
Hughes-Walsh Co., Inc.	X	\$1,288,490.00	- \$2,550.00	- \$15,800.00	X
Kasch Brothers, Inc.	X	\$1,156,000.00	- \$1,500.00	- \$14,000.00	X
Plains Plumbing Co., Inc.	X	\$1,187,948.00	- \$2,188.00	- \$15,150.00	X

Alternate No. 1 Delete the Conservatory.

Alternate No. 2 Provide exterior insulation on duct work
in lieu of interior insulation.

BID TABULATION FOR
ELECTRICAL CONSTRUCTION
BIOLOGY FACILITIES
FOR
TEXAS TECHNOLOGICAL COLLEGE
JUNE 14, 1967

The Office of
George Pierce
Abel B. Pierce
Architects and
Planning Consultants

67 Interested Parties

BIDDER	ACK. ADDENDA	BASE BID	ALTERNATE NO. 1	BID SECURITY
Amco Electric Co.	X	\$483,550.00	- \$3,620.00	X
Budwine Service Electric Co.	X	\$669,671.00	- \$4,244.00	X
Clark Electric Company	X	\$472,322.00	- \$4,267.00	X
Duke Electric Company	X	\$414,121.00	- \$2,800.00	X
Hughes-Walsh Company, Inc.	X	\$494,490.00	- \$4,100.00	X
John C. Pickett Electric Co.	X	\$499,988.00	- \$3,702.00	X
Nelson Electric Co.	X	\$487,000.00	- \$3,500.00	X
Tarver Electric Co.	X	\$416,000.00	- \$5,000.00	X
Watco Electric Co.	X	\$395,000.00	- \$4,600.00	X

Alternate No. 1 Delete the Conservatory.

Alternate No. 2 Provide exterior insulation on duct work
in lieu of interior insulation.

BID TABULATION
 FOR
 ELEVATOR CONSTRUCTION
 BIOLOGY FACILITIES FOR
 TEXAS TECHNOLOGICAL COLLEGE

The office of
 George Pierce
 Abel B. Pierce
 Architects and
 Planning Consultants

67 Interested Parties

JUNE 14, 1967

BIDDER	ACKNOWLEDGE ADDENDA	BASE BID	BID SECURITY
Hunter - Hayes Elevator Company	X	\$123,721.00	X
Westinghouse Electric Corporation	X	\$131,286.00	X

BID TABULATION
 FOR
 AUDITORIA SEATING
 BIOLOGY FACILITIES FOR
 TEXAS TECHNOLOGICAL COLLEGE
 JUNE 14, 1967

The Office of
 George Pierce
 Abel B. Pierce
 Architects and
 Planning Consultants

67 Interested Parties

BIDDER	ACKNOWLEDGE ADDENDA	BASE BID	BID SECURITY
American Seating Company	X	\$37,233.74	X
Herman Miller, Inc.	X	\$35,870.00	X
J. G. Furniture Co., Inc.		NO BID	

BID TABULATION

FOR

GENERAL CONSTRUCTION
 BIOLOGY FACILITIES FOR
 TEXAS TECHNOLOGICAL COLLEGE

The office of
 George Pierce
 Abel B. Pierce
 Architects and
 Planning Consultants

67 Interested Parties

June 15, 1967

BIDDER	ACK. ADDENDA	BASE BID	ALTERNATE NO. 1	FEE %	BID SECURITY
H. A. Lott, Inc.	X	\$2,397,000.00	\$102,000.00	3%	X
Manhattan Construction Co.	X	\$2,436,000.00	\$102,700.00	2%	X
Robert E. McKee General Contractor, Inc.	X	\$2,480,000.00	\$ 93,500.00	3%	X

Alternate No. 1

Delete the conservatory.

Alternate No. 2

Provide exterior insulation on duct work
 in lieu of interior insulation.

Campus Planning Committee
 June 21, 1967
 Attachment No. 726
 Item No. 3702

Biology Building

June 15, 1967

Texas Technological College

Bidder	H. A. Lott	Manhattan Construction	Robert E. McKee
General Construction	\$ 2,397,000.00	\$ 2,436,000.00	\$ 2,480,000.00
Sub Contractors	1,658,591.00	1,658,591.00	1,658,591.00
% for handling subs	<u>3% 49,757.73</u>	<u>2% 33,171.82</u>	<u>3% 49,757.73</u>
Total Base Bid	\$ 4,105,348.73	\$ 4,127,762.82	\$ 4,188,348.73
Deductible Alternates			
No. 1 Conservatory	108,798.00 (a)	109,432.00 (a)	100,298.00 (a)
No. 2 Outside insulation vs Inside insulation in ducts	<u>17,613.00 (a)</u>	<u>17,442.00 (a)</u>	<u>17,613.00 (a)</u>
Net Amount	<u>\$ 3,978,937.73</u>	<u>\$ 4,000,888.82</u>	<u>\$ 4,070,437.73</u>

(a) Includes General Contractor's Percentage

Campus Planning Committee
June 21, 1967
Attachment No. 727
Item No. 3706

TEXAS TECHNOLOGICAL COLLEGE

P. O. Box 4610

Lubbock, Texas 79409

Office of the Vice President
for Business Affairs

May 15, 1967

Dr. Olof E. Stamberg, Chief
Graduate Facilities Branch
Department of Health, Education, and Welfare
Office of Education
Washington, D.C. 20202

Dear Dr. Stamberg:

Subject: Project No. 2-2301

Thank you for your letter of April 6, 1967, in which you notified us that the Advisory Council on Graduate Education disapproved the application for a grant for the plant facilities for the Law School. Although all of us at Texas Tech regret that the application was not approved, we are grateful for the two substantial grants for the Biology and Chemistry Buildings. Without such help, building conditions would be even more desperate than they are.

Ever since your letter arrived, attempts have been made to try to find some other way to solve the very acute problem of financing the needed building program for the near future but there just seems to be no possible way to do it without additional assistance.

The pinch for space is understandable when one realizes that there has been no major classroom or faculty office project of consequence since 1961, when the enrollment was only 10,212. Limited funds have permitted only a small addition to the Science Building and a small building for each Psychology and Speech since that time. The enrollment last fall was 17,768, it is expected to be 19,545 this fall, and 24,618 by 1970.

In trying to provide the essential facilities, emergency measures of all conceivable nature have been and are being taken. Last summer 19 wooden, war surplus buildings were brought to the campus for emergency classrooms, faculty offices and research space. As no additional surplus buildings are available, the Board of Directors has ordered the construction of 18 more for this fall. Such facilities can be added more quickly and more economically than any other known method.

All available sources of income are being stretched to the limit. The maximum amount of bonds under the Constitutional Building Amendment has been and will continue to be issued as rapidly as the Amendment permits. Three bills have been introduced in the current session of the Legislature, each of which will help the building program. One will allow the use of a limited portion of the tuition for buildings, another will permit the charge of a building use fee and the third will allow the College to issue revenue bonds to construct as much of the utility plant as possible. Gifts are being diligently pursued and, as you know, matching funds under the Higher Education Facilities Act of 1963 are being sought in maximum amounts. Even with all the funds possible from the above sources, there still will not be enough to fund the buildings needed in the near future.

Dr. Olof E. Stamberg

Page 2

May 15, 1967

In addition to the buildings on the College priority list, an outstanding example of need is the Music Department, which is one of the biggest and best in the state and currently uses 18 different buildings on the campus. Another is the School of Engineering which has reached the point that the Accrediting Association is beginning to look with some disfavor on the lack of facilities in specific areas. There are a number of other equally important needs but of a lesser financial nature.

In addition to the rapid growth and improvement over the years, Texas Tech has been recently designated by the Coordinating Board, Texas College and University System, as one of the four state institutions to take the lead in graduate work and research and thereby placed an additional load, although a highly desirable one, on the need for facilities.

Also, the Coordinating Board, with the support of the other law schools in the state, found a need for a law school in West Texas and recommended to the Legislature that one be established at Texas Tech. The Legislature approved the law school and it opens this fall in temporary quarters with only first year students to be enrolled. The requests for admission now far exceed the capacity and it is imperative that means be developed rapidly to construct the needed larger and permanent facilities. Since some lead time is necessary, it is essential that the plans begin promptly and there just simply seems to be no way to construct the facilities without the matching grant.

Until October 13, 1966, applications for law school grants came under Title I of the Higher Education Facilities Act of 1963. However, procedures were changed at that time and law schools now must come under Title II. Item 170.13, Conditions for Grant Approval of the Regulations, precludes applications for grants for law schools under Title I and your letter would seem to preclude a reapplication under Title II. There is no place to go for assistance unless you can reconsider the application.

In view of the needs for the law school at the moment, the rapid growth and improvement of Texas Tech, the future growth of the College, funds available and the acute shortage of space, won't you please reconsider the statement in your letter that the Committee will not reconsider disapproved applications in future fiscal years.

We shall once again be most grateful to you and will welcome your thoughts and suggestions.

Very sincerely yours,

/s/ M. L. Pennington

M. L. Pennington
Vice President for
Business Affairs

MLP:g

cc: Dr. Harold Howe II
Dr. Peter P. Muirhead
Senator Ralph Yarbrough
Senator John Tower
Representative George Mahon
Dr. Grover E. Murray

Campus Planning Committee
June 21, 1967
Attachment No. 728
Item No. 3706

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education

Washington, D.C. 20202

Bureau of Higher Education

June 13, 1967

In reply refer to:
Project No. 2-2301

Mr. M. L. Pennington
Vice President for Business Affairs
Texas Technological College
Lubbock, Texas 79409

Dear Mr. Pennington:

The Advisory Committee on Graduate Education met on June 12, 1967, and again reviewed your application for a grant for the Law School Building. Your letter of May 15, 1967, was made available to all Committee members. After a thorough and lengthy discussion, the Committee again decided unanimously not to recommend a grant.

The Committee concluded that other applications indicated a more urgent need for assistance, particularly in view of the limited funds and keen competition in Texas as well as nationally. The Committee again recalled the fact that two grants have been recently awarded to your institution. Although your letter was informative, the Committee felt that the information did not add substantially to facts known at the earlier review of your application. Indications now are that the competition for next fiscal year funds will be much greater than this year and especially in view of the probably smaller appropriation and the increased number of applications received.

We regret that in view of the circumstances stated, the Committee could not recommend a grant. However, this action does not in any way prejudice any new applications you might file from your institution, and we on the staff will be very glad to work with you on future needs for graduate facilities.

Sincerely yours,

/s/ Olof E. Stamberg

Olof E. Stamberg, Chief
Graduate Facilities Branch

cc: Dr. Grover E. Murray