

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 213

April 7, 1964

A meeting of the Campus Planning Committee was held at 9 a.m. on April 7, 1964, in Room 120 of the Administration Building. Members present were Mr. Elo J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. O. R. Downing and Mr. John G. Taylor were present.

2669. Approval of Minutes

On motion by Mr. Barrick, seconded by Mr. Urbanovsky, the Minutes of Meeting No. 212 were approved.

2670. President's Approval of Minutes

President Goodwin approved the Minutes of Meeting No. 212 on March 14, 1964.

2671. Bookstore Addition

A. Construction Progress

The construction is quite satisfactory, all of the steel frame is in place, and about one-third of the masonry has been completed.

B. Fixtures

Time Schedule

A reevaluation of the time schedule indicated that it would not be practical to wait until May to award the contract, as it probably would be too late for the bid opening. As only equipment is involved in the form of free-standing book cabinets, it was agreed a few weeks ago that it would be necessary to proceed with the bids.

2672. Building Signs

Status

The cost of the metal signs, in keeping with the sample on Horn Hall, would be \$150 per building.

Signs in the yard would be more functional, flexible and economical.

After a great deal of consideration, the CPC agreed to recommend that the signs continue to be the bronze markers in the yard.

2673. Burlington Engine

A. Fence

The fence has been installed with the exception of the gates and the barbed wire around the top. The lights have been installed.

The CPC is of the opinion that the engine can be ordered at any time, as the barbed wire and the gates will be installed before the engine arrives.

B. Financing

Dr. W. C. Holden will pay the \$635 from Museum funds.

2674. Campus Lights for Library, Student Union, Music Building, Horn, Knapp, Drane, Doak and Weeks Areas

Status

It was the feeling that the lights as planned are adequate, the standard is the one to be used and a further study is to be made to be certain that there is adequate light intensity.

It is felt that a recommendation will be available at the next meeting of the CPC.

2675. Classroom-Office Building (New)

A. Site

A good bit of study has been given to the site. Two recent meetings were held in the Campus Plot Plan Room, and various sites on the campus were studied. At the meeting yesterday, President Goodwin and Miss Clewell attended. It is the consensus that the proper site has yet to emerge from the studies, and it is recommended that the site selection be delayed for further study.

B. Architects

There is no advantage in recommending architects until the site is known.

C. Financing

Arrangements have been made to sell the notes to Rowles, Winston and Company for 2 7/8 percent interest, and the required resolutions are in the Agenda for the approval of the Board of Directors at the next meeting. It is anticipated that the sale will be completed promptly after the Board meeting.

D. Time Schedule

The time schedule will be developed after the site is selected.

(Mr. Moore entered the meeting for Items Nos. 2674, 2676 and 2680.)

2676. Dormitory and Dining Facilities (Project CH-Tex-150(D))

A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)

1. Landscaping

Mr. Urbanovsky reported that the planting is approximately 80 percent complete, and he estimates that it will be finished within 10 days.

2. Heating and Air Conditioning

There are still some problems with the heating and air conditioning. The equipment fails to operate for an extended period of time without recalibration of controls. The contractors are still diligently attempting to balance out the equipment.

3. Mortar in the Brick and Stone

The contractor will start repointing the brick and stone, and arrangements will be made through Mr. Barrick's and Mr. Moore's offices to provide advance notice to the residents on the location of the workers.

2676. Dormitory and Dining Facilities (Project CH-Tex-150(D) (continued)

B. Units B and C (H. A. Lott, Inc., \$2,788,420.40 - August 1, 1964
\$3,513,215.13 - August 1, 1964)

1. Construction Progress

The contractor is in the process of finishing up both units. All built-in furniture is installed. Progress is satisfactory.

2. Kitchen and Dining Room Equipment (Commercial Kitchens, Inc., \$206,766)

All of the equipment has been purchased and is on hand, and the fabricated equipment is in a shop in Houston. The company is installing the equipment in Unit B and should be finished in the next few days, and at that time the crew will move to Unit C.

3. Movable Equipment

The building plans have been issued to four different firms, and all have been instructed to have their recommendations in by Friday of this week. It was agreed that it will be necessary to establish the lounge furniture as the Number 1 priority and handle the study as expeditiously as possible.

Arrangements for mattresses, chairs, etc., are well in order. The members of the CPC are to examine the chair samples on hand in Mrs. Bates' office. The recommendation is to be made not later than Thursday of this week.

4. Walks, Drives and Parking Lots

Bids are to be opened at 2 p.m. on April 9, 1964, and the recommendation for an award is to be made at the meeting of the Board of Directors on April 11, 1964.

2677. Entrance MarkerA. Amount of Funds

The amount of funds raised to date is \$6,388.37.

B. Architects

The architects are studying the possibilities of a first unit and the estimated cost.

2678. Final Inspections and Supervision

The CPC was of the consensus that it might be well to review the overall supervision of new construction and final acceptance to be sure that the desired results are being obtained.

Mr. Barrick, Mr. Taylor and Mr. Downing were requested to study the program.

2679. Generating Plant

Attached is a copy of a letter from Mr. V. A. Pendleton of the Utilities Engineering and Manufacturing Company of Dallas, which was written at the request of Mr. M. M. Hatcher. Mr. Pendleton thinks he can reduce the utility costs at Texas Tech by a substantial amount. (Attachment No. 517, page 1546)

2680. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls - November 1, 1964, and Central Food Facilities, September 1, 1964 (J. R. Francis General Contractor, Inc., \$1,480,157.10)

1. Construction Progress

Construction probably is not as fast as it should be on the Consolidated Facilities. Masonry is being installed on the north side, and the footings are being poured on the south side.

On the Central Facilities, some difficulties have been experienced with footings, but progress in the last several days seems to have improved.

2. Groundbreaking for Consolidated Facilities

Mr. Moore reported that the groundbreaking for Consolidated Facilities is tentatively scheduled for April 22, 1964, at 2 p.m., and final plans are to be discussed today. As it is a bit late, it was agreed to leave entirely up to Mr. Moore whether or not the groundbreaking ceremonies are held.

3. Architects

In the process of preparing the instruments for bidding, it was necessary to include the kitchen equipment. It was not a part of the project architects' contract, but they were required to go to considerable expense in order to include the items in the bidding.

After considerable discussion, it was agreed to recommend reimbursement to the architects for the direct expenses involved in the bidding of the kitchen equipment in the amount of \$833.68.

Mr. Moore left the meeting.

It was agreed that Mr. Barrick and his staff will supervise the installation of the kitchen equipment, as it is not in the architects' contract.

2681. Infirmary (DeWitt and Spencer - \$71,000)Plans and Specifications

The plans and specifications for the project were studied. Mr. Barrick pointed out that Dr. Kallina had been consulted in all phases of the development. It is a continuation of the present building and is of the same quality with no major deviations. The unit is planned for 14 beds. A few of the mechanical details are yet to be completed.

If the Board of Directors approves the plans and specifications, they will be ready to go out for bids within a few days.

It was agreed to recommend the approval of plans and specifications and, if the Board will allow the Campus Planning Committee to take bids before the next meeting, to make a contract recommendation to the Building Committee

2682. Killgore Beef Cattle CenterA. Dedication

The dedication was held on March 12, 1964.

2682. Killgore Beef Cattle Center (continued)B. Equipment

Due to a strike in one of the manufacturing plants, some of the chairs are yet to be delivered. Other than that, the equipment is complete.

C. Feed Mill1. Equipment and Foundation (Brown-McKee, \$62,838)

No one has seen it since the dedication on March 12, 1964.

2. Building and Rail Cover (Stout Steel Builders, \$9,795)

No one has seen it since the dedication on March 12, 1964.

3. Rail Conveyer System (Stewart Engineering and Equipment Company, \$10,251)

No one has seen it since the dedication on March 12, 1964.

It has developed that there are 1,500 linear feet of 440 volt circuit without protecting cover. It was felt that, for safety's sake, it will be necessary to cover the conduit. The cost will be about \$1,400.

D. Plaques

They are installed.

E. Roads, Parking and Landscaping (Wright Bros. Paving and Dirt Work, \$21,969.15)

The project is between 70 and 80 percent complete.

2683. LibraryBook Return

After further study, the Campus Planning Committee is of the opinion that a book drop which could be reached from an automobile is not feasible and recommends that, if the Library and Student Council wish, a study will be made of a walk-up book drop.

2684. Museum

Mr. Barrick has been unable to find anyone who is available and capable of preparing the floor plans for the industrial unit. He will check among his faculty and staff members to see if he can now find someone with time.

2685. Music Building

A study has been made on the facilities for office space, and Mr. Barrick is attempting to check it with Dr. Hemmle.

2686. Naval Training CenterA. Lease

A few provisions of the proposed lease are unacceptable to the College, and the differences are being reconciled.

B. Present Facilities

The CPC voted to recommend that the Navy be requested to let the College have the facilities on the present site at Eighth and College when the move is made to the new facilities on Fourth Street.

The meeting adjourned at 11:35 a.m. to reconvene at an agreed time.

2687. Office of Room Reservations

The present arrangements call for Mrs. Bates and the Food Service staff to move to the Central Food Facilities as soon as they are available. At that time, it is planned for Mr. Moore, Dean Garner and Mr. Willingham's successor to move to the offices vacated by Food Service. Additional space will be needed, and Mr. Moore has filed a request.

It was the consensus that it is essential to provide additional facilities at the site in order to provide for the enlarged dormitory operation, pending a final decision on whether or not the corner shall be used for a major educational and general building. It is felt that if the corner is to be used in the future, it could be as late as the mid 70's.

Mr. Barrick was requested to work with Mr. Moore to study the possible addition.

2688. Playa Lakes

The playa lakes are practically finished, and it is a neat-looking job.

2689. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)A. Speech (\$459,000)1. Construction Progress

The Speech Building is finished.

2. Final Acceptance

The Theater is finished on the inside, and the Speech Department has been using the stage for approximately a month. A few items and some clarifications are needed before final recommendation for acceptance is made.

B. Walks, Drives and Parking Lots (Frank Hodges, \$7,884)

The project is finished but not accepted as of this time.

2690. Walks in Front of Administration, Chemistry and Social Sciences Buildings

A very great deal of work needs to be done, and it could be rather expensive. It was agreed that an attempt will be made to determine the amount of funds which might be available, if any, and plan according to the money and priority list.

2691. Walk from Music Building to Student Union

The walk is complete.

M. L. Pennington
Chairman

The meeting adjourned at 10:35 a.m.

Campus Planning Committee
 April 7, 1964
 Attachment No. 517
 Item 2679

UTILITIES ENGINEERING & MANAGEMENT COMPANY
 1411 Ferndale Avenue
 Dallas, Texas 75224

Whitehall 8-7155
 March 6, 1964

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

Dear Mr. Pennington:

Mr. M. M. Hatcher has asked me to give to you some preliminary information relative to results that you could attain by installing an ON-SITE generating plant to furnish your electrical requirements.

The information herein must be considered approximate but nevertheless is reasonably close to what a detailed study would show. The only data that I have to work from so far is that contained in Mr. Price's letter to me of March 4th, of which you were sent a copy.

Minimum and maximum demands at various periods of operation in various months would dictate the most applicable sizes of units - also which ones should be turbine and/or engine drive. I have estimated demands at various times during a twelve months period by assuming certain reasonable load factors. This letter is based on an average result that could be obtained with the use of certain sizes of both types of units, and is as follows:

Cost of purchased power - Sept. '62 - Aug. '63 - \$200,271

Cost to generate in your own plant including natural gas fuel at 21 cents per MCF and all operating and maintenance costs; but not including additional personnel except one chief engineer or superintendent as it is assumed that present personnel in your heating plant could furnish all required routine operations - \$ 66,000
 EXPECTED ANNUAL SAVINGS BY GENERATION ONLY - \$134,271

In addition there would be recoverable heat from exhaust gases that would reduce your present gas fuel bill by approximately - \$ 20,000
 TOTAL ESTIMATED SAVINGS - \$154,271

This waste heat could be utilized to furnish a large block of air conditioning by steam - absorption process.

Naturally, a proper Engineering Study that would require considerable field work will reveal many interesting things regarding such an installation. We would like to meet with you, Mr. Hatcher and I, to discuss the many advantages and possibilities of an ON-SITE generating plant at your College.

Very truly yours,

UTILITIES ENGINEERING & MANAGEMENT CO.

By /s/ V. A. Pendleton

V. A. Pendleton

VAP:ej (b)
 cc: Mr. M. M. Hatcher

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 214

April 9, 1964

A meeting of the Campus Planning Committee was held at 2 p.m. on Thursday, April 9, 1964, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. John G. Taylor and Dr. Bill Kitchens were present. Also, Mr. Gregg Chappell, Field Engineer of the HHFA, was present.

2692. Dormitory and Dining Facilities (Project CH-Tex-150(D))

Units B and C (H. A. Lott, Inc., \$2,788,420.40 - August 1, 1964
\$3,513,215.13 - August 1, 1964)

Walks, Drives and Parking Lots

Bids were opened and read aloud at 2 p.m. on April 9, 1964, in Room 120 of the Administration Building in the presence of ten interested persons.

Frank Hodges of Lubbock was low bidder on the walks in the amount of \$37,139.00 and Kerr Construction Company of Lubbock was low bidder on the street and parking lots in the amount of \$58,973.40. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 518, page 1548)

The CPC voted to recommend the award of a contract for the walks to Frank Hodges in the amount of \$37,139.00 and the contract for the street and parking lots to Kerr Construction Company of Lubbock in the amount of \$58,973.40, subject to the approval of the HHFA.

The total amount of the bids is \$96,112.40 and it is anticipated that \$88,373.40 of the amount will be paid from funds borrowed from the HHFA, subject to HHFA approval, and \$7,739.00 will be paid from college construction funds. The final amount will be determined by application of the unit prices to the actual amounts installed.

2693. Entrance Marker

Architects

When the project first started, the Saddle Tramps were to pay the architects for the preliminary studies and plans. At that time, it was anticipated that the project would be rather small, and the Saddle Tramps could afford the architects' fee. However, the project grew substantially as the plans developed, and the Saddle Tramps were asked to use their funds to finance the campaign to raise money. They have expended more than \$1,500.00 to date, although their original commitment was less.

The CPC voted to recommend that payment to the architects be made from donated funds rather than Saddle Tramp funds.

M. L. Pennington
Chairman

The meeting adjourned at 3 p.m.

Campus Planning Committee
 April 9, 1964
 Attachment No. 518
 Item 2692

BID TABULATION
 Walks, Drives and Parking Areas
 HHFA Project No. CH-Tex-150(D)
 Unit B and C

Contractor	BID BOND	ADDENDA ACKNOWLEDGED	BASE BID A	BASE BID B
Frank Hodges	X	X	\$37,139.00	No
Welch Brothers	X	X	38,174.00	No
Kerr Construction Co.	X	X	No	\$58,973.40
Pioneer Pavers, Inc.	X	X	No	62,791.00
J. E. Dunaway		NO BID		
W. B. Abbott, Jr.	X		39,827.00	61,317.50
Bill Hood		NO BID		

\$ 58,973.40
 37,139.00
 \$ 96,112.40

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

AGENDA FOR THE JOINT MEETING OF THE
CAMPUS AND BUILDING COMMITTEE AND CAMPUS PLANNING COMMITTEE
TO BE AT 4:15 P.M. IN THE OFFICE OF THE PRESIDENT

2694. Building Signs

*no action
to get some
more information*
The cost of metal signs in keeping with the sample on Horn Hall, will cost approximately \$150 per building and the CPC feels that signs in the yard would be more functional, flexible and economical.

Consider the CPC's recommendation that only the bronze markers in the yards be used to designate the buildings.

Ord. - Hall for next meeting -

2695. Burlington Engine

Info. only
The fence and lights are now installed on the College spur, and Dr. Holden has notified the company that the College is ready to accept delivery of the engine.

Info. only
2696. Classroom-Office Building (New)

OK
The CPC was to have a recommendation for the site and architects at this meeting. However, studies have failed to reveal the proper location and it is requested that the recommendation be postponed until the next meeting.

Ord. OK
2697. Dormitory and Dining Facilities (Project CH-Tex-150(D))

OK
Units B and C (H. A. Lott, Inc., \$2,788,420.40 - August 1, 1964
\$3,513,215.13 - August 1, 1964)

Walks, Drives and Parking Lots

Consider the recommendation of the CPC to award the contract for walks to Frank Hodges of Lubbock, the low bidder, in the amount of \$37,139.00, subject to HHFA approval.

Consider the recommendation to award the contract for streets and parking lots to the Kerr Construction Company of Lubbock, the low bidder, in the amount of \$58,973.40, subject to HHFA approval.

The two bids total \$96,112.40 and it is anticipated that \$88,373.40 of the amount will be paid from funds borrowed from the HHFA and \$7,739 will be paid from College construction funds, subject to HHFA approval. The final amount will be determined by application of the unit prices in the bids.

nk

2698. Entrance Marker

Architects

OK When the project first started, the Saddle Tramps were to pay the architects for the preliminary studies and plans.

At that time, it was thought that the project would be rather small and the Saddle Tramps could afford the architects' fee. However, the project grew as the plans developed and the Saddle Tramps were asked to use their funds to finance the campaign to raise the funds and they have expended more than \$1,500 to date, although their original commitment was much less.

Consider the recommendation of the CPC to allow payment to the architects from donated funds.

2699. Housing (Other) and Food Service

OK Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls - November 1, 1964, and Central Food Facilities, September 1, 1964 (J. R. Francis General Contractor, Inc., \$1,480,157.10)

Architects

The bidding of kitchen equipment was not part of the architects' contract but it developed that it was necessary for them to prepare the plans and specifications for bidding in order to coordinate the overall bidding for the projects. In providing the services to the College, the architects were required to go to considerable expense.

Consider the recommendation of the CPC to reimburse the architects for the direct expenses involved in the bidding of the kitchen equipment in the amount of \$833.68.

2700. Infirmary (DeWitt and Spencer - \$71,000)

OK Consider the recommendation of the CPC for approval of the plans and specifications.

OK As the contract will be rather small and it is essential to move as rapidly as possible in order to have the addition available when school starts in September, consider the recommendation of the CPC that the Building Committee be authorized to award the contract between meetings.

~~2701. Museum~~

2701. Naval Training Center

OK Consider the recommendation of the CPC that the Navy be requested to let the College have the facilities at the corner of Eighth and College when the new Training Center is completed on Fourth Street.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 215

April 10, 1964

A meeting of the Campus and Building Committee of the Board of Directors and the Campus Planning Committee was held at 4:15 p.m. on April 10, 1964, in the Office of the President.

Members of the Building Committee present were Mr. Wilmer Smith and Mr. Harold Hinn. Other members of the Board of Directors attending were Mr. Manuel BeBusk, Mr. Alvin R. Allison, Mr. Charles D. Mathews and Mr. R. Wright Armstrong.

Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Others present from the College were Dr. R. C. Goodwin, Mr. J. Roy Wells, Mr. W. H. Butterfield, Mr. O. R. Downing, Mr. John G. Taylor and Mr. R. B. Price.

In order that the results of the meeting of the Board of Directors may be included in the Campus Planning Committee Minutes for record purposes, the action taken by the Board at the meeting on April 11, 1964, will follow that of the Campus and Building Committee for each item.

2694. Building Signs

Agreed to hold the question of signs on buildings for the May meeting of the Board of Directors.

(The Board of Directors approved.)

2695. Burlington Engine

For informational purposes, the CPC reported that the fence and lights are now installed on the College spur and that Dr. Holden has notified the company that the College is ready to accept delivery of the engine.

2696. Classroom-Office Building (New)

Agreed to allow additional time for selection of the site and architects, with a report to be made at the next meeting.

(The Board of Directors approved.)

2697. Dormitory and Dining Facilities (Project CH-Tex-150(D))

Units B and C (H. A. Lott, Inc., \$2,788,420.40 - August 1, 1964
\$3,513,215.13 - August 1, 1964)

Walks, Drives and Parking Lots

Awarded the contract for walks to Frank Hodges of Lubbock, the low bidder, in the amount of \$37,139.00, subject to HHFA approval.

Awarded the contract for streets and parking lots to the Kerr Construction Company of Lubbock, the low bidder, in the amount of \$58,973.40, subject to HHFA approval.

The two bids total \$96,112.40 and it is anticipated that \$88,373.40 of the amount will be paid from funds borrowed from the HHFA, subject to HHFA approval, and \$7,739.00 will be paid from the College construction funds. The final amount will be determined by application of the unit prices in the bids.

(The Board of Directors approved.)

2698. Entrance Marker

Authorized payment of the architects' fees from donated funds.

(The Board of Directors approved.)

2699. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls - November 1, 1964, and Central Food Facilities, September 1, 1964 (J. R. Francis General Contractor, Inc., \$1,480,157.10)

Authorized reimbursement to the architects for the direct expenses involved in the bidding of the kitchen equipment in the amount of \$833.68.

(The Board of Directors approved.)

2700. Infirmery (DeWitt and Spencer - \$71,000)

Approved the plans and specifications.

As the contract will be rather small and it is essential to move as rapidly as possible in order to have the addition available when school starts in September, accepted the recommendation of the CPC that the Campus and Building Committee be authorized to award the contract between meetings.

(The Board of Directors approved.)

2701. Museum Complex at Fourth and Indiana

Instructed the CPC to prepare a list of acceptable architects and agree with the Museum people on a firm to do the work. The Museum people are to make an agreement with the architects, and the architects are to start planning, working with the Museum and the CPC, and the results are to be presented at the next meeting of the Board of Directors.

The architects are to lay out the Museum complex in general, the main building in particular, and the Industrial Unit as precisely as possible, in order to provide selling material for the Museum to start raising funds. The Industrial Unit should be fairly complete, with materials, colors, etc. The overall results should be a picture of the complex.

(The Board of Directors approved.)

2702. Naval Training Center

Authorized the College to request the Naval Training Center facilities at the corner of Eighth and College when the new Center is completed on Fourth Street.

(The Board of Directors approved.)

M. L. Pennington
Chairman

The meeting adjourned at 5:45 p.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 216

April 16, 1964

A meeting of the Campus Planning Committee was held at 10 a.m. on Thursday, April 16, 1964, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. O. R. Downing and Mr. John G. Taylor were present.

2703. Minutes

Correct the Minutes of Meeting No. 215 to show that Mr. J. Edd McLaughlin was present.

2704. Campus Lights for Library, Student Union, Music Building, Horn, Knapp, Drane, Doak and Weeks Areas

Mr. Downing reported that the 500-watt lamps have been installed in the poles to the north and east of the women's new dining hall (Unit A). The members of the CPC are to check to see if there is now adequate intensity.

2705. Classroom-Office Building (New)

Mr. Barrick reported that his staff is making various studies of the area to the southwest of the Library and he will notify the CPC when the studies are available for presentation and consideration.

2706. Museum

A very great deal of discussion ensued on the type of architects to seek for the Museum Complex. It was agreed that there could be merit in securing the most experienced and capable architects available, for at least the original layout and design.

As a good bit of the philosophy will be academic until it is discussed with the Museum representatives, it was agreed to recommend Ed Stone of New York, Pitts, Mebane, Phelps & White of Beaumont, and Pearce & Pearce of Houston, as possible architects.

2707. Office of Room Reservations

It was agreed to recommend the addition of approximately 2,000 square feet to the present office and that it be of economical construction, in view of the fact that the long-range need for the site is not known.

It was agreed that a check would be made to see if it would be feasible to handle the construction by the employment of an additional person in Mr. Barrick's office rather than employing outside architects.

M. L. Pennington
Chairman

The meeting adjourned at 11:30 a.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 217

May 19, 1964

A meeting of the Campus Planning Committee was held at 9 a.m. on Tuesday, May 19, 1964, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. O. R. Downing and Mr. John G. Taylor were present.

2708. Approval of Minutes

On motion by Mr. Urbanovsky, seconded by Mr. Barrick, the Minutes of Meetings Nos. 213, 214, 215 and 216 were approved.

2709. President's Approval of Minutes

President Goodwin approved the Minutes of Meetings Nos. 213 and 214 on April 11, 1964, 215 on April 14, 1964, and 216 on April 20, 1964.

2710. Bookstore Addition (H. A. Padgett, Jr., \$238,499 - August 1, 1964)

A. Construction Progress

The construction progress seems to be on schedule. The project is closed in, the stone trim is being installed and the interior framing is up.

B. Fixtures

A purchase order has been issued to the Rutledge Store Fixtures Company of Lubbock, the low bidder, in the amount of \$5,607.90.

2711. Burlington Engine

The engine has yet to arrive.

2712. Campus Lights for Library, Student Union, Music Building, Horn, Knapp, Drane, Doak and Weeks Areas

Mr. Downing had the 500-watt globes substituted promptly after the last meeting, and it was the consensus that the lights are satisfactory with the 500-watt globes.

It was agreed to proceed with a recommendation for the light installation, subject to the availability of funds. Approximately 83 light poles will be needed at an estimated cost of \$200, which would make a total estimated cost of \$16,600. The Student Union can supply \$1,000, the Ex-Students Association has expressed an interest and perhaps dormitory concession funds can be used for the balance.

(Dr. R. C. Goodwin entered the meeting at 11:30 a.m. and remained until the recess at 12:10 p.m. The meeting reconvened at 1:30 p.m.)

2713. Classroom-Office Building (New)A. Site

After very careful consideration, it was agreed to recommend a site to the west and a bit north of the new Speech Building, the final site to be pin pointed after the architects have been selected and made a study.

B. Architects

It was agreed to recommend the following architects in the order of priority:

1. Pitts, Mebane & Phelps
2. DeWitt & Spencer
3. Davis, Foster, Thorpe & Associates

The fee to be 5 percent, with the Supervising Architect's staff to program the project.

C. Financing (\$1,500,000)

The notes were promptly delivered after the last meeting of the Board of Directors, and funds invested in time-deposit open account as approved by the Finance Committee of the Board.

It doesn't much look at the moment as if Federal matching funds will be available, although such a possibility should be kept in mind and funds obtained if at all possible.

D. Time Schedule

The following time schedule was recommended:

October 24, 1964 - Presentation of preliminary plans and specifications

February 13, 1965 - Presentation of final plans and specifications

April 10, 1965 - Contract award

July 1, 1966 - Completion

2714. Dormitory and Dining Facilities (Project CH-Tex-150(D))A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)1. Landscaping

A few minor items remain to be done but, for all practical purposes, the landscaping is complete.

Mr. Moore entered the meeting.

2. Heating and Air Conditioning

From time to time, there are still problems with the air conditioning. The company has ordered some new rheostats for the control panels, with the hope they will correct the problems.

3. Mortar in the Brick and Stone

The architects have reported that the contractor has made some progress.

2714. Dormitory and Dining Facilities (Project CH-Tex-150(D) (continued)B. Units B and C (H. A. Lott, Inc., \$2,788,420.40 - August 1, 1964
and \$3,513,215.13 - August 1, 1964)1. Construction Progress

Unit B is practically complete and is undergoing final checking now. Progress on Unit C is good, and the contractor is probably 30 days from completion.

2. Kitchen and Dining Room Equipment
(Commercial Kitchens, Inc., \$206,766)

The installation of equipment in Unit B is complete, and the preliminary check has been made. The final inspection will be made at the time of that on the building. All of the equipment in Unit C is in place but has not been connected.

3. Movable Equipment

The movable kitchen equipment in both Units B and C is in place.

Mr. Moore reported that the requests for bids are out and will be opened in Room 219 of the Administration Building at 3 p.m. on May 28, 1964, for the following furniture, which will be bought in five sections:

1. 1,862 room chairs.
2. Cafeteria tables and chairs for Units B and C, and the new Consolidated Facilities, and the tables and chairs for the upper lounges in the men's halls.
3. Equipment for men's and women's downstairs lounges except as shown elsewhere.
4. Coffee tables, side tables, love seats, etc., for the men's and women's lounges and the women's upper lounge.
5. Mattresses.
6. Office and mail room equipment. (The office furniture for the Central Food Service is also included on this order.)
7. Chairs and tables for the snack bar area in the men's halls.

Specifications are now in process of development for furniture and equipment for the apartments. The floor lamps, floor coverings, ash urns and pianos still remain to be purchased.

Including the estimates for the pianos and rugs, the total amount is \$168,280 for Units B and C, excluding the items for the Consolidated and Central Food Facilities.

4. Walks, Drives and Parking Lotsa. Walks (Frank Hodges, \$37,139)

As of yet, the HHFA has not concurred in the award of the contract. A call will be made to the HHFA to check on the status.

b. Streets and Parking Lots (Kerr Construction Company,
\$58,973.40)

HHFA has not yet concurred in the award of the contract. A call will be made to check on the status.

2714. Dormitory and Dining Facilities (Project CH-Tex-150(D) (continued)

B. Units B and C (H. A Lott, Inc., \$2,788,420.40 - August 1, 1964
and \$3,513,215.13 - August 1, 1964)

4. Walks, Drives and Parking Lots

c. Supervision

Arrangements have been made for Dr. Marvin Dvoracek to provide the supervision.

5. Concrete Tunnels and Extension of Underground Facilities (Anthony Co., \$155,000)

It was agreed to recommend a final acceptance date of April 6, 1964.

2715. Entrance Marker

A. Amount of Funds

The total amount of gifts received as of May 18, 1964, is \$10,121.48 with bills on hand to be paid in the amount of \$1,085.48, leaving a net amount of \$9,036. The Ex-Students Association has pledged \$2,500.

B. Architects

The architects are still studying the possibilities of a first unit and the cost.

2716. Final Inspections and Supervision

Mr. Barrick, Mr. Taylor and Mr. Downing have met and drafted the first proposed procedure, which has been studied, and a meeting will be arranged as soon as possible to prepare a revised draft.

2717. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls - November 1, 1964, and Central Food Facilities, September 1, 1964 (J. R. Francis General Contractor, Inc., \$1,480,157.10)

Construction Progress

The contractor is approximately six weeks behind, and concern has been expressed to him by the architects over the delay. He has been requested to submit a revised construction schedule.

Equipment

For the Central Food Facilities, approximately \$16,000 of bakery equipment consisting of small pots, pans, kettles, etc., and \$4,000 in office equipment will be needed. Also, there will be two delivery trucks to purchase.

In the Consolidated Food Service Unit, there will be approximately \$8,000 of additional kitchen equipment needed over and above that now in use and on hand.

It was agreed to get prices and take another look at the advisability of installing Simplex time clocks.

2718. Infirmmary (DeWitt & Spencer, \$71,000)A. Contract

In keeping with approval of the Board of Directors, bids were opened and read aloud at 2 p.m. on May 14, 1964, in the Aggie Auditorium in the presence of 20 interested persons. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 519, page 1558)

The CPC, on recommendation of the architects, voted to recommend a contract award to C. M. Pharr Construction Company of Lubbock, the low bidder, in the amount of \$47,888. The Board of Directors authorized the Building Committee of the Board to award the contract between meetings.

B. Time Schedule

It is anticipated that the contractor will start work on June 1, 1964, and the scheduled completion date is September 1, 1964, and there is a liquidated damage clause of \$100 per day thereafter in the contract.

2719. Killgore Beef Cattle Center (Walter E. Wirtz, \$378,839)A. Equipment

The equipment which has been delayed pending a strike at the manufacturer's plant is scheduled for delivery this week.

B. Feed Mill1. Equipment and Foundation (Brown-McKee, \$62,838)

The project is practically complete. Dr. Ellis has forwarded, through Dr. Ulich, his punch list. Mr. Barrick has checked it and requested the contractor to make the corrections with the understanding that the final inspection will be made later.

2. Building and Rail Cover (Stout Steel Builders, \$9,795)

The project is practically complete. Dr. Ellis has forwarded, through Dr. Ulich, his punch list. Mr. Barrick has checked it and requested the contractor to make the corrections, with the understanding that the final inspection will be made later.

3. Rail Conveyer System (Stewart Engineering and Equipment Company, \$10,251)

The project is practically complete. Dr. Ellis has forwarded his punch list through Dr. Ulich. Mr. Barrick has checked it and requested that the contractor make the corrections, with the understanding that the final inspection will be made later. The cover is in the process of being fabricated and will be installed later.

C. Roads, Parking and Landscaping (Wright Bros. Paving and Dirt Work, \$21,969.15)

The contractor is supposed to finish this week.

D. Visit

It was agreed that all interested persons will make a trip to the site at the first propitious opportunity.

2720. Museum

A meeting was held on April 30, 1964, to discuss the CPC's recommendation on architects, and was attended by Mr. Harold Hinn, Mr. Alvin R. Allison, Dr. R. C. Goodwin and Dr. W. M. Pearce; Museum representatives, Mr. Mark Hailey, Mr. George Wilson, Mr. Retha Martin and Dr. W. C. Holden; and CPC representatives, Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington.

Architects

It was agreed to contact the Associated Architects and Engineers of Lubbock, and a meeting was arranged for lunch that day.

It seemed to be the consensus that the Museum group would spearhead the contact with the architects and that they would work with and through the CPC to the President and the Board of Directors, and final approval would rest with the Board of Directors.

All present were told that the Board does not want any more delays.

No report has been received as yet from the Museum group or the architects. Mr. Hailey told Mr. Barrick that he was under the impression he would present the developments at the next Board meeting. However, Mr. Barrick suggested it might be well to meet with the CPC. Later, Mr. Hailey told him that the Museum group was to meet with the architects last Saturday, but no report has been received from that meeting. Mr. Hailey was to let Mr. Barrick know if they were ready to meet with the CPC.

2721. Naval Training CenterA. Lease

Suggested changes have been sent to the Navy, but no reply has been received as yet.

B. Present Facilities

The formal request has been made to the Navy for the present facilities when the operations are moved to the Fourth Street site.

2722. Office of Room Reservations

Mr. Barrick has made arrangements with an architect who will work part-time and begin preparation of the studies on Monday of next week.

2723. Traffic and Security Facilities

Chief Daniels and Mr. Downing are making preliminary studies on the needs and possibilities.

M. L. Pennington
Chairman

The meeting adjourned at 2:35 p.m.

Bid Tabulation:

May 14, 1964

AN ADDITION TO THE LEN & HARRIET McCLELLAN
 MEMORIAL INFIRMARY
 TEXAS TECHNOLOGICAL COLLEGE
 LUBBOCK, TEXAS

Contractor	Base Bid	Ack. Add.	Bond
W. B. Abbott	\$ 51,673	X	X
H. R. Bundock	51,200	X	X
Jerry Gailey			
Knox, Gailey & Meador			
Mitchell Construction	54,500	X	X
C. M. Pharr	47,888	X	X
Tatum Construction Company	51,386	X	X

DeWITT & SPENCER
 ARCHITECTS - ENGINEERS

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

AGENDA FOR THE BUILDING COMMITTEE MEETING
TO BE HELD IN THE OFFICE OF THE PRESIDENT
3:30 P.M. - MAY 29, 1964

2725.
2724. Campus Lights for Library, Student Union, Music Building,
Horn, Knapp, Drane, Doak and Weeks Areas OK

Consider the recommendation for the installation of 83 lamp posts of the same design as those at the women's new dormitory, at an estimated cost of \$200 each (total estimated cost, \$16,600), in the above mentioned areas, in order to more adequately light the areas primarily for the women students.

Use of Funds - \$1,000 from the Student Union, as offered, some from the Ex-Students Association, if it is available, as an interest has been expressed, and the rest to come from dormitory concession funds.

Relg. Comm. to approve - OK Bld.

~~2725. Classroom-Office Building (New)~~

~~A. Site~~

~~Consider the recommendation of a site west and a bit north of the Speech Facilities, the exact spot to be pin pointed after the architects have been engaged and a complete study made.~~

~~B. Architects~~

~~Consider recommendations as follows:~~

- ~~1. Pitts, Mebane & Phelps~~
- ~~2. DeWitt & Spencer~~
- ~~3. Davis, Foster, Thorpe & Associates~~

*eliminated
by Board*

~~C. Time Schedule~~

~~Consider the following recommended time schedule:~~

- ~~October 24, 1964 - Presentation of preliminary plans and specifications~~
- ~~February 13, 1965 - Presentation of final plans and specifications~~
- ~~April 10, 1965 - Contract Award~~
- ~~July 1, 1966 - Completion~~

2726. Dormitory Renovation (Horn and Knapp Halls)

OK Bid.

OK
Horn and Knapp Halls are scheduled for major renovation during the coming summer. The buildings were last painted during the summer of 1954.

At 2 p.m. on May 21, 1964, bids were opened and read aloud in the presence of 12 interested persons for the painting of Horn and Knapp Halls. A copy of the bid tabulation is attached.

Consider the recommendation to award the contract to H. M. Rinehart, Jr., of Lubbock, the low bidder, in the amount of \$18,256.

2727. Infirmary (DeWitt & Spencer, \$71,000)

OK Bid.

OK
Contract Award

(As shown in Item No. 2718, page 1556 of the CPC Minutes, Meeting No. 217)

In keeping with past procedures, the Board of Directors needs to approve the action of the Building Committee in awarding the contract to C. M. Pharr Construction Company of Lubbock, the low bidder, in the amount of \$47,888.

2728. Museum

OK Bid.

OK
(Representatives of the Museum group and the architects will be available for the discussion of this item, and have been asked to appear at 4 p.m.)

Consider the attached recommendation of the Museum group to employ the Associated Architects & Engineers of Lubbock, to do the work stipulated in the attachment which was submitted by Dr. Holden.

Due to the uncertainty of the work to be involved, the proposal is on a cost plus fixed fee basis, the amount will be finally determined by the work requested of the architects. The cost will be paid by the Museum. The Chairman should be authorized to approve the contract in the name of the Directors.

2729. Parking Lots

Bldg. Comm. approve
contracts
OK Bid

OK
A. West Engineering Building

Consider the recommendation of the Traffic-Security Commission to install a reserve parking lot with gate at the rear of the West Engineering Building. The estimated cost is \$9,552 for 186 car capacity, the lot to have curb and gutters installed and to be re-surfaced; the amount to be paid from accumulated funds for Reserved Parking Lots.

B. North of Women's New Dormitory, Unit B

Consider the recommendation of the Traffic-Security Commission to construct a parking lot with a caleche base and two courses of tar for 440 car capacity, without curb and gutters, at an estimated cost of \$15,120, and a walk estimated at \$1,800; the amount to be paid from accumulated funds for Parking Lots.

Ref

2730. Walks (Administration Building)

OK

The existing walks are woefully inadequate, the students are wearing out the grass, the soil is beginning to blow, and the appearance is becoming rather shoddy.

Consider the recommendation to use brick for additional walks, in keeping with design prepared by Mr. Urbanovsky and his staff. The brick installation would be more attractive and last longer than concrete. The bricks would be set in sand and installed by Grounds personnel as time permits. The job would be completed not later than March 1, 1965. The estimated cost of the bricks is \$12,500 - \$10,000 of the amount to be paid from campus concessions and \$2,500 from the Building Funds of 1949.

*Mr. Armstrong
does it
become slick?*

Bid Tabulation

REPAINTING HORN AND KNAPP HALL DORMITORIES
TEXAS TECHNOLOGICAL COLLEGE
LUBBOCK, TEXAS

May 21, 1964

CONTRACTOR	BID SECURITY	BASE BID	PLASTER PATCHING ALLOWANCE
M. L. Adams	X	\$20,725.00	\$450.00
Jones Brothers	X	\$23,990.00	\$850.00
H. M. Rinehart, Jr.	X	\$18,256.00	\$650.00

THE MUSEUM
Texas Technological College
Lubbock, Texas

May 19, 1964

Mr. M. L. Pennington, Chairman
Campus Planning Committee
Campus

Dear Mr. Pennington:

The Executive Committee of the Museum Association met yesterday and voted unanimously to recommend to the Campus Planning Committee the employment of Associated Architects and Engineers of Lubbock to prepare a Master Plan for the future Museum in accord with the attached proposal, including all options, submitted by Associated Architects and Engineers of Lubbock, the fees to be paid by the Museum Association, and charged to Account 391-2490.

Should the Campus Planning Committee be in accord with this recommendation, the Executive Committee will be grateful if the Campus Planning Committee will submit the matter to the Building Committee of the Board, and to the Board for approval at the next meeting of the Board.

The Committee wishes me to say that should the Campus Planning Committee, the Building Committee of the Board, or the Board desire further information that either Mr. Hailey, Mr. Whitcomb, or Mr. Wilson (whichever one may be available at the moment) will be glad to appear and enlarge on the matter as it is now understood by the Executive Committee.

Sincerely yours,

/s/ W. C. Holden

W. C. Holden, Director

Marshall:

The Executive Committee also expressed the hope that the CPC will execute the contract for this Master Plan project in the same manner as any other college contract of similar nature. Your experience and judgment are most valuable, and it will be appreciated if you will carry on from here.

C.

These costs would include a 15 percent discount on final plans of any or all units built in 5 years, if done by this group.

MUSEUM MASTER PLAN

C.

RESEARCH

3 Princ x 5.00 x 40 hours =	\$600.00	
Plus 30% =	180.00	
	<u>\$780.00</u>	\$780.00
Trips: 3 Princ @ 3 days @ \$50/day		
Transportation		\$450.00
Car Rental		240.00
Hotel (4 persons, 2 rooms, 1 night)		30.00
		<u>60.00</u>
SUBTOTAL RESEARCH.....		\$1,560.00

SCHEMATIC SITE PLAN

FIRST PHASE

Designer	3.00 x 80 hrs. =	\$240.00	
	Plus 30% =	72.00	
		<u>\$312.00</u>	\$312.00
1 Princ x 40 hrs. x 5.00 =	\$200.00		
Plus 30% =	60.00		
	<u>\$260.00</u>		\$260.00
Conferences:			
3 Princ x 2 hrs. x 4 meetings			
x 5.00 =	\$120.00		
Plus 30% =	36.00		
	<u>\$156.00</u>		\$156.00
2 meetings with Dr. Holden's Staff			
3 Princ x 3 hrs. x 2 meetings			
x 5.00 =	\$ 90.00		
Plus 30% =	27.00		
	<u>\$117.00</u>		\$117.00
Mechanical Consultants			\$500.00

SECOND PHASE

Designer	($\frac{1}{2}$ first phase)	\$156.00
Principal	($\frac{1}{2}$ first phase)	130.00
Conferences	($\frac{1}{2}$ first phase)	78.00
Staff Meeting	($\frac{1}{2}$ first phase)	59.00

THIRD PHASE

Designer	(same as second phase)	\$156.00
Principal	(same as second phase)	130.00
Conferences	(same as second phase)	78.00
Staff Meeting	(same as second phase)	<u>59.00</u>

SUBTOTAL SITE PLANNING..... \$2,191.00

MUSEUM MASTER PLAN "

EXTERIOR DESIGN

FIRST PHASE

Designer 40 hrs. x 3.00 =	\$120.00	
Plus 30% =	<u>36.00</u>	
	\$156.00	\$156.00
Principal 20 hrs. x 5.00 =	\$100.00	
Plus 30% =	<u>30.00</u>	
	\$130.00	\$130.00
Conferences:		
3 Princ x 2 hrs. x 2 meetings		
x 5.00 =	\$ 60.00	
Plus 30%	<u>18.00</u>	
	\$ 78.00	\$ 78.00
Staff Meeting:		
3 Princ x 3 hrs. x 5.00 =	\$ 45.00	
Plus 30% =	<u>14.00</u>	
	\$ 59.00	\$ 59.00

SECOND PHASE

Same as first phase \$423.00

THIRD PHASE

Same as first phase \$423.00

SUBTOTAL EXTERIOR DESIGN.....\$1,269.00

PRESENTATION DRAWINGS

1 Designer 80 hrs. x 3.00 =	\$240.00	
Plus 30%	<u>72.00</u>	
	\$312.00	\$312.00
Principal 12 hrs. x 5.00 =	\$ 60.00	
Plus 30% =	<u>18.00</u>	
	\$ 78.00	\$ 78.00

SUBTOTAL PRESENTATION DRAWINGS.....\$ 390.00

TOTAL EXPENSE.....\$5,410.00

FIXED ARCHITECTURAL AND ENGINEERING FEE.....\$1,500.00

ESTIMATED MASTER PLAN FEE.....\$6,910.00

MUSEUM MASTER PLAN

MODEL CONSTRUCTION (OPTIONAL)

2 Designers 40 hrs. x 3.00	=	\$240.00	
Plus 30%	=	<u>72.00</u>	
		\$312.00	\$312.00
1 Student 40 hrs. x 2.00	=	\$ 80.00	
Plus 30%	=	<u>24.00</u>	
		\$104.00	\$104.00
1 Principal 6 hrs. x 5.00	=	\$ 30.00	
Plus 30%	=	<u>9.00</u>	
		\$ 39.00	\$ 39.00
Model Materials	=		<u>\$ 50.00</u>

SUBTOTAL FOR MODEL CONSTRUCTION.....\$ 505.00

BROCHURES (OPTIONAL)

3 Princ x 40 hrs. x 5.00	=	\$600.00	
Plus 30%	=	<u>180.00</u>	
		\$780.00	<u>\$780.00</u>

SUBTOTAL FOR BROCHURES.....\$ 780.00

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 218

May 29, 1964

A meeting of the Campus and Building Committee of the Board of Directors and the Campus Planning Committee was held at 3:30 p.m. on May 29, 1964, in the Office of the President.

Members of the Building Committee present were Mr. Wilmer Smith, Mr. Harold Hinn and Mr. Herbert Allen. Other members of the Board of Directors attending were Mr. Manuel DeBusk, Mr. Alvin R. Allison, Mr. R. Wright Armstrong and Mr. Charles D. Mathews.

Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Others present from the College were President R. C. Goodwin, Dr. W. M. Pearce, Mr. W. H. Butterfield, Mr. J. Roy Wells, Mr. O. R. Downing, Mr. John G. Taylor, and Mr. R. B. Price.

In order that the results of the meeting of the Board of Directors may be included in the Campus Planning Committee Minutes for record purposes, the action taken by the Board at the meeting on May 30, 1964, will follow that of the Campus and Building Committee for each item.

2724. Campus Lights for Library, Student Union, Music Building, Horn, Knapp, Drane, Doak and Weeks Areas

- A. Approved the recommendation for the installation of 83 lamp posts of the same design as those at the women's new dormitory, at an estimated cost of \$200 each (total estimated cost, \$16,600), in the above mentioned areas, in order to more adequately light the areas primarily for the women students.

Funds - \$1,000 from the Student Union, some from the Ex-Students Association, if available, as an interest has been expressed, and the rest to come from dormitory concession funds.

(The Board of Directors approved and authorized the Building Committee to approve a contract between meetings.)

2725. Campus Signs

Voted to install signs similar to the sample on Horn Hall on the buildings which appeared on the list some time back. The building Committee is to award the contract between meetings, in order that the signs may be in place by September 1, 1964.

(The Board of Directors approved.)

2726. Classroom-Office Building (New)

The Building Committee and other Board members present took no action on the proposed project.

The Board of Directors took the following actions at the meeting the next day, May 30, 1964:

1. Approved the proposed facility for Mathematics and Foreign Languages, in order to take advantage of possible matching funds from the Government.
2. The general site recommended by the Campus Planning Committee was approved.
3. Pitts, Mebane and Phelps were approved as architects.

2726. Classroom-Office Building (New) (continued)

4. The architects are to prepare preliminary plans and specifications for a building, at an estimated cost of \$900,000 to \$1,350,000. The plans are to be flexible enough to either add or delete facilities.
5. The preliminary plans are to be presented at the October meeting or earlier, as the Directors want to go as far as possible and as fast as possible.
6. Funds from the \$1,500,000 on hand are to be reserved for a Science Research Building in order to secure matching funds which are available now on a dollar-for-dollar basis from the National Science Foundation.

2727. Dormitory Renovation (Horn and Knapp Halls)

Approved a contract award to H. M. Rinehart, Jr., of Lubbock, the low bidder, in the amount of \$18,256, to paint the buildings. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 520, page 1562)

(The Board of Directors approved.)

2728. Infirmary (DeWitt & Spencer, \$71,000)

The Board of Directors approved the action of the Building Committee in awarding the contract to C. M. Pharr Construction Company of Lubbock, the low bidder, in the amount of \$47,888.

2729. Long-Range Plan

The Board of Directors charged the Campus Planning Committee to prepare a long-range plan for physical facilities to 1972.

2730. Museum

Approved the recommendation of the Museum Executive Board to employ the Associated Architects & Engineers of Lubbock, to do the work stipulated in the attachment presented by Dr. Holden. The recommendation is attached to and made a part of the Minutes. (Attachment No. 521, page 1563)

The proposal is on a cost plus fixed fee basis, the final amount to be determined by the work requested of the architects, the cost to be paid by The Museum, and the Chairman authorized to sign the contract in the name of the Directors.

(The Board of Directors approved.)

2731. Parking LotsA. West Engineering Building

Approved the recommendation of the Traffic-Security Commission to install a reserve parking lot with gate at the rear of the West Engineering Building, at an estimated cost of \$9,552 for 186 cars, the lot to have curb and gutters and to be resurfaced; the amount to be paid from accumulated funds for Parking Lots.

(The Board of Directors approved and authorized the Building Committee to approve the contract between meetings.)

2731. Parking Lots (continued)B. North of Women's New Dormitory, Unit B

Approved the recommendation of the Traffic-Security Commission to construct a parking lot with a caleche base and two courses of asphalt for 440 car capacity, without curb and gutters, at an estimated cost of \$15,120, and a walk estimated at \$1,800; the amount to be paid from accumulated funds for Parking Lots.

(The Board of Directors approved and authorized the Building Committee to approve the contract between meetings.)

2732. Walks (Administration Building)

Approved the recommendation to install additional walks to be made of bricks, in the Administration area in keeping with the design prepared by Mr. Urbanovsky and his staff. The bricks will be set in sand and installed by the Grounds personnel as time permits; the job to be completed not later than March 1, 1965; the estimated cost of the bricks is \$12,500; of the amount, \$10,000 is to be paid from campus concessions and \$2,500 from the Building Funds of 1949.

(The Board of Directors approved and authorized the Building Committee to approve a contract between meetings.)

M. L. Pennington
Chairman

Campus Planning Committee
May 29, 1964
Attachment No. 520
Item 2727

Bid Tabulation

REPAINTING HORN AND KNAPP HALL DORMITORIES
TEXAS TECHNOLOGICAL COLLEGE
LUBBOCK, TEXAS

May 21, 1964

CONTRACTOR	BID SECURITY	BASE BID	PLASTER PATCHING ALLOWANCE
M. L. Adams	X	\$20,725.00	\$450.00
Jones Brothers	X	\$23,990.00	\$850.00
H. M. Rinehart, Jr.	X	\$18,256.00	\$650.00

Campus Planning Committee
May 29, 1964
Attachment No. 521
Item 2730

THE MUSEUM
Texas Technological College
Lubbock, Texas

May 19, 1964

Mr. M. L. Pennington, Chairman
Campus Planning Committee
Campus

Dear Mr. Pennington:

The Executive Committee of the Museum Association met yesterday and voted unanimously to recommend to the Campus Planning Committee the employment of Associated Architects and Engineers of Lubbock to prepare a Master Plan for the future Museum in accord with the attached proposal, including all options, submitted by Associated Architects and Engineers of Lubbock, the fees to be paid by the Museum Association, and charged to Account 391-2490.

Should the Campus Planning Committee be in accord with this recommendation, the Executive Committee will be grateful if the Campus Planning Committee will submit the matter to the Building Committee of the Board, and to the Board for approval at the next meeting of the Board.

The Committee wishes me to say that should the Campus Planning Committee, the Building Committee of the Board, or the Board desire further information that either Mr. Hailey, Mr. Whitcomb, or Mr. Wilson (whichever one may be available at the moment) will be glad to appear and enlarge on the matter as it is now understood by the Executive Committee.

Sincerely yours,

/s/ W. C. Holden

W. C. Holden, Director

Marshall:

The Executive Committee also expressed the hope that the CPC will execute the contract for this Master Plan project in the same manner as any other college contract of similar nature. Your experience and judgment are most valuable, and it will be appreciated if you will carry on from here.

C.

These costs would include a 15 percent discount on final plans of any or all units built in 5 years, if done by this group.

MUSEUM MASTER PLAN

C.

RESEARCH

3 Princ x 5.00 x 40 hours =	\$600.00	
Plus 30% =	180.00	
	<u>\$780.00</u>	\$780.00
 Trips: 3 Princ @ 3 days @ \$50/day		\$450.00
Transportation		240.00
Car Rental		30.00
Hotel (4 persons, 2 rooms, 1 night)		<u>60.00</u>
		SUBTOTAL RESEARCH.....\$1,560.00

SCHEMATIC SITE PLANFIRST PHASE

Designer 3.00 x 80 hrs. =	\$240.00	
Plus 30% =	72.00	
	<u>\$312.00</u>	\$312.00
 1 Princ x 40 hrs. x 5.00 =	\$200.00	
Plus 30% =	60.00	
	<u>\$260.00</u>	\$260.00
 Conferences:		
3 Princ x 2 hrs. x 4 meetings		
x 5.00 =	\$120.00	
Plus 30% =	36.00	
	<u>\$156.00</u>	\$156.00
 2 meetings with Dr. Holden's Staff		
3 Princ x 3 hrs. x 2 meetings		
x 5.00 =	\$ 90.00	
Plus 30% =	27.00	
	<u>\$117.00</u>	\$117.00
 Mechanical Consultants		\$500.00

SECOND PHASE

Designer (1/2 first phase)	\$156.00
Principal (1/2 first phase)	130.00
Conferences (1/2 first phase)	78.00
Staff Meeting (1/2 first phase)	59.00

THIRD PHASE

Designer (same as second phase)	\$156.00
Principal (same as second phase)	130.00
Conferences (same as second phase)	78.00
Staff Meeting (same as second phase)	<u>59.00</u>

SUBTOTAL SITE PLANNING..... \$2,191.00

MUSEUM MASTER PLAN //

EXTERIOR DESIGNFIRST PHASE

Designer 40 hrs. x 3.00 =	\$120.00	
Plus 30% =	<u>36.00</u>	
	\$156.00	\$156.00
Principal 20 hrs. x 5.00 =	\$100.00	
Plus 30% =	<u>30.00</u>	
	\$130.00	\$130.00
Conferences:		
3 Princ x 2 hrs. x 2 meetings		
x 5.00 =	\$ 60.00	
Plus 30%	<u>18.00</u>	
	\$ 78.00	\$ 78.00
Staff Meeting:		
3 Princ x 3 hrs. x 5.00 =	\$ 45.00	
Plus 30% =	<u>14.00</u>	
	\$ 59.00	\$ 59.00

SECOND PHASE

Same as first phase		\$423.00
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THIRD PHASE

Same as first phase		\$423.00
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SUBTOTAL EXTERIOR DESIGN.....\$1,269.00

PRESENTATION DRAWINGS

1 Designer 80 hrs. x 3.00 =	\$240.00	
Plus 30%	<u>72.00</u>	
	\$312.00	\$312.00
Principal 12 hrs. x 5.00 =	\$ 60.00	
Plus 30% =	<u>18.00</u>	
	\$ 78.00	\$ 78.00

SUBTOTAL PRESENTATION DRAWINGS.....\$ 390.00

TOTAL EXPENSE.....\$5,410.00

FIXED ARCHITECTURAL AND ENGINEERING FEE.....\$1,500.00

ESTIMATED MASTER PLAN FEE.....\$6,910.00

MUSEUM MASTER PLAN

MODEL CONSTRUCTION (OPTIONAL)

2 Designers 40 hrs. x 3.00	=	\$240.00	
Plus 30%	=	<u>72.00</u>	
		\$312.00	\$312.00
1 Student 40 hrs. x 2.00	=	\$ 80.00	
Plus 30%	=	<u>24.00</u>	
		\$104.00	\$104.00
1 Principal 6 hrs. x 5.00	=	\$ 30.00	
Plus 30%	=	<u>9.00</u>	
		\$ 39.00	\$ 39.00
Model Materials	=		<u>\$ 50.00</u>

SUBTOTAL FOR MODEL CONSTRUCTION.....\$ 505.00

BROCHURES (OPTIONAL)

3 Princ x 40 hrs. x 5.00	=	\$600.00	
Plus 30%	=	<u>180.00</u>	
		\$780.00	<u>\$780.00</u>

SUBTOTAL FOR BROCHURES.....\$ 780.00

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 219

June 6, 1964

A meeting of the Campus Planning Committee was held at 9 a.m. on June 6, 1964, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Mr. O. R. Downing was also present.

2733. Approval of Minutes

On motion by Mr. Urbanovsky, seconded by Mr. Barrick, the Minutes of Meetings Nos. 217 and 218 were approved.

2734. President's Approval of Minutes

President Goodwin approved the Minutes of Meeting No. 217 on May 22, 1964.

2735. Athletes' Kitchen, Dining Room and Study Facilities

A copy of Mr. Moore's summary of the meeting of June 2, 1964, in Sneed Hall, and Mr. Barrick's letter of June 5, 1964, are attached to and made a part of the Minutes. (Attachment No. 522, page 1570)

2736. Bookstore Addition (H. A. Padgett, Jr., \$238,499 - August 1, 1964)

Construction Progress

Progress is very satisfactory, and the contractor seems to be on schedule.

2737. Building Signs

Mr. Urbanovsky and his staff are in the process of preparing the locations of the signs for each building to be named. As far as possible, they are using the names shown in the list which was presented in the past. Some problems are emerging, such as the identifications of the six unnamed dormitories and the Speech Building. Part of the Speech Building will be the University Theater, but will a sign be placed on the north for the Speech and Hearing Clinic? The Textile Engineering Building is the accepted name for the building, but is it now apropos? Pictures are being taken of the various buildings in order that the proposed places for the signs may be indicated.

2738. Burlington Engine

The contract has been signed, and the engine is due to arrive soon.

2739. Campus Lights for Library, Student Union, Music Building, Horn, Knapp, Drane, Doak and Weeks Areas

Approval for installation was obtained at the last meeting of the Board of Directors.

It was agreed that it should be a turn-key job by a contractor. It is necessary to find electrical outlets for the proposed system in order to cross as few streets, roads and walks as possible. Mr. Urbanovsky's and Mr. Downing's staffs will design the plans and specifications, which should be ready in the next ten days or so.

2740. Classroom-Office Building (New)

The site, architects, financing and part of the time schedule were approved at the last meeting of the Board of Directors.

Mr. Barrick has contacted Mr. Pitts, who was pleased to accept the job, and a letter has been dictated to go to Mr. Pitts setting forth the project as known at the moment. Mr. Pitts is scheduled to visit the campus in July, which will be the earliest date that the College personnel will be available. Mr. Barrick will see him at a meeting in St. Louis between now and then.

Mr. Barrick's staff has begun to gather information on the Mathematics and Foreign Languages Departments in order to have it available.

2741. Dormitory and Dining Facilities (Project CH-Tex-150(D))A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)1. Heating and Air Conditioning

Mr. Downing reported that the contractor has replaced the rheostats, and there has been no trouble with the equipment for the past three weeks. It seems to be functioning satisfactorily at this time.

2. Mortar in the Brick and Stone

The contractor has had a crew working fairly continuously on the project for some time now, and has assured the College that the work will be repaired to the owner's ultimate satisfaction.

B. Units B and C (H. A. Lott, Inc., \$2,788,420.40 - August 1, 1964 and \$3,513,215.13 - August 1, 1964)1. Construction Progress

Unit B is very near completion, and Unit C seems to be dragging at the moment.

2. Kitchen and Dining Room Equipment
(Commercial Kitchens, Inc., \$206,766)

The kitchen contractor has completed the installation of all the equipment, but is now waiting for the contractor to finish his work in the area in order to make the final cleanup.

3. Recent orders have been placed with the low bidders as follows:

Thomas Brothers - Room chairs, cafeteria chairs,
Lounge furniture, cafeteria tables - - - \$83,271.80

Miller-Howard Company - Lounge furniture and
tables - - - - - \$5,560.09

4. Walks, Drives and Parking Lotsa. Walks (Frank Hodges, \$37,139)

The contractor has been delayed by rain but has assured the owner that if there is no more rain, construction will start next Thursday morning.

b. Streets and Parking Lots
(Kerr Construction Company, \$58,973.40)

The contractor has been delayed by rain but has assured the owner that if there is no more rain, construction will start Thursday morning.

2742. Dormitory Renovation (Horn and Knapp Halls)
(H. M. Rinehart, Jr., \$18,256)

The contract has been prepared and is in the process of execution. The work order has been issued. The contractor has prepared color samples which have been approved by college personnel, and he has ordered his materials. It is expected that he will start painting next Monday.

2743. Entrance Marker

A. Amount of Funds

The free balance on hand is \$9,231.53. The Ex-Students Association has pledged \$2,500.

B. Architects

A meeting is scheduled with the architects for next week to see if steps can be taken feasibly to provide the first unit.

2744. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls - November 1, 1964, and Central Food Facilities, September 1, 1964 (J. R. Francis General Contractor, Inc., \$1,480,157.10)

1. Construction Progress

Progress on both the Consolidated Food Service Unit and the Central Food Facilities seems to be going very slowly.

2. Equipment

Orders for tables and chairs have been placed with Thomas Brothers Company, the low bidder, in the amount of \$15,448.15.

2745. Infirmary (C. M. Pharr Construction Company, \$47,888)

Construction Progress

The contractor moved to the site on June 1, 1964, and started work.

2746. Killgore Beef Cattle Center (Walter E. Wirtz, \$378,839)

A. Feed Mill

1. Equipment and Foundation (Brown-McKee, \$62,838)

The work is completed, and we are waiting for word to make the final inspection.

2. Building and Rail Cover (Stout Steel Builders, \$9,795)

A small amount of work remains to be done.

3. Rail Conveyer System (Stewart Engineering and Equipment Company, \$10,251)

It is installed.

B. Roads, Parking and Landscaping (Wright Bros. Paving and Dirt Work, \$21,969.15)

Everything is done except the finished fine grading.

C. Visit

Dr. Ellis thinks that by the end of next week, it will be appropriate for a visit to wrap up the entire project.

2747. Long-Range Plan

The Board of Directors has charged the CPC to prepare a long-range plan to 1972.

A. General Procedures

The CPC agreed as follows:

1. The plan should provide for a university of the first-class.
2. The plan should provide flexibility for the future.
3. The study should be confined generally to educational and general facilities. Housing probably should not be a specific part of the study at this time, but should be kept in mind due to the effect that housing has on the overall academic program.
4. No outside professional help should be obtained now. Perhaps outside help could be obtained later, if needed, in the course of the study. Perhaps by the end of the summer of 1964, information would be available as to whether or not there is a need.
5. Members of the faculty and staff should be consulted as needed during the development of the study, as the study will necessitate the thinking of the entire college community.
6. The various offices will be available to help with the study when ^{and} as needed.
7. It is requested that Mr. Gordon McCutchan, Assistant Professor and Consultant in the Office of the Supervising Architect, be assigned to the CPC as the coordinator of the study, to work with and through the CPC on a full-time basis during the summers and part-time during the long sessions.
8. Mr. McCutchan and Mr. Urbanovsky will attend the Planning Physical Facilities for Higher Education Workshop Seminar at the University of Wisconsin, June 16-18, 1964.
9. The funds available from the Constitutional Building Amendment probably will be inadequate during the years ahead. There are almost no funds estimated over and above the \$1,500,000 now on hand between now and 1968. Additional funds will be available in January, 1968, if the existing Constitutional Building Amendment survives (attempts have been made by the last two Legislatures to do away with it). The money available in 1968 probably will be adequate no longer than 1972 for Texas Tech in view of the prospective growth in students and complexity. Consideration should be given to obtaining all possible funds over and above the Constitutional Building Amendment with the least possible delay. Faculty office space will be critical in the fall of 1965, and classroom space will become critical not much later. The new Classroom-Office Building will offer some relief, but it won't be ready until the summer of 1966. Any additional facilities between now and 1968 or 1969 from funds other than the Constitutional Building Amendment will allow the College to be that much ahead.

If the University of Houston and Midwestern are allowed to participate in the Constitutional Building Amendment, the 5¢ rate should be raised. In fact, the 5¢ rate probably will not be adequate to take care of the 12 institutions now participating in the program past about 1972.

2747. Long-Range Plan (continued)

10. It is assumed that approximately $1\frac{1}{2}$ to 2 years will be necessary, which would mean that the study might be completed during the latter part of 1966. Plans for the implementation should be prepared as soon after, and preferably no later than, the completion of the study.
11. Biennial requests to the Legislature in the years ahead should reflect the needs to go with the facilities planned. All justifiable operating funds should be sought in time to support the activities in the new facilities.

B. Suggested General Steps for Mr. McCutchan

1. Prepare proposed general procedures and plan of action and present to the CPC for approval.
2. Keep the CPC up to date on the developments of the study.
3. Gather a long-range study library. Sources of information are the college library, College and University Business Magazine, NEA Index, etc.
4. Research carefully the present and future needs of the present program and the facilities needed for future new programs, schools, etc. The research should include the gathering of all available basic information on the College, where we are and where we are going. Some sources of information are the faculty self-study, the Deans' studies of needs, department heads' studies of needs, the eight-year plan, etc. The facilities presently planned, as the new Classroom-Office Building, would affect the study.
5. Analyses and Findings -- Convert the College needs to physical needs using an appropriate measurement.
6. Estimate costs.

C. Implementation

1. Priority list of projects (probably will be prepared by the President, or perhaps recommended by a group appointed by him at the proper time).
2. Financing -- Estimate of funds available.
3. Time Schedule:
 - a. Complete long-range study in 1966.
 - b. Program the projects in 1966 if possible.
 - c. Tentatively allocate funds to projects, 1966.
 - d. Select sites, 1966 or 1967.
 - e. Hire architects, 1966 or 1967.
 - f. Prepare project plans and specifications in 1967 and take bids, if possible, in 1967.
 - g. Secure financing and award construction as early as possible in 1968, earlier if possible.
 - h. If a good start can be obtained in 1968, it will be possible to have some of the projects in use during 1969, and perhaps the entire building program could be completed by 1970.

2748. Museum

The contract with the Associated Architects and Engineers is in the process of preparation and execution.

2749. Naval Training CenterLease

No reply from the Navy has been received as yet.

2750. Office of Room Reservations

The architect who had been employed for the summer became ill and was delayed, then accepted another job which will provide longer work during the summer.

Mr. Barrick's staff has prepared the layout which is to be submitted for approval.

2751. Parking LotsA. West Engineering Building

The plans and specifications are almost complete and will be released the early part of next week. Bids will be opened on June 19, 1964.

B. North of Women's New Dormitory, Unit B

The plans and specifications are almost complete and will be released the early part of next week. Bids will be opened on June 19, 1964.

2752. Traffic-Security Facilities

Mr. Downing reported that he and Chief Daniels have been investigating the possibility of using the old garage. Preliminary studies indicate that it probably will serve the needs for years to come. Mr. Felty, in Mr. Barrick's office, is working on the details. It is thought that the plans and the estimated cost will be ready for the next CPC meeting.

2753. Walks (Administration Building)

Mr. Urbanovsky's staff is in the process of ordering materials at this moment.

M. L. Pennington
Chairman

The meeting adjourned at 11:45 a.m.

Campus Planning Committee
June 6, 1964
Attachment No. 522
Item 2735

TEXAS TECHNOLOGICAL COLLEGE
P.O. Box 4639
Lubbock, Texas 79409

Office of the
Director of Residence Halls

June 5, 1964

MEMORANDUM TO: Mr. Marshall Pennington, Vice President for Business Affairs

From: Guy J. Moore

Subject: Use of Sneed Hall Dining Room by Athletic Department

1. No specific arrangements have been made for the transfer of any equipment, or the money involved for such contract.
2. Mrs. Bates pointed out and made notations on Mr. Robison's plans of the equipment which was going to be available in the Sneed Hall kitchen.
3. Mr. Barrick is to make some preliminary plans showing a partition to be built on the east side of the dining room. This was thought to be the most convenient, away from the west sun, and farther away from the possible noise of the dishwashing machines in the kitchen.
4. There was general agreement that the room could be used as a dual purpose room, available to the Athletic Department during the lunch hour and a period of time after the lunch hour. After that it would be available for hall use as a study room lounge. Available at other hours too if needed.
5. There was mentioned the possibility of using one dish machine from the West Hall dining room which was not going to be moved.
6. Mr. Robison also mentioned the subject of possibly buying some new chairs to brighten up the room. I told him of the order we are presently placing with the Thomas Brothers Company for the Howell chairs. I contacted Mr. Thomas and was told that we could add to the order, possible up to the end of this next week. I have had no further word on his desires to take advantage of this price.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

Office of the Supervising Architect

June 5, 1964

Mr. Polk Robison
Director of Athletics
Campus

Dear Polk:

We are preparing a rough sketch of the suggested subdivision of the dining space in Sneed Hall in accordance with the discussions we had at that location on 2 June 1964. It would be most helpful to us if you could let us have a specific request for this remodeling, together with a detailed listing of the equipment that may be available for use at the time the food operation at that location is discontinued by the dormitory system. This would enable us to start making specific plans for the processing of drawings and details necessary for the remodeling and preparation of contract documents for the bidding of such additional kitchen equipment as you may need. You may recall that we offered such services as this office might be able to provide to expedite the project.

I believe that it would also be well to clarify for the record the specific use to which the "skull practice" room is to be placed and the schedule of use. All parties should understand clearly when this facility might be made available to the residents of Sneed Hall for study hall purposes and when they would be required to be reserved for the Athletic Department. Perhaps this matter has been clarified with Mr. Moore but I did not participate in all the conversation relative to this scheduling. We moved into the equipment problems during your discussion and my recollection is fragmentary at best.

I believe a specific request will enable us to start positive action toward the planning and financing of the alterations and will enable us to avoid unnecessary delay when the space becomes available to us in the fall.

Very truly yours,

Nolan E. Barrick
Supervising Architect

NEB/si (g)

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 220

June 11, 1964

A meeting of the Campus Planning Committee was held at 10:30 a.m. on June 11, 1964, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky and Chairman M. L. Pennington. Mr. O. R. Downing was also present.

Mr. Howard Schmidt and Mr. John Stuart, Project Architects, were present, and Mr. Paul Dinsmore, immediate past president of the Saddle Tramps, was also present.

2754. Entrance Marker

The results of the solicitations as shown in the last Minutes of the CPC were reviewed, and everyone agreed that the solicitations have been much slower than expected.

The architects had been requested to meet with the CPC on the feasibility of constructing a first unit of the entrance marker.

The project architects explained that they had done a great deal of study to see if it would be possible to have a first unit for a figure as low as \$15,000. Their studies indicated that such is hardly feasible.

They presented a model of a possible first unit at an estimated cost of \$41,000. A copy of the cost estimate dated June 2, 1964, is attached to and made a part of the Minutes. (Attachment No. 523, page 1572)

The architects thought that it might be possible to reduce the construction costs some by bidding, as they have been told by a number of fountain manufacturers that the interest in fountains is spreading over the United States; and they would be willing to bid at their cost in order to get the entrance marker constructed to aid them in their business. The granite man said that he would furnish the seal at his cost, as he is interested in the seal and the entrance marker, as he has a youngster in Texas Tech. It would be impossible to know how accurate the statements are until bids are taken.

The model as presented is without the forward pool and includes no improvements in front of Sneed and Weeks Halls. The back pool is the same, but it does not include the cost of running the utilities to the site or any landscaping. The architects have decided that it would be better to move the pumps from under the pool to eliminate a possible maintenance problem.

It was the consensus that a unit of any less than the model would be an injustice to the project, that efforts should be continued to raise funds for the project and that a review of the situation should be made periodically in order to keep the project in the forefront.

Other possible sites were again reviewed, and it was the consensus that the entrance at College Avenue and Broadway is the appropriate place.

It was agreed that the funds available should be invested as soon as possible, and the Chairman was requested to check with Mr. Butterfield to see if he knows of any other sources of income.

M. L. Pennington
Chairman

The meeting adjourned at 11:40 a.m.

Campus Planning Committee
 June 11, 1964
 Attachment No. 523
 Item 2754

ENTRANCE MARKER, TEXAS TECHNOLOGICAL COLLEGE
 CONSTRUCTION COST ESTIMATE - SCHEME DATED JUNE 2, 1964

1. Excavation and Clearing Site

Remove Turf	\$ 333	
Remove Shrubs	50	
Pool Excavation	<u>500</u>	
		\$ 883

2. Pool Construction

Marble Plaster	\$2,437	
Concrete Slab	<u>1,380</u>	
		\$3,817
Foundation well of fountain platform	\$ 504	
Perimeter Foundation	<u>1,275</u>	
		\$1,779

3. Granite Seal Base

Granite Veneer	\$4,222	
Concrete Wall and Footing	800	
Stone Cap	<u>285</u>	
		\$5,307

4. Stone Pool Coping \$2,268

5. Granite Seal with Sand Blasted Relief
 (Two sides) \$8,000

6. Walks and Terraces \$2,340

7. Stone Divisions \$ 762

8. Equipment Pit \$1,300

9. Fountain and Lighting Equipment
 (No expansion) \$5,000

10. Installation of Equipment \$1,500

11. Contractor's Overhead and Profit
 (Estimated 15%) \$4,943

Construction Cost Subtotal.....\$ 37,899

12. Architectural and Engineering Fees (8%) \$3,032

TOTAL PROJECT COST.....\$ 40,931