

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 151

July 2, 1962

A meeting of the Campus Planning Committee was held at 9 a.m. on July 2, 1962, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Others present were Mr. Robert L. Mason, Mr. O. R. Downing and Mr. D. M. McElroy. Dean Lewis N. Jones entered the meeting at 11:30 a.m. to discuss Item No. 2045.

2025. Approval of Minutes

On motion by Mr. Urbanovsky, seconded by Mr. Barrick, the Minutes of Meetings Nos. 147, 148, 149 and 150 were approved, with the following corrections to the list of equipment for the Data Processing Center, Attachment No. 411, page 1170, Room 154: the amount for the first should be \$400 instead of \$800, and the amount for the second item should be \$96 rather than \$192 as shown.

2026. President's Approval of Minutes

The Chairman reported that President Goodwin approved the Minutes of Meetings No. 145 on June 30, 1962, No. 146 on July 2, 1962, No. 147 and No. 148 on May 24, 1962, No. 149 on June 30, 1962, and No. 150 on May 30, 1962.

2027. Architecture-Computer Building

Equipment for Data Processing Center (\$4,655)

Mr. McElroy reported that all items are out for bids with the exception of the gray metal chairs and desks, and work is being done on the specifications at the moment.

2028. Chemical Engineering Building (Cain and Cain, \$326,003 - May 22, 1961)

Mr. Barrick reported that the installation of the laboratory equipment, as of today, is 99 per cent complete; some plumbing fittings have been lost en route.

2029. Classroom-Office Building

Completion

It was agreed that the Physical Plant Directors, under the direction of Mr. Downing, will secure the plaque and install it and complete the tile. The amount of \$250 being withheld from Mr. Duncan will be retained by the College.

2030. Dormitory and Dining Facilities for Women (Project Tex-CH-150(D))
(H. A. Lott, Inc., \$2,764,546 - August 1, 1963)

A. Construction Progress.

The contractor continues to make excellent progress and is approximately 60 days ahead of schedule.

B. Kitchen and Food Serving Equipment (West Texas Coffee and
Equipment Company of Abilene, \$86,800.75)

The contractor is accumulating field dimensions in order to prepare shop drawings. The project is on schedule.

2030. Dormitory and Dining Facilities for Women (Project Tex-CH-150(D))
(H. A. Lott, Inc., \$2,764,546 - August 1, 1963)

C. Utilities

The utilities which affect this project will be discussed under the major heading "Utilities" later in the Minutes.

2031. Dormitory and Dining Facilities for Women (Project Tex-CH-164(D))
(\$3,750,000)

A. Preliminary Approval and Reservation of Funds

The Housing and Home Finance Agency notified the College under the date of June 19, 1962, that the preliminary approval and reservation of funds have been made and authorized the College to file the full application which will be filed as soon as possible.

B. Items for Next Board Meeting

Site Selection

The site selection is the only item needed for the full application and the Board of Directors has approved the site west of Project Tex-CH-150(D).

C. Time Schedule

Construction on the project should be completed by August, 1964. It is hoped that the preliminary plans and specifications, which would be the changes in the present building, would be ready for the Board on August 25, 1962. It was agreed to request the architects to submit a recommended time schedule.

D. Architect's Fee

It will be necessary to know the changes from the present structure before the fee with the architects can be negotiated.

2032. Dormitory and Dining Facilities for Men (Proposed)

The Board of Directors authorized an application to the Housing and Home Finance Agency for financing a new men's hall to be ready in August, 1964. HHFA can accept an application of the size of those requested by Texas Tech only once during a fiscal year. The request for the second new women's hall was filed in June, and the request for the new men's residence hall will be filed in July of the new fiscal year.

2033. East Engineering Building (Appropriation 1961-62, \$6,650;
1962-63, \$8,000)

Mr. Downing reported that all of the material to be purchased is on order. The Recreation Hall razing will be completed this week, and the salvageable material is to be used on the project. As soon as all the material is available, the crew will be moved to the East Engineering Building.

2034. Financial Statement

As requested by the CPC at the last meeting, Mr. John G. Taylor, Auditor, reported that there is \$911,979.95 in the Constitutional Building Amendment Funds and \$196,180.59 in the Building Funds of 1949 as of May 15, 1962. Funds for the Psychology and Speech facilities are included in the total.

2035. Housing (Other)

A. Married Student Housing

Mr. McElroy reported that Mr. Killgore broke ground today for the construction of 200 married student apartments.

2035. Housing (Other)B. Renovation of West Hall

Brown Showcase and Fixture Manufacturing Company redid the doors in West Hall in early June without clearing with any member of the College staff as agreed, and the doors are peeling again. The problem is still with us.

C. Renovation of Sneed Hall

Painting (Adams Paint Company, \$11,875, plus \$900 for plaster patching)

Mr. Barrick reported that the contractor is coming along fairly well, although there is a bit of a problem with the varnishing of doors. Apparently, the contractor is having some difficulty in removing the existing wax. Mr. Barrick thinks the solution has been found by vigorously sandpapering the doors and applying a coating of penetral. It will be known in another day or so if the solution is working.

2036. Doak Hall Kitchen

Mechanical, Electrical and Ceiling Work (Anthony Company, \$3,995)

The project is at least 90 per cent complete but is being delayed now as the Telephone Company has requested the contractor to do no additional work in the switchboard room until the phone company has reached a specific stage of installation.

2037. Journalism Building (Tatum and Gailey, \$63,951)

The contractor has moved onto the job and has done about all the work he can. He is now marking time as he waits for the metal door frames which were ordered immediately following the award of the contract.

2038. Killgore Beef Cattle Center (\$500,000)A. Plans and Specifications

The Trustees have officially approved the plans and specifications as requested by the Board of Directors, and the architect is at work on the preparation of final plans and specifications.

Mr. George W. Short called during the CPC meeting and stated that he is on schedule in preparation of the plans and specifications. He plans to come to Lubbock along toward the end of July to review the developments as of that time. Also, he plans to have the working drawings complete ten days prior to August 25, at which time he would like to go over them in detail with Mr. Barrick.

B. Feed Mill

The staff of the School of Agriculture is seeking the technical information to develop the plans and specifications in time for CPC review prior to the August 25, 1962, Board meeting. There is no need to have bids for the feed mill before bids are taken on the Center.

C. Estimated Costs

The estimated costs, as prepared by Mr. Short under date of May 24, 1962, are attached to and made a part of the Minutes (Attachment No. 416, page 1191).

2038. Killgore Beef Cattle Center (\$500,000)

D. Contract Approval

The CPC voted to recommend that the Building Committee of the Board of Directors be authorized to accept bids and award a contract within thirty days after the approval of final plans and specifications in order that construction may be started approximately one month earlier in order to take advantage of the good building weather.

E. Sewage

A request has been made to the Department of Army to tie the sewage disposal line from the Killgore Beef Cattle Center to the 24-inch line running from the Air Base through the property.

2039. Library (J. M. Odom Construction Company, \$2,146,379)

A. Construction Progress

Mr. Barrick reported that the final inspection was held on June 28 and 29. Representatives of the architect, the contractor and the College made the inspection. The punch list is comprised of minor items only, mostly housekeeping chores. The building is in good condition. The contractor is in the process of correcting all items on the punch list.

B. Garden Room (\$20,000 Appropriated for Furniture and Plant Containers)

1. Interior Decorator

The plans and specifications and the design of the equipment, where needed, have been made by Mr. Evans, the interior decorator, and the information has been prepared for bidding. Mr. Evans estimates the cost of the furniture at \$20,876.20.

2. Plant Containers

The question of how much money will be available for plant containers and plants was discussed. At the moment it is not known, and it was agreed that Mr. Urbanovsky should go ahead and complete the plans and specifications for the containers and get an estimated cost for the containers and the plants.

C. Carrels (Industrial Fixtures Company, \$13,420)

Mr. Barrick reported that his office has approved shop drawings which have been returned to the contractor.

D. Stacks - Shelving (Remington Rand, \$57,017)

If the contractor has not completed the installation by this time, he will do so today.

E. Book Transfer

The transfer of the books from the old to the new Library began on June 18, 1962. Mr. Janeway estimates that the move will be completed by July 28, 1962. The new Library is open for services on a limited basis as of today.

F. Final Acceptance

The CPC voted to ask the project architect to make recommendations on a final acceptance date and possible liquidated damages.

2040. Library, Old (1961-62, \$50,375; 1962-63, \$33,375)

Remodeling

1. Status of Final Plans and Specifications

At the last meeting of the Board of Directors, the final plans and specifications were approved, authorization to take bids was made and the Building Committee was authorized to act for the Board in order that the contract may be let as soon as possible.

Mr. Barrick reported that the refinements have been made to the final plans and specifications, and requests for bids are to be issued about July 11, 1962, with bids to be opened on July 31, 1962, if possible. It is difficult for the prospective bidders to make an estimate of their bids until the building is largely vacated, and it is felt that by July 11, it will be.

2. Air Conditioning

The revised cost estimate for the air conditioning is \$61,950, and President Goodwin authorized the use of the revised figure in the Legislative Request rather than \$45,000, the original estimate.

3. Equipment for Offices and Southwest Collection (\$12,000)

Mr. McElroy is working on the specifications as his time schedule will permit. The time schedule for the renovation allows ample time to secure the equipment.

2041. Long-Range Plan

A rather lengthy discussion ensued on matters to be pursued in the long-range plan. It seemed to be the consensus that housing will be a good bit of the keynote of the plan, as to whether or not the College should attempt to continue to provide housing or encourage private capital to build it. It was mentioned that private capital in the past seven to ten years has given no indication of any desire to build single student housing. If the College is to continue to supply the major portion of it, it may be necessary to re-evaluate the type and method of housing and feeding. It will take some very long-range planning.

2042. Music

Room in the Dairy Building

Mr. Downing reported that it is complete with the exception of some work on the floor and painting.

2043. Museum

Additional Work Space

On May 14, 1962, Dr. Holden and Dr. Green asked for information as to the possible use of the X-Buildings north of the Museum, as approximately 1,000 square feet of floor space is the minimum needed to lay out the approximately 50,000 artifacts where each could be studied, catalogued and put to proper use. Table space is needed. The artifacts contain both paleontological and archaeological specimens. Two thousand square feet would not be too much space if it were available.

It was explained to them that it has been the plans for some time to remove the wooden buildings from the campus, and it was suggested that perhaps space could be found with Dr. Connor in the old Library stacks, or the Dairy Barn might have some possibilities.

2043. MuseumAdditional Work Space

Attached is a copy of Dr. Holden's letter (Attachment No. 417, page 1192) of the same day, stating that either could be used very well. He would prefer the Library stacks, but the Dairy Barn has good possibilities for such use.

The request was considered, but it was agreed that in view of the fact that it was requested on a semipermanent basis without a deadline, it would be necessary to make a rather thorough study of the possible use and needs.

2044. Other ItemsA. Biology

It was agreed to recommend that Dr. Tinkle be allowed to use the Bull Barn for lizard research. It has been requested for a period of only five years, so it should not interfere with the future development in the area during that time.

Various places for the herbarium were discussed, with the possibility that the best location would be in the basement area of the old Library if possible. Mr. McElroy will check the needs and availability of space.

B. Department of Geosciences

Room 47 of the Science Building, as shown by Item No. 1979-B, page 1147 of the CPC Minutes, was checked, and it was found that the air handling unit has not been used in the past. The classroom has risers and perhaps will accommodate as many as 60-65 students. The possibility of losing a classroom of such size was discussed, as it will affect Miss Clewell's class schedule. There is a need for a storeroom in order that the Department of Geosciences can maintain proper inventory control, but doubt was expressed that this is the solution.

C. Enrollment

For informational purposes, a copy of Miss Clewell's prediction of fall semester enrollments for 1962-1970 is attached to and made a part of the Minutes (Attachment No. 418, page 1193).

2045. ParkingA. Traffic-Security Recommendation

The Traffic and Security Commission at its meeting on April 9, 1962, approved the "Recommendation for Parking 1962-63" and voted to forward it to the Campus Planning Committee for action. The Traffic and Security Commission's recommendations were based on those of the Student Traffic Committee which met throughout the fall and early spring to study the long-range traffic improvement.

At the meeting on April 9, 1962, the Traffic and Security Commission approved the recommendation of the Student Committee for all items to be placed into immediate effect. Other items involving the long-range plan were recommended by the students and will be considered later. The charge to faculty and staff members for permits for more than one car did not originate with the Student Committee.

When the recommendation came to the CPC, the members assumed that the physical improvements were the only items on which the CPC should act, although it was determined later that the Traffic and Security Commission intended for all items to be handled by the CPC, so there has been a substantial delay.

2045. ParkingA. Traffic-Security Recommendation

As the CPC members are of the opinion that it would not be appropriate for them to evaluate the relative merits of the operating procedures, it was agreed that all recommendations will be transmitted to the President.

The only items in the list on which the CPC acted are the extension of the reserved parking lot west of the Science Building and the extension of the dirt lot south of the Library.

B. Extension of Reserved Parking Lot

(Belcher Paving Construction Company, \$10,663.36)

The contractor broke ground today.

2046. Policy ProceduresA. Television Conduit

Dr. Goodwin suggested some time back that it might be well to include in all plans for future buildings, where advisable, provisions for the installation of conduit for future television.

It was agreed that it was a very good idea, and studies will be made in an attempt to determine what should be needed in the nature of conduit for such future installations.

B. Bond Situation

A rather lengthy discussion was held on the effect of the performance bond required of all contractors. There have been three instances in the current program in which the bonding companies have been asked to complete the project, with little satisfaction from any of the three. It was pointed out that the contractor is a repeat customer of the bonding company, with the result that perhaps the companies are reluctant to incur the ill will of the contractors. Two of the contractors have gone out of business after College projects were substantially complete. The College must be sure that it is getting its money's worth. Could more of the contractor's money be withheld for a longer period of time? Is more inspection needed? Are the contractors under par in some instances, particularly on little jobs, as a result of the competitive bidding? What could be done if they are low and under par?

It was agreed that the members will continue to study the possibility and seek ideas from contractors who might be helpful.

2047. Psychology and SpeechA. Amount

If it is necessary in order to get in the minimum facilities for the project, Dr. Goodwin has authorized the use of an additional \$50,000, as a bit more money is available than reported, due to a misinterpretation of the amount by the chairman.

B. Plans and Specifications

The plans and specifications are to be presented to the Building Committee for approval as soon as possible.

Mr. Barrick reported that the plans have been completely checked out with the Psychology Department. There has been a delay with the Speech Department due to the absence of some of the staff members, but the check is to be made very soon.

C. Time Schedule

The architects will be asked for a time schedule.

2048. Relocation of Farm FacilitiesLivestock FacilitiesDairy Facilitiesa. Fencing (\$3,449)

The installation was completed approximately three weeks ago.

b. Milking Parlor (C. M. Pharr, \$40,800)

- 1) The cattle were moved and the facilities placed in operation on June 17, 1962.
- 2) Provisions are being made to clear out the fences, outbuildings, etc., from the old site. Dr. Durham is to provide a written request for the material he needs. It was agreed that no additional step can be made until the letter is received.
- 3) It will be necessary to do something with the caleche from the roads at the old site.

2049. Rifle Range

The CPC voted to accept Mr. McElroy's memorandum of May 11, 1962, which is attached to and made a part of the Minutes (Attachment No. 419, page 1194).

2050. Scale Model

The scale model will be in good shape by July 13, 1962, for the meeting with City officials.

2051. Science Building (Carl E. Maxey, \$431,707 - February 13, 1962)A. Equipment Connection

Mr. Barrick reported that all equipment on hand and which can be connected has been connected.

B. Furniture and Millwork

(Hamilton Manufacturing Company, \$44,255 - June 7, 1962)

Mr. Barrick reported that the Hamilton Manufacturing Company began delivery of the furniture and millwork on May 24, 1962, approximately.

Some two weeks ago a representative called and said that the final load, which contained table tops and legs, caught fire in transit in Joplin, Missouri. No report has been received to date on the extent of the damage. Attempts will be made to secure a replacement by time for completion stipulated by the manufacturer.

C. Classroom, Laboratory and Office Equipment (\$42,794)

Mr. McElroy reported that all of the equipment has been delivered and payment authorized.

2052. Student UnionA. Kitchen Equipment (Fort Worth Fountain and Hotel Supply, \$51,568)

The Chairman reported that the President of the Fort Worth and Hotel Supply, Mr. George McLendon, Jr., accepted the proposal of the College for liquidated damages and settlement.

B. Millwork (\$3,572.60)

All millwork has been completed and installed.

C. Ex-Students Office Furniture (\$2,500)

All equipment is in use.

2053. Texas Tech PressAir Conditioning (P and C Mechanical Contractors, \$22,765)

Mr. Mason reported that the work is almost entirely complete. Final payment has been authorized with the exception of \$100 to complete a few very minor items.

2054. Textile Engineering BuildingA. Air Conditioning (Anthony Company, \$29,880)

The installation is on schedule and will be completed and checked out this week.

B. Suspended Ceiling (Southwest Specialty Company, \$3,800)

The installation is completed and in an acceptable condition.

2055. UtilitiesA. Provisions for Utilities to New Women's Dormitory and Psychology and Speech

Mr. Mason issued cost estimates and a time schedule on May 25, 1962, which is attached to and made a part of the Minutes (Attachment No. 420, page 1195).

Mr. Mason is ahead of schedule with the plans and specifications, but it will be necessary to secure wage scales from HHFA and present the final plans and specifications and secure approval before HHFA will authorize bids to be taken. Some oversizing of lines will be necessary for Psychology and Speech facilities and cannot be financed from the HHFA loans. It was agreed that steps will be taken immediately to secure approval of the HHFA.

(Note: Mr. Travis William Miller of Fort Worth Regional Office was called on the afternoon of July 2, 1962, and he said a request for the wage rates should be made immediately, and the proration of costs resulting from oversizing the lines could be discussed when the final plans and specifications are presented for approval in Fort Worth during the last two weeks of July.)

B. Sewage Disposal Line to North

The needs of the new residence halls for sewage facilities were discussed with Mr. John T. Hickerson, Director of Public Works of the City, and a copy of his confirmation of the conversation is attached to and made a part of the Minutes (Attachment No. 421, page 1196).

Mr. Hickerson had the peak flow measured as a basis for his statements.

2056. Walks and DrivesResurface and Seal Coat Streets and Drives
(1961-62, \$24,065; 1962-63, \$20,300)

Mr. Urbanovsky plans to issue plans and specifications for bids this week, with bids to be taken not later than July 30, 1962. The contractor will have until August 25, 1962, to get ready for the work which must be done between the ending of summer school and the start of the fall term in order that traffic can be stopped on occasions, and the appropriation for the two fiscal years can be used to finance the project.

2057. West Engineering Building Renovation (1961-62, \$7,000)

Mr. Downing reported that all of the material to be purchased is on order. The Recreation Hall razing will be completed this week, and the salvageable material is to be used on the project. As soon as all the material is available, the crew will be moved to the West Engineering Building.

2058. Women's Gym

The CPC recommended that the compressor unit, controls, valves, etc., from the old portion of the Student Union be moved and installed in the Women's Gymnasium during the winter of the coming year in order that it would be available to alleviate the air and cooling problem by the time of the warm spring weather in 1963.

M. L. Pennington
Chairman

The meeting adjourned at 12:30 p.m.

Campus Planning Committee
 July 2, 1962
 Attachment No. 416
 Item 2038C

Geo. W. Short & Associates A.I.A.

4306 Wolflin Avenue Amarillo, Texas FL 6-3801

COST ESTIMATE

Killgore Beef Cattle Center
 Pantex, Texas

SITE WORK

<u>Description of Work</u>	<u>Cost</u>
General grading	\$ 11,000
Utilities (source to buildings)	17,000

BUILDINGS

Pens (fifty)	80,000
Others	267,000
Building equipment	<u>19,000</u>

	\$394,000
Architectural Fee 6%	<u>23,640</u>
	<u>\$417,640</u>

ITEMS NOT IN ARCHITECT'S CONTRACT

Feed mill	\$ 54,000
Feed truck	10,000
Landscape and roads	<u>16,000</u>

	<u>\$ 80,000</u>
--	------------------

OVER-ALL COST	<u>\$ 497,640</u>
---------------	-------------------

COST ESTIMATE

50 Pens Only

<u>Description of Work</u>	<u>Cost</u>
All dirt work	\$ 5,700
Concrete and forms	18,250
Prestressed conc. and erection	15,650
Steel (reinf.)	2,700
Masonry	9,400
Seal and roof treatment	3,050
Fence and gate work	14,000
Electrical	800
Plumbing	5,450
Contingency	2,000
General	<u>3,000</u>
Total	\$ <u>80,000</u>

COST ESTIMATE

All buildings other than pens

All dirt work	\$ 2,486
Concrete and forms	41,390
Roof deck	3,071
Steel, misc., erection	16,020
Terrazzo	2,416
Masonry	17,350
Roofing and sheet metal	4,539
Windows and window wall	19,224
Weatherstripping and caulking	1,108
Special doors and openings	1,335
Hollow metal work	864
Glass and glazing	5,186
Sign and space markers	1,190
Toilet partitions	1,626
Ceramic tile	2,672
Resilient floors	4,090
Lathing and plastering	21,620
Carpentry	3,712
Millwork	10,680
Insulation	1,772
Finish hardware	3,953
Painting	5,521
Electrical	21,028
Plumbing	7,994
Heating and air conditioning	44,720
Contingency	3,000
General	<u>18,433</u>
Total	\$ <u>267,000</u>

Campus Planning Committee
July 2, 1962
Attachment No. 417
Item 2043

THE MUSEUM
TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

5/14/62

Dear Marshall:

After talking with you this morning in regard to additional space for our archaeological collections and laboratory, Earl Green and I inspected the stack situation in the old Library and the Milking Barn. We believe that both sites have possibilities.

The more ideal of the two, provided the proposed Officer Education Program replaces the present military program, would be the basement of the stacks of the old Library. We talked with Ike Connor, and he does not have any immediate or ultimate designs on that area. The stacks there are free standing and can be in part, or in whole, easily removed to make room for storage cabinets and work tables. Also the area can easily be blocked off with a single partition wall which will completely isolate it from the elevator, the receiving room and other adjacent areas. Also, the lighting and heating are there already. Should this space become available it would have perhaps a semipermanent basis. We would not be faced with a three-year deadline or a five-year deadline for moving out, as might be the case in the Dairy Barn.

As to the Dairy Barn, the loft would be a wonderful place for storage of both archaeological and paleontological collections. However, it could not be used as a work space without considerable expense for cooling, heating and lighting - all of which we do not think justifiable or prudent, considering that sooner or later the building will have to give way to other uses.

We do have this additional thought in regard to the Barn. When the stanchions are removed in the milking wing below and the floor leveled a bit, that area would make an excellent laboratory. It has cross ventilation which would make it comfortable in the summer, and heat can be provided by bringing a gas line from the processing area to the south (the rooms Gene Hemmle is to get). So, if both the downstairs and upstairs of the milking portion of the Barn should be available, we could at comparatively small expense (a couple of yards of cement, some lumber and about 20 gallons of paint) be provided for archaeological and paleontological laboratories and ample storage for a number of years to come.

Our preference would be the basement of the old Library stacks, but the Dairy Barn has good possibilities.

Sincerely,

/s/Curry

(b)

Campus Planning Committee
 July 2, 1962
 Attachment No. 418
 Item 2044C

TEXAS TECHNOLOGICAL COLLEGE
 Office of the Registrar

ESTIMATES OF FALL SEMESTER ENROLLMENTS 1962 - 1970

Year	<u>1</u>	<u>2</u>	<u>3</u>
	Tech Enrollment	% Increase Tech Enrollment Over Previous Years	Texas Tech Enrollment Projected on Percentage of Increase
1952	5,160		
1953	5,418	5.01	
1954	6,257	15.50	
1955	7,156	14.3	
1956	8,055	12.5	
1957	8,566	6.0	
1958	8,770	2.0	
1959	8,866	1.0	
1960	9,178	3.5	
1961	10,212	11.2	
1962		8.0	11,029
1963		10.0	12,158
1964		10.0	13,340
1965		13.0	15,075
1966		10.0	16,582
1967		9.5	18,157
1968		9.5	19,881
1969		11.0	22,068
1970		9.0	24,054
1971		9.0	26,219
1972		7.0	28,054

5/12/62

EC(b)

Campus Planning Committee
July 2, 1962
Attachment No. 419
Item 2049

MEMORANDUM
FROM
OFFICE OF THE VICE PRESIDENT
AND COMPTROLLER

Texas Technological College
Lubbock, Texas

TO Mr. M. L. Pennington DATE: May 11, 1962
SUBJECT: ROTC Requirements for a Rifle Range

The Air Force ROTC was contacted relative to their requirements for a rifle range if the Officer Education Program is adopted, and the feeling expressed by Captain Williams was to the effect that a range would not be necessary, but if one was available, it would possibly be used by the rifle team.

Colonel Brown of the Army ROTC stated that the Army program has not been defined well enough for him to express accurately their need for a rifle range. He did speculate to the extent of saying that the unit would probably have a rifle team which would require a range. He added that the rifle team is presently using the existing range more hours than the basic cadets do.

What would you think of our just waiting until we receive a new contract pertaining to the new program and see if a rifle range is required by that contract? Unless the contract demands a range, justification of such would be difficult just for a rifle team.

/s/D. M. McElroy

D. M. McElroy
Assistant Comptroller

DMM:b(b)

Campus Planning Committee
 July 2, 1962
 Attachment No. 420
 Item 2055A

TEXAS TECHNOLOGICAL COLLEGE
 Lubbock, Texas

Office of Supervising Engineer

May 25, 1962

Cost Estimates for Extending Utility Services to Dormitory and Dining
 Facilities for Women

Electrical Services, including two new electrical manholes and load break switches	\$ 14,000	
Water Line, 8" size, including new meter station and fire hydrant	6,000	
Gas Line, wrapped, and with plug valves	6,000	
Utility Tunnel, 900 ft. @ \$50 per ft.	45,000	
Steam and Condensate Return Piping	27,575	
Contingencies for above	<u>1,425</u>	
Total costs, estimated, for HHFA Project	\$ <u>100,000</u>	
Chilled Water Lines, 8" size, supply and return, to Psychology-Speech location	\$ 13,640	
Contingencies for Chilled Water Service	<u>1,360</u>	
Total Estimated for C-W Service	\$ <u>15,000</u>	
Total Estimated Cost for Entire Project		<u>\$115,000</u>
Funds requested from HHFA for Utility Services	\$ 100,000	
Funds from Constitutional Building Funds for Chilled Water Lines	15,000	

Plans and specifications will be released for bidding August 1, 1962.

Bids will be received August 21, 1962.

Contract award will be made August 25, 1962.

Campus Planning Committee
July 2, 1962
Attachment No. 421
Item 2055B

CITY OF LUBBOCK

TEXAS

May 25, 1962

Mr. Marshall Pennington
Vice President and Comptroller
Texas Technological College
Lubbock, Texas

Dear Marshall:

To confirm our conversation of Wednesday, May 23, the City sewer facilities in Canton Avenue at 19th Street are adequate, *to handle* and the girls dormitory that is presently under construction and the girls dormitory that is proposed for September, 1964, provided the two boys dormitories on the north side of the campus are disconnected from this line.

The two boys dormitories that will need to be disconnected from this sewer line will have to be connected to a facility that is to be constructed. This is the facility that we have discussed with you previously and will require the construction of a new sewer line as well as a lift station and force main. In order for the preliminary information that was prepared in 1959 to be revised and brought up to date, it will be necessary for us to know what additional dormitory facilities and other high water consuming facilities the College plans in the next ten years. We realize that this will be a projection and subject to change, but it is essential for us to plan the facilities that will be needed. Any information that you can give us in this connection will certainly help in designing the facility to accommodate the future needs of the College.

Very truly yours,

/s/John T. Hickerson

John T. Hickerson
Director of Public Works

JTH:sl(b)

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 152

July 13, 1962

A meeting of the Campus Planning Committee was held at 4:00 p.m. on Friday, July 13, 1962, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Bill Felty, representing Mr. Nolan E. Barrick, and Chairman M. L. Pennington. In addition, Mr. O. R. Downing was present. The Project Architects and Engineers were represented by Mr. Howard Schmidt, Mr. Hoyse McMurtry and Mr. Bob Messersmith.

2059. Psychology and Speech

A. Psychology

The architects reported that there was a conference earlier in the day with Drs. Kuntz, Cobb, Kovnar and Strong of the Psychology Department to go over the mechanical needs and presented a list of requested revisions to the plans.

As the CPC studied the requests, it looked as if the revisions could cause a major alteration of the plans. Attempts to develop the Psychology project over the past almost four years were reviewed and the CPC expressed grave concern over the possibility of recommending a project which would not be satisfactory to the members of the Department. The CPC was under the impression that the Department was in accord and that the plans and specifications were substantially acceptable.

In view of the amount of time and the changes involved in developing the plans and specifications, the CPC agreed that Mr. Urbanovsky and the Chairman would meet with the four members of the Psychology Department who have been working on the plans to see if the program can be defined. They are to bring the Psychology staff members up to date on the steps that have been taken and the fact that there seems to be insufficient satisfaction with developments to date.

Unless sufficient progress is made at the meeting to move ahead immediately, the CPC voted to recommend that the project be dropped until the Department has defined its program to the extent that the project can be developed in such a manner that it can be expected to serve well for some years to come. In the meantime, the plans for the Speech facilities would move forward without waiting for Psychology.

(The meeting with Drs. Kuntz, Cobb, Kovnar and Strong was held at 8:30 a.m. on July 14, 1962. The history of the project was reviewed and the action taken by the CPC was reported and the reason for it was given. The professors did not realize that the time had come to cut off the changes and readily agreed to have Dr. Kuntz represent them with the architects in order that the plans could continue, and agreed to accept the agreements reached with him.)

(Arrangements were made immediately for Dr. Kuntz to meet with the architects and he was requested to let the CPC know when they were in accord.)

(The next meeting was held at 11:20 a.m. in Room 120 of the Administration Building with Dr. Kuntz, Mr. Schmidt, Mr. McMurtry, Mr. Messersmith, Mr. Urbanovsky, Mr. Felty and M. L. Pennington present. The architects and Dr. Kuntz reported the agreements reached and each was studied and discussed, and a few minor changes were requested by the CPC. After completion of the study, the CPC voted to recommend the plans and specifications to the Building Committee of the Board and to request the meeting with the Building Committee on July 23, 1962, if the date would be acceptable to the members.)

(The meeting adjourned at 12:45 p.m.)

2059. Psychology and SpeechB. Speech

The architects reported that they have toured a number of theaters and have worked very closely with Dr. Larson and Mr. Schulz and that the plans and specifications as presented are acceptable to Dr. Larson and Mr. Schulz.

A study of the plans and specifications was made in detail. The use of existing facilities by the Department in the future was discussed. Ingress and egress to various portion of the proposed project, orientation, effect of the arrangement on possible Psychology facilities, location, use of the auditorium, flexibility, future expansion, appearance and other aspects of the project were carefully studied.

After thorough consideration, the CPC agreed to recommend the developments of the preliminary plans and specifications to the Building Committee of the Board and to request a meeting with the members on Monday, July 23, 1962, if such a meeting will not conflict with the group investigating the facilities of the College for the NASA program. The Chairman is to check with Dr. Goodwin to see if the meeting would be acceptable to him. (President Goodwin said that it would be desirable for the Board members to be here on July 23.)

C. Alternates

Whether or not the basement in the Psychology Building needs to be finished more than the therapy facilities are needed for Speech was discussed. After weighing all foreseeable conditions, the CPC voted to recommend that the alternate for therapy facilities for Speech have ~~high~~ priority over the alternate for finishing the basement under the Psychology Building. The base plans would provide for the floor and walls in the basement.

(At the meeting on July 14, 1962, it was agreed that some of the basement area would have to be finished and the alternates would be so devised.)

D. Time Schedules

The architects presented a proposed planning schedule for the Psychology and Speech facilities, women's dormitory #2 and men's dormitory #3 as requested as the schedule is going to be very tight during the fall months.

The CPC voted to accept the proposed planning schedule and the letter of transmittal and the schedule are attached to and made a part of the Minutes. (Attachment No. 422, page 1199)

M. L. Pennington
Chairman

The meeting adjourned at 6:25 p.m.

C
O
P
Y

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

3134 Thirty Fourth

Lubbock, Texas

Stiles, Roberts & Messersmith
SHERWOOD 4-8407McMurtry & Craig
SHERWOOD 4-4342Schmidt & Stuart
PORTER 5-8881

July 13, 1962

M. L. Pennington
Vice President and Comptroller
Texas Technological College
Lubbock, Texas

Dear Mr. Pennington:

Recognizing your desire to set deadlines on all building planning programs and since contractors inform us that bids should be taken by January 1963 in order for you to have occupancy of new dormitories by August 1964, we believe it imperative that schedules for each of the three current projects, Psychology-Speech, Women's Dormitory No. 2, Men's Dormitory No. 3, be formulated immediately and adhered to as closely as physically possible. We offer the attached schedule indicating the last possible dates each step must be taken in order for us to render our very best service to the College.

We are asking your review of the attached schedule, and if it appears satisfactory and workable we would be pleased to prepare duplicated copies of the entire schedule for distribution to all persons involved in the planning of these facilities.

Very truly yours,

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

/s/ R. C. Messersmith

R. C. Messersmith, A.I.A.

/s/ E. Hoyse McMurtry

E. Hoyse McMurtry, A.I.A.

/s/ Howard W. Schmidt

Howard W. Schmidt, A.I.A.

Attachment

Campus Planning Committee
 July 13, 1962
 Attachment No. 422
 Item No. 2059-B

PROPOSED PLANNING SCHEDULE

<u>DATE</u>	<u>PSYCHOLOGY & SPEECH</u>	<u>WOMEN'S DORM NO. 2</u>	<u>MEN'S DORM NO. 3</u>
July 13, 1962	CPC review of completed preliminaries for Board approval. Site plan settled.		
July 21, 1962	Board Bldg. Com. Review preliminaries and authorize working drawings	Formal application with plans to HHFA	Site and story height reviewed with Bldg. Com. of Board. CPC review and furnish answers to questions submitted by AA&E 11 July, 1962.
July 28, 1962		CPC review and furnish answers to questions submitted by AA&E July 13, 1962	
August 4, 1962		Last meeting with deans, dietitians, & maintenance staff CPC review and site plan settled (paving, walks, utilities, etc.)	CPC review and site plan set (paving, walks, utilities, etc.)
August 11, 1962			CPC review schematics and construction outline. Last meeting with deans, dietitians, & maintenance staff
August 18, 1962	CPC review substantially completed working drawings		Final review of schematics by CPC formal application to HHFA with plans
August 25, 1962	Board approval of substantially completed working drawings & authorize bid date Oct. 20, 1962	Board approval of substantially completed working drawings & authorize bid dates	Board approval of preliminaries (design, site, plans, construction outline and authorize working drawings)
Sept. 11, 1962	CPC review complete working drawings		CPC review design development
Sept. 20, 1962	Issue plans to bidders	Final plans to HHFA	
Oct. 20, 1962	Receive bids	Receipt of HHFA review	
Oct. 27, 1962	Board approve bids authorize contracts		Board approval of working drawings

<u>DATE</u>	<u>PSYCHOLOGY & SPEECH</u>	<u>WOMEN'S DORM NO. 2</u>	<u>MEN'S DORM NO. 3</u>
Oct. 30, 1962			Final plans to HHFA
Nov. 4, 1962		Issue plans to bidders	Issue plans to bidders
Nov. 15, 1962			Receipt of HHFA review
Nov. 27, 1962		Receive sub bids	Receive sub bids
Dec. 4, 1962		Receive gen. bids	Receive gen. bids
Dec. 7, 1962		Board approval of bids	Board approval of bids
Dec. 15, 1962		HHFA furnished contract documents	HHFA furnished contract documents

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

13 JULY 1962

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 153

July 20, 1962

A meeting of the Campus Planning Committee was held at 10 a.m. on July 20, 1962, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Bill Felty representing Mr. Barrick, and Chairman M. L. Pennington. Other members of the College staff present were Mrs. Shirley S. Bates, Mrs. Margaret Birkman, Dean Lewis N. Jones, Mr. Frank C. Thomas representing Mr. O. R. Downing, and Mr. Robert L. Mason. The Associated Architects and Engineers were represented by Mr. Howard Schmidt, Mr. Hoyse McMurtry and Mr. Bob Messersmith.

Dean Lewis N. Jones had conferred with members of the Men's Residence Council and interjected the recommendations from the group to each of the applicable questions.

2060. New Men's Residence Hall (HHFA CH-Tex-167(D))

On July 11, 1962, the architects submitted a list of questions which need to be answered in order to plan the new structure. A copy of the letter is attached to and made a part of the Minutes (Attachment No. 423, page 1205) The questions will be handled individually.

A visit by the entire group was made to the construction site of the new women's residence hall on the preceding afternoon in order that the design and developments could be used in planning the men's project.

The questions presented and answers are as follows:

1. Is the courtyard-arcade area on women's dorm necessary for men's dorm?

No - unless it were a result of the natural course of events.

2. Should lounges in last men's dorm be larger?

The size should be increased from 30 to 50 per cent. After discussion, it was agreed to request the architects to increase the lounge to a reasonable size. It would be possible to use a common lounge, as it would not be necessary to separate the lounges in the men's hall.

3. How many cars will you want to park for 800 men?

Approximately 500.

4. How many apartments will be required? For supervisors?
For dietitians?

Two for supervisors and two for dietitians, with the request that the apartments be oriented for a bit of privacy.

5. How large a family will supervisor have?

The architects were requested to study the idea of providing space for supervisors and dietitians with children. The columns in the building will affect the size.

6. We note some of the storage areas in the last men's dorm were not being used a year after occupancy. Is there too much storage?

Yes-Above the first-story level.

7. Should shower-toilet areas be increased over the last men's dorm?

No. The arrangements are adequate, but it was requested that the shower heads be raised. The ratio is satisfactory.

8. Are laundry and/or dry cleaning concessions necessary for men?
- Yes. To be located where handy
9. Is trunk storage necessary for men? How would it compare with that in the new women's dorm?
- Yes. The storage space now available in the new men's halls is adequate.
10. How many house phones will be required for men?
- Two per unit, four for the project.
11. Does mail room setup in new women's dorm conform to requirements for men? Please check mail box details.
- To be checked by Dean Jones. A mail slot will be provided.
12. Is incinerator access on new women's dorm adequate for men?
- Yes.
13. A 7'-6" corridor ceiling height to accommodate hydraulic elevators and air conditioning ductwork is a great saving in construction costs. Will this be workable in the men's dorm?
- The same height will be adequate. It was suggested that acoustical tile be used.
14. Would you prefer marble toilet partitions over enameled metal partitions?
- Marble is only slightly more expensive than enamel and no more than porcelain. Maintenance costs, replacement problems, securing of materials for repairs in the future were discussed. After thorough discussion, it was agreed that modified partitions without doors would be more desirable, and it was agreed to use glazed structural style. The architects are to study the problem and report. Also, the architects were requested to study the possibility of using circular showers.
15. Do any of the wall, floor or ceiling finishes used in the last men's dorms need to be more substantial? If so, where, and what changes?
- None other than the corridors.
16. What recreational areas are required for men out of doors which will affect site planning?
- The proposed site is adequate for such areas for the three men's residence halls. Dean Jones suggested that at least one-half of a concrete basketball court be provided if possible.
17. What type of recreational facility will be housed in the building?
- The architects were requested to study space for one ping pong table near supervision. It was suggested that the men in the hall be encouraged to use the recreational facilities in the Student Union.
18. Could fallout shelter areas serve as recreational areas?
- There is some question as to whether or not fallout shelter areas could serve as recreational space. It was agreed that it would be well to handle fallout shelters as an alternate in the bids. The project architects are to study the possibilities of combined use.
19. Is the supervisor's apartment desired near to the office?
- The apartment should be near but not necessarily adjacent to the office. The arrangement in the new men's halls is satisfactory.

20. Are TV lounges, separate from any other lounges, desired?

No.

21. Will sun bathing areas be provided, to eliminate removal of screens from windows adjacent to roof areas?

No formal sun bathing areas need to be provided. The project architects are to study the possibility of attractive grills over the windows to prevent access to the roofs for sun bathing.

22. Is a study room or meditation room desired for men?

Yes.

23. Are any study halls desired, or will dining hall double for that purpose? If separate study halls are desired, how many should they seat, and what type of seating?

No study halls.

24. Will a concession area, size and location as on new women's dorm, suffice for men?

Yes

25. Are single rooms for wing supervisors desired?

Yes, the same arrangements as that in the new existing men's halls.

26. Considering both economy and supervision, what is the maximum number of men who should be under one wing supervisor and what is the maximum corridor length?

Approximately 50. The corridor length in the new women's hall is fine.

27. What changes, if any, would you make in the kitchen, dining service yard area?

The architects will work with Mrs. Bates and her staff.

28. Are the service line-waiting line areas in new women's dorm preferred over last men's dorm?

No. The arrangements in Weeks Hall are preferred.

29. Should a change be made in the serving line counter on men's dorms, since more breakfasts are served to men than to women?

There is no problem.

30. Is the size of dining hall for women (square footage) adequate for men, or should it be increased to the size of the last men's dorms?

Not as much space as that in the present dining rooms in the new men's halls is necessary.

31. How many maids' rooms are required per floor or per a certain number of rooms?

One for the maids and one for the bathroom janitor per unit.

32. Are the same employee facilities in the kitchen area of new women's dorm desired for the new men's dorm?

No.

33. Will the storage facility for the kitchen need to be increased over new women's kitchen storage, based on men eating now?

Yes.

34. Will a kitchenette adjacent to lounges be required?

No.

35. Is the present built-in furniture proper?

Probably yes. Dean Jones and representatives of the MRC are to meet with Mr. Messersmith to go over a sample of room furniture in Mrs. Bates' office in the near future. Mrs. Bates questioned the finish of the wood in the sample. It was agreed that the architects will study the length of the beds.

36. There is a sample room for the new women's dorm at Mrs. Bates' office. What changes would you make in this room for men?

Answered in No. 35. Dean Jones was requested to let the Chairman know when the study has been completed.

37. Is tack board preferred over peg board?

Yes.

38. Will the area over the bed need to be covered with tack board also?

It is desirable if it can be afforded. The architects volunteered to check costs.

39. Is the folding door at the wardrobe preferred for men's dorm over the sliding doors?

Yes.

40. Is the sliding towel bar necessary for men's rooms, in addition to the two other towel bars?

No.

41. Are changes in the number and sizes of drawers in the chest desired? If so, what?

Answer will be part of the study of the sample furniture.

42. Is the length of the bed sufficient in the last men's dorms? We have heard complaints they should be longer.

To be studied.

43. Are bookshelves adequate?

Yes.

44. Is desk top adequate in length and depth?

Would like more study area if possible. The architects will study the possibilities.

45. Is there a material for corridor walls you prefer over the vinyl wall covering?

Yes. Sand finish plaster. The maintenance is less.

46. We recognize the sound transmission problem between rooms on the last men's dorms. New women's dorm has $4\frac{1}{2}$ " wide, double separated partitions with outlet boxes offset one from the other. In addition, door grills were omitted since there is air conditioning.

The arrangement in the new women's hall is satisfactory.

47. Do you object to the elimination of the center light in the rooms and the substitution of recessed lights over desks?

No.

48. Will asphalt tile in the entire bedroom be adequate? Is pure vinyl desired under the lavatory? Would vinyl asbestos over the entire bedroom be a better solution?

Asphalt tile with waterproof mastic.

49. Is it assumed this new men's dorm will house a new major chilling station? What size should it be?

No. Only facilities for the project.

50. Is the general air conditioning and control design and zoning on new women's dorm proper for men's dorm?

Yes.

M. L. Pennington
Chairman

The meeting adjourned at 12:35 p.m.

Campus Planning Committee
July 20, 1962
Attachment No. 423
Item 2060

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK
3134 Thirty Four Lubbock, Texas
Stiles, Roberts, & Messersmith McMurtry & Craig Schmidt & Stuart

July 11, 1962

M. L. Pennington, Vice-President & Comptroller
Texas Technological College
Lubbock, Texas

Dear Mr. Pennington:

In our conversation last Friday you told us it had been decided to have the new Men's Dormitories ready for occupancy by September 1964 rather than September 1965.

Since time is of the essence for adequate preparation of preliminary plans on the Men's Dormitory for presentation to the Board on August 25, we urge expeditious review of, and answers to, the attached questions. These answers will enable us to develop a program immediately.

The siting and orientation is a major item in developing a program, and it would be most advantageous to receive this information immediately.

We would be glad to conduct your staff on tours through the new Women's Dormitory now under construction, after 4:15 p.m. any day in order to assist them in reviewing the attached questions.

In order to meet our schedule, we would suggest that as many answers as possible be reviewed in our presence by July 21, 1962.

We will need to meet all of your requirements and secure Board approval to proceed with working drawings and meet the HHFA schedule by the August 25th Board Meeting, in order to put the plans out to bidders by November 8, 1962 and have Board action on December 8, 1962.

It is our desire to design this facility to be the finest of its kind, and our entire staff is at your disposal. We must carefully schedule our work to provide you the best service.

Mimeographed copies of these questions are enclosed for your distribution to persons involved in this planning.

Yours truly,

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

/s/ R. C. Messersmith, A. I. A.

/s/ E. Hoyse McMurtry, A. I. A.

/s/ Howard W. Schmidt, A. I. A.

Enclosures

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 154

July 23, 1962

A joint meeting of the Campus and Building Committee and Campus Planning Committee was held at 1:30 p.m. on July 23, 1962, in the Board Meeting Room in the Student Union.

Members of the Campus and Building Committee present were Mr. Harold Hinn, Chairman, Mr. Wilmer Smith, and Mr. R. Wright Armstrong.

Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Bill Felty, representing Mr. Barrick, and Chairman M. L. Pennington. Other staff members present were Mr. D. M. McElroy, Mr. John G. Taylor, Mr. R. B. Price, Mr. Robert L. Mason, and Mr. O. R. Downing.

Representing the Associated Architects and Engineers of Lubbock were Mr. Howard Schmidt, Mr. Bob Messersmith and Mr. Hoyse McMurtry. Representing the engineering firm for the project was Mr. Pete Love of Dallas.

At approximately 3 p.m., the group visited the sample furniture installed in the room adjacent to Mrs. Bates' office, visited the site of the new women's dormitories in order to view the construction progress and study points of interest in connection with the proposed new men's hall, and went to the Scale Model Room to view the proposed building sites and other future expansion of the campus.

2061. Psychology and Speech

Review of Preliminary Plans and Specifications (The Board of Directors authorized the Building Committee at the last meeting to act for the Board in the approval of preliminaries.)

1. Psychology

Since the last meeting of the Board, the proposed projection on the Psychology facilities has been removed, and one additional floor has been added. The Building Committee thoroughly reviewed the plans by floors, plot plan, elevations, perspective and type of construction.

2. Speech

The Building Committee studied the design, facilities and capacity of the auditorium, reviewed the plans for the basement under the stage, and ingress and egress for scenery and agreed that a wide door should be installed on the south side of the work room leading to the stage, probably 10' x 10' with the understanding that the architects are to do some research work on the size and method of installation. The floor plans for the off-stage room and the clinic, plot plan, elevations, perspective and construction were also reviewed.

3. Estimated Construction Costs

The architects presented an estimate of cost of the project, totalling \$831,000, and the proposed method of bidding with alternates in order to come within the budgeted amount of \$800,000.

The estimated cost is attached to and made a part of the Minutes. (Attachment No. 424, Page 1209)

4. Time Schedule

The Building Committee authorized the project architects to proceed with working drawings in keeping with the Time Schedule shown as Attachment No. 422, page 1199A of the CPC Minutes.

2062. New Women's Dormitory (HHFA Project CH-Tex-164(D))A. Discussion of Plans, Proposed Revisions and Planning Schedule1. Site

The Building Committee approved the site to the west of the new women's dormitory now under construction.

2. Fallout Shelter Alternate

The Building Committee approved an alternate bid for fallout shelters.

3. Minor Revisionsa. Air Conditioning Equipment (To be located in dormitory now under construction)

It was agreed that no change is to be made for the project in the location of the air conditioning equipment in the women's dormitory now under construction.

b. Revisions to Folding Door in Lounge, Telephone and Buzzer Changes

The items are to be studied by the project architects.

c. Urinals

It was agreed that no provision will be made for the installation of urinals in the project.

4. Time Schedule

The Building Committee approved the Time Schedule which is shown as Attachment No. 422, page 1199A of the CPC Minutes.

5. Working Drawings

As there will be very few changes from the approved plan for the women's residence hall now under construction, the ~~CPC~~ *HHFA Comm* authorized the preparation of working drawings and contract documents under direction of the CPC in order to maintain the time schedule.

6. Architects' Fees

The fee with the architects can be negotiated only after the extent of revisions in the plans for the hall now under construction are known. A recommendation will be made at the meeting on August 25, 1962.

2063. New Men's Dormitory (HHFA Project CH-Tex-167(D))A. Preliminary Planning

The Building Committee reviewed the site south and a bit west of the last new men's residence hall, the number of stories, facilities and other items necessary to begin planning the project.

The Building Committee agreed that the project architects should begin the preparation of preliminary plans for presentation to the Board at the meeting on August 25, 1962, in order to maintain the time schedule.

2063. New Men's Dormitory (HHFA Project CH-Tex-167(D))

B. Communications with Building Committee Prior to Board Meeting on August 25, 1962

The Building Committee members agreed that if it should become necessary to consult with them prior to the August 25, 1962, meeting of the Board, they would be available.

C. Planning Schedule if Bids are to be Taken for December 7, 1962, Board Approval

The Building Committee concurred in the proposed planning schedule as shown in Attachment No. 422, page 1199A of the CPC Minutes.

2064. Walks, Drives and Parking Lots (1961-62, \$24,065; 1962-63, \$20,300)

A. Resurface Streets

As authorized by the Board of Directors, the Building Committee approved the award of a contract to Bill J. Hood of Lubbock, the low bidder, at a unit price of 37 cents per square yard. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 425, page 1210)

B. Seal Coat

As authorized by the Board of Directors, the Building Committee approved the award of a contract to Chitwood and Son of Pampa, the low bidder, at a unit price of .087 cents per square yard. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 426, page 1211)

2065. Library, Old (1961-62, \$50,375; 1962-63, \$33,375)

The Building Committee was authorized to act for the Board of Directors in awarding a contract for the renovation of the old Library.

Requests for bids are out, and the bid opening is scheduled for July 31, 1962, at 2 p.m.

The Building Committee agreed that if the bids seem to be in order, the members can be polled by telephone. Mr. Smith stated that it would be necessary to call him before 6 p.m. on July 31, as he is leaving town at that time.

M. L. Pennington
Chairman

The meeting adjourned at approximately 4:30 p.m.

Campus Planning Committee
 July 23, 1962
 Attachment No. 424
 Item 2061-3

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK
 3134 Thirty Fourth Lubbock, Texas

Stiles, Roberts & Messersmith

McMurtry & Craig

Schmidt & Stuart

30 June 1962

Nolan E. Barrick AIA
 Supervising Architect
 Texas Technological College
 Lubbock, Texas

Re: Psychology-Speech Building
 Texas Technological College

Dear Mr. Barrick:

As you have requested for the Campus Planning Committee meeting scheduled for Monday, July 2, 1962, we are listing below the project budget as we have estimated it for the subject job. The dates of the preliminary plans used for this estimate are noted:

Psychology Building	
2nd, 3rd & 4th floor plans dated 6-22-62	
Basement & 1st floor plans dated 6-26-62	
(Including basement rooms as shown)	\$420,000.00
Auditorium & Stage Facilities (including seating)	
Plans dated 6-29-62 (revisions as required if	
within perimeter as shown)	\$308,000.00
Speech Therapy plan dated 6-20-62	\$ 39,000.00
Stage equipment	\$ 25,000.00
	Construction Total \$792,000.00
Architects' fees (approximate)	\$ 39,000.00
	TOTAL \$831,000.00

Alternate bids will be taken on Speech Therapy (see above) and on the elimination of finished areas in Psychology Basement.
 (Estimate on basement alternate.....\$12,000.00)

If there are any questions relative to the above or other instructions you wish to pass to us before you leave for your vacation, please let us hear from you. Hoping you and your family have a pleasant several weeks in New England!

Very truly yours,

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

/s/ Howard W. Schmidt

Howard W. Schmidt, AIA

cc: Stiles Roberts & Messersmith
 McMurtry & Craig

HWS:mec(c)

Campus Planning Committee
July 23, 1962
Attachment No. 425
Item 2064A

BIDS FOR RE-SURFACING COLLEGE STREETS AND DRIVES WITH HOT MIX OVERLAY

CONTRACTOR	BID BOND	ITEM #1	TOTAL
Austin, Joel	X	48.5¢ per sq. yd.	\$ 29,100
Belcher, J. B.			
Hood, Bill J.	X	37¢ per sq. yd.	22,200
Pioneer Pavers, Inc.	X	39¢ per sq. yd.	23,400

Campus Planning Committee
 July 23, 1962
 Attachment No. 426
 Item 2064B

BIDS FOR SLURRY SEAL COAT OF CAMPUS STREETS AND DRIVES

CONTRACTOR	BID BOND	ITEM #1	TOTAL
Chitwood & Son	X	.087¢ per sq. yd.	\$ 13,920
General Products and Service Inc.	X	.0987¢ per sq. yd.	15,792
Macatee, Inc.	X	16.5¢ per sq. yd.	26,400
Norse, Hanley, & Norse			
Purtell, L. A.			
Townsko Seal Coating Co.			
Young Brothers, Contractors			
Shiflet Brothers	X	.1040¢ per sq. yd.	16,640

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE
Meeting No. 155 July 26, 1962

A meeting of the Campus Planning Committee was held at 1:30 p.m. on July 26, 1962, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Other members of the College staff present were Mrs. Shirley S. Bates, Mrs. Margaret Birkman, Mr. O. R. Downing, Dean Dorothy T. Garner, Mr. Robert L. Mason and Mr. D. M. McElroy.

The Associated Architects and Engineers were represented by Mr. Howard Schmidt, Mr. Hoyse McMurtry and Mr. Bob Messersmith.

Dean Garner had conferred with members of the Women's Residence Council and interjected the recommendations from the group as each question was considered.

2066. New Women's Residence Hall (HHFA Project CH-Tex-164(D))

On July 13, 1962, the project architects submitted a list of questions which need to be answered in order to prepare the plans and specifications. A copy of the letter is attached to and made a part of the Minutes. (Attachment No. 427, page 1215)

The questions were presented, and the answers are as follows:

1. Will the orientation of the building change? In conference with our mechanical engineers, orientation might change 20 degrees without air conditioning loads having to be recalculated.

There is to be no change in the orientation.

2. Will it be necessary to take the alternate eliminating 16 bedrooms? We recommend it not be taken.

Since the list of questions was presented, it has developed that it would be well to take the alternate in order that the plans and specifications for the existing structure may be duplicated to the fullest extent.

3. Will fallout shelters be required? If so we recommend that they be under one wing in each dorm, located so as to connect the two basements under the four-story residential wing.

The fallout shelters are to be included as an alternate. The architects were requested to study the possibilities of other use for the space.

4. Can telephone booths, except house phones and one booth on first floor, be taken out? We recommend that they be eliminated.

Yes. However, there is to be one pay phone for each floor.

5. Is switchboard area to be revised to eliminate switchboard? We recommend that it be eliminated.

The switchboard is to be eliminated, and the architects are to study the possibility of reversing the mail room and office to make more workable space for the counselor.

6. Will the alternate on the buzzer system be taken? We recommend it not be taken.

No.

2066. New Women's Residence Hall (HHFA Project CH-Tex-164(D))

7. Will the folding partition in the common lounge be required? Is it desired to totally recess the partition, if used, in the dining room side (breaking up the dining area) or enclosed on both sides of the lounge?

The architects were requested to study concealment and/or improve the design.

8. Are there any changes desired in the kitchen layout?

Probably not. If so, the changes would not be major. Mrs. Bates will work with the architects on the study.

9. Will urinals or rough-ins for urinals be required in toilet areas?

No.

(The housing needs have changed to the extent that a discussion ensued on whether or not the urinals in the women's residence hall now under construction, Project CH-Tex-150(D), should be removed as there are plans for a new air conditioned dormitory for men. It was agreed that there probably will be no need for men to occupy the project, and that it would be well to remove the urinals, provided an adequate credit could be received from the contractor. The architects were requested to secure the amount of credit from the contractor for the elimination of the urinals and submit it.)

10. Since kitchen basement probably will not house primary air conditioning equipment, should its size be reduced or will the other space be usable for other items?

The size should not be reduced.

11. Are four apartments required?

Yes. An additional apartment will be required for a relief counselor when the two new women's halls are complete. However, it will be possible to arrange for the apartment in one of the existing *halls*.

12. Are locks to be placed on the folding wardrobe doors in each bedroom?

Yes, if feasible. Prices are being obtained now for the installation of the locks in Project CH-Tex-150(D).

13. Is it desired to duplicate all interior materials and colors? We recommend that some changes be made (marble patterned stone, quarry tile, patterned walnut, etc.)

No. There should be changes.

14. Is it correct that the sewer will go to the southeast and that the water, steam, gas and electricity utilities go to the east?

At the moment, it looks as if the sewer facilities will go to the Northwest and the other utilities to the east.

15. In addition to the above questions, the following question was presented: Is it possible to say that it is officially settled to site the new women's dormitory, HHFA Project CH-Tex-164(D), 180 feet due west of the dormitory now under construction and oriented exactly as a new dormitory in other respects? If this dimension is set, would it be possible to receive a revised plot plan from the CPC indicating drives, parking lots and sidewalks for both women's dormitories? This information is necessary in order for us to complete the working drawings on this project for presentation to the Board on August 25, 1962. We are prepared to meet at your convenience if we can assist in the preparation of this revised plot plan.

2066. New Women's Residence Hall (HHFA Project CH-TeX-164(D))

The site will be due west of the women's dormitory now under construction, but the question of distance is yet to be settled. The architects were requested to work with Mr. Urbanovsky and Mr. Barrick in order to get an answer as soon as possible.

2067. New Men's Residence Hall (HHFA Project CH-TeX-167(D))

The architects asked for information on the following questions:

1. Will the scope of the project be expanded to house approximately 1,000 men now or in the future?

The Registrar has received requests for admission from 4,926 students so far this year, in comparison to approximately 2,850 last year. The question of raising the capacity of the proposed new men's hall to 1,000 was discussed informally with the members of the Building Committee of the Board of Directors and the architects at the meeting on July 23, 1962.

After discussion, it was agreed that it would be well to play with the idea of eight floors and 1,000 capacity, and that a check should be made with the HHFA and the Building Committee of the Board to see if such an arrangement would be feasible and acceptable.

2. If project expands, what revisions would be required in the kitchen-dining area?

If the number is increased, revisions would be necessary in the kitchen-dining room area. For one thing, three serving lines probably would be needed.

Mr. Barrick was of the opinion that perhaps the type of housing and feeding should be changed if we go to 1,000 in one building.

3. Also, if the project expands, would this affect supervision staff?

Yes, but there would be no problem as long as the wings house approximately 50 students.

4. Can preliminary HHFA application for funds be revised at this time to expand the project?

It will be necessary to check.

M. L. Pennington
Chairman

The meeting adjourned at 2:55 p.m.

Campus Planning Committee
July 26, 1962
Attachment No. 427
Item 2066

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

3134 Thirty Fourth

Stiles, Roberts & Messersmith

McMurtry & Craig

Lubbock, Texas

Schmidt & Stuart

July 25, 1962

M. L. Pennington
Vice President and Comptroller
Texas Technological College
Lubbock, Texas

Dear Mr. Pennington,

First let us say we certainly appreciated the time the Campus Planning Committee and the Building Committee of the Board gave us on Monday, July 23. Numerous important decisions were reached and many questions were answered meaning that we are essentially right on our planning schedule. We hope our participation in the portion of the agenda concerning our projects was performed to your satisfaction. Thanks again for the manner in which the afternoon was handled.

As a result of the above joint meeting, we find that we require the following additional information to develop schematics on the New Men's Dormitory (HHFA Project CH-Tex-167(D)). It would be most helpful to receive this information at or before the C.P.C. review scheduled for July 28, 1962. The information desired is as follows:

1. Will the scope of the project be expanded to house approximately 1000 men now or in the future?
2. If the project expands, what revisions would be required in the kitchen-dining area?
3. Also, if the project expands, would this effect supervision staff?
4. Can preliminary HHFA application for funds be revised at this time to expand the project?

In addition to the above questions relative to the New Men's Dormitory, is it possible to say that it is officially settled to site the New Women's Dormitory (HHFA Project CH-Tex-164(D)) 180 feet due west of the dormitory now under construction and oriented exactly as the new dormitory in other respects? If this dimension is set, would it be possible to receive a revised plot plan from the C.P.C. indicating drives, parking lots, and sidewalks for both Women's Dormitories? This information is necessary in order for us to complete the working drawings immediately on this project for presentation to the Board on August 25, 1962. We are prepared to meet at your convenience if we can assist in the preparation in this revised plot plan.

Very truly yours,

ASSOCIATED ARCHITECTS AND ENGINEERS

/s/ Howard W. Schmidt

Howard W. Schmidt, A.I.A.

HWS:mec(c)

cc: Stiles, Roberts & Messersmith
McMurtry & Craig

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 156

August 9, 1962

A meeting of the Campus Planning Committee was held at 9 a.m. on August 9, 1962, 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. D. M. McElroy, Mr. Robert L. Mason and Mr. O. R. Downing were present.

2068. Approval of Minutes

On motion by Mr. Urbanovsky, seconded by Mr. Barrick, the Minutes of Meetings Nos. 151, 152, 153, 154 and 155 were approved with the following corrections:

Item No. 2062A-5, page 1207, to read as follows:

"As there will be very few changes from the approved plan for the women's residence hall now under construction, the Building Committee authorized the preparation of working drawings and contract documents under direction of the CPC in order to maintain the time schedule."

The first paragraph of Attachment No. 421, page 1196, to read as follows:

"To confirm our conversation of Wednesday, May 23, the City sewer facilities in Canton Avenue at 19th Street are adequate to handle the girls dormitory that is presently under construction and the girls dormitory that is proposed for September, 1964, provided the two boys dormitories on the north side of the campus are disconnected from this line."

2069. President's Approval of Minutes

The Chairman reported that President Goodwin approved the Minutes of Meetings Nos. 151 on July 14, 1962, 152 on July 25, 1962, 153 on July 27, 1962, 154 on July 29, 1962 and 155 on August 2, 1962.

2070. Architecture-Computer Building

Equipment for Data Processing Center (\$4,655)

Mr. McElroy reported that the chairs are out for bids, and the rest of the equipment is on order. He expects to have the facilities completely furnished by the start of the fall term if not sooner.

2071. Chemical Engineering Building (Cain and Cain, \$326,003 - May 22, 1961)

Installation of Laboratory Equipment

Mr. Barrick reported that the last items arrived on August 6, 1962, and the job is now complete.

2072. Classroom-Office Building

Completion

Apparently the contractor hung the plaques and repaired the tile without saying anything to anyone. The job is now complete, and the \$250 being held can be paid to Mr. Duncan.

2073. Dormitory and Dining Facilities for Women (Project CH-Tex-150(D))
(H. A. Lott, Inc., \$2,764,546 - August 1, 1963)

A. Construction Progress

Progress is still excellent. The contractor is completing the concrete frame on the west end, and the project is apparently 70 per cent closed in.

B. Kitchen and Food Serving Equipment (West Texas Coffee and Equipment Company of Abilene, \$86,800.75)

The equipment is on schedule.

2074. Dormitory and Dining Facilities for Women (Project CH-Tex-164(D)),
\$3,750,000)

A. Full Application

The full application was submitted to the Housing and Home Finance Agency on August 2, 1962.

B. Site Selection

The item will be postponed until Friday when a meeting is scheduled with the Associated Architects and Engineers.

C. Fallout Shelters

President Goodwin has replied to the question as to whether or not the study and alternate bid for fallout shelters should be discontinued as follows:

"I am not sufficiently familiar with the options involved to really speak with any wisdom on this. Judging from Mr. Schmidt's letter, the inclusion of shelters would involve additional work on the part of the architects and presumably additional costs to the buildings. My suggestion for their consideration was based primarily upon the assumption that Federal funds would be available. Since it now appears that such will not be, at least in time for us to use them, I would recommend that any added features which fallout shelters would require be eliminated from the plans and from alternate bids."

The President's suggestions will be conveyed to the architects.

D. Sewer Lines

The sewer line at 19th and Canton can accommodate both Projects No. 150 and 164 according to Mr. Hickerson, City Director of Public Works, and the project architects have been notified.

E. Architects' Fees

The question will be discussed at the meeting on Friday with the project architects if they have proceeded to the point that they know how much duplication is involved.

F. Bond Counsel

Bond counsel is necessary for all bond issues and it was agreed to recommend McCall, Parkhurst, Crowe, McCall and Horton.

2075. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))

A. Application to HHFA

The preliminary request for a loan was filed with HHFA on July 11, 1962.

2075. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))B. Size

At the last meeting, the need for raising the capacity to 1,000 spaces and perhaps going as high as eight stories was discussed, with a check to be made with HHFA and the Campus and Building Committee of the Board for approval.

Mr. Travis William Miller, of HHFA, replied that there would be no problem in increasing the capacity or the number of stories as far as HHFA is concerned.

The three members of the Building Committee were polled by phone on the idea of studying the increased capacity and eight stories, and all three favored the study, with the report to be presented at the Board meeting on August 25, 1962.

C. Method of Food Service

A good bit of discussion has been held since the last meeting as to whether or not food service should be removed from the project and established in a separate structure.

It was agreed that, rather than make a major change in the food service at this time without adequate planning, food service will be included in the present structure, even if the capacity is increased to 1,000.

D. Time Schedule

The most difficult schedule for the architects is going to be on this project, and it will be necessary for us to move as rapidly as possible on the items as each arises in order that the architects can stay on the approved time schedule.

E. Fallout Shelters

Same as 2074C.

F. Status of Loan

The Chairman reported that he had met with the HHFA representatives last Tuesday in Fort Worth and that there is a complication of bond coverage under existing bond resolutions. However, it looks as if it may be possible to resolve the problem and the HHFA is assisting in the effort.

2076. East Engineering Building (Appropriation 1961-62, \$6,650; 1962-63, \$8,000)

Mr. Downing reported that the project is 90 per cent complete and is being held pending the arrival of some hardware. The project should be complete within the next week.

2077. Housing (Other)A. Married Student Housing

Mr. McElroy reported that the project is suspended pending clarification of some difficulties which have arisen over interim financing.

B. Renovation of West Hall

The CPC is convinced that Mr. Brown of Brown Showcase and Fixture Manufacturing Company has done all that he is going to do. He has gone over the doors again this summer and while there is improvement, the doors are not the equal of those in the other halls as contended by Mr. Brown. The consensus was that the finish is better and, under the circumstances, there seems to be little to do other than to recommend acceptance of the project which has been in dispute for over one year now. Also, it was agreed to attempt to prevent the

2077. Housing (Other)B. Renovation of West Hall

Brown Showcase and Fixture Manufacturing Company from getting another job on the campus. The two jobs done by the company were very difficult for the College, and the results have been no better than minimum.

C. Renovation of Sneed Hall

Painting (Adams Paint Company, \$11,875, plus \$900 for plaster patching)

Mr. Barrick reported that an inspection was made of the job on August 7, 1962, and the results were found to be excellent. There are a few minor items on the punch list which should be completed in short order, and the building should be available for cleaning by the dormitory crew not later than next Monday.

2078. Journalism Building (Tatum and Gailey, \$63,951)

Mr. Barrick reported that the contractor is moving along very well. He will meet his first deadline of 12 August 1962 and have the basement ready for the Journalism School.

2079. Killgore Beef Cattle Center (\$500,000)A. Plans and Specifications

Mr. Butterfield reported that after the meeting in Amarillo on August 2, 1962, Mr. George W. Short reported that he is on schedule and will be in Lubbock for review of the developments about the time anticipated.

B. Feed Mill

The preparation of the plans and specifications by the staff of the School of Agriculture is on schedule.

C. Sewage

Permission has been received from the Department of Army under date of August 3, 1962, to tie the sewage disposal line to the 24" line running from the air base through the property. A copy of the letter of permission is attached to and made a part of the Minutes (Attachment No. 428, page 1224)

2080. Library (J. M. Odom Construction Company, \$2,146,379)A. Construction Progress

The CPC agreed to recommend a final acceptance date of July 2, 1962.

B. Garden Room (\$20,000 Appropriated for Furniture and Plant Containers)1. Furniture

Mr. McElroy reported that the furniture list is out for bids at the present time, and the bid opening is scheduled for August 14, 1962.

In all probability, the furniture for the Garden Room will not be available when the official dedication is held on October 21, 1962.

2. Plant Containers

Mr. Urbanovsky reported that labor and soil have been estimated at \$590 and plant material at \$591, making a total for the plants and material of \$1,181. The containers are now being designed, and the cost estimate will be available shortly.

2080. Library (J. M. Odom Construction Company, \$2,146,379)

C. Carrels (Industrial Fixtures Company, \$13,420)

Mr. Barrick estimated that installation of the carrels is 80 per cent complete.

D. Stacks - Shelving (Remington Rand, \$57,017)

The installation was completed on July 3, 1962.

E. Book Transfer

Mr. Janeway reported that the transfer of books and the equipment by Armstrong Warehouse and Transfer Company was completed on July 31, 1962.

F. Liquidated Damages

As requested by the CPC, the architect has been working on a recommendation for possible liquidated damages and will be in Lubbock next week to help close out the project.

G. Plaques

The decision has already been made that plaques will be prepared for each donor, and the wording is being arranged with the donors. It was agreed to request Mr. Butterfield to work with Mr. Barrick on the size and character of the plaques and tasteful locations.

H. Landscaping

Mr. Urbanovsky reported that the installation of the sprinkling system has started and as soon as it is completed, grass will be planted.

I. Walks

Mr. Urbanovsky suggested that a study be made of the area needed for walks and that such walks be installed as soon as possible.

2081. Library, Old (Turner Construction Company, \$119,296)

Construction

Mr. Barrick reported that the work order was issued as of August 14, 1962, as the College promised the contractor a free building. There are still faculty members officing in the building and a great deal of equipment which needs to be removed. All other things are in order for the contract to start.

2082. Long-Range Plan

It was agreed that the study of the Long-Range Plan should be resumed at the first possible opportunity.

2083. Museum

After a thorough discussion, it is doubtful in view of the use of the Old Library that adequate space could be devoted to the needs of the Museum. It was recommended that other places on the campus be sought, with possible use of the old Dairy Barn. Mr. McElroy will spearhead the effort to locate space.

2084. Music

Room in the Dairy Building

Mr. Downing reported that the building is complete except painting, and that it will be done shortly.

2085. Other ItemsA. Biology

Mr. McElroy reported that Dr. Tinkle is preparing the old Bull Barn for installation of his research project.

B. Department of Geosciences

The over-all better procedure seems to be to retain Room 35 in the Science Building for a classroom with the elimination of noise from the adjoining equipment room and arrangements made to operate the air handling unit, that the shop in Room 159 be moved to Room 12 in the basement, and that Room 159 be converted to an equipment issue room in order to maintain proper inventory control and more efficient departmental operation.

2086. ParkingA. Extension of Reserved Parking Lot (Belcher Paving Construction Company, \$10,663.36)

The job is now complete and ready for striping.

B. Dirt Lot South of Library

The contractor has removed the mounds of soil from the area to the east, and the dirt lot will not be enlarged.

2087. Policy ProceduresA. Television Conduit

As requested by the President, the installation of television conduit in future buildings is being studied. The needs within the buildings are very difficult to anticipate, but attempts will be made to do the best job possible in providing such conduit.

B. Bond Situation

Still under study.

2088. Psychology and SpeechA. Acoustical Consultant

Since the last meeting, it has developed that an acoustical consultant seems to be essential for the theater in the Speech Building, and the recommendation was approved by the Building Committee. Some late information has been received which could affect the award and the CPC voted to continue the study for a few days longer.

B. Equipment Consultant

Dr. Larson had suggested the advisability of employing an equipment consultant. After much consideration, the CPC members were of the opinion that the Speech staff, project architects and College staff, with help from equipment suppliers, could handle the technical needs for equipment.

2089. Relocation of Farm FacilitiesLivestock FacilitiesDairy FacilitiesFences, Outbuildings, etc., in Connection with Old Milking Parlor

- 1) The fences and buildings have been sold to Mr. Joe L. McKinney and Mr. Walter L. Woods

2089. Relocation of Farm FacilitiesLivestock FacilitiesDairy FacilitiesFences, Outbuildings, etc., in Connection with Old Milking Parlor

- 1) of Seminole, Texas, for \$1,152.50, with the understanding that they are to clear the site by August 20, 1962, with the exception of concrete slabs and concrete water troughs.
- 2) Mr. Urbanovsky will have the caleche removed from the old road bed.

2090. Scale Model

For the purpose at this time, it is practically complete.

2091. Science Building (Carl E. Maxey, \$431,707 - February 13, 1962)A. Equipment Connection

The installation has gone as far as possible until the rest of the equipment is delivered.

B. Furniture and Millwork (Hamilton Manufacturing Company, \$44,255 June 7, 1962)

Some of the table tops and legs have been delivered, and a check is being made now to see if the delivery is complete.

2092. Telephone SystemA. Doak Hall Kitchen RemodelingMechanical, Electrical and Ceiling Work (Anthony Company, \$3,995)

The final estimate has been received from the contractor, but there are a few minor items which need attention.

B. Report on Other Installation, including estimated times when phone service will be available in the halls

Mr. McElroy reported that the installation will be completed in time for a cutover for the Administrative phones on September 8 or 10, and that the cutover for the dormitories will be made when the dormitories open. The installation is complete, the telephone company is preparing an interim directory, and all odds and ends seem very well coordinated.

2093. Texas Tech PressAir Conditioning (P and C Mechanical Contractors, \$22,765)

The CPC voted to recommend a final acceptance date of July 18, 1962

2094. Textile Engineering BuildingAir Conditioning (Anthony Company, \$29,880)

The installation is complete and undergoing the leveling out process at the present time.

2095. UtilitiesA. Provisions for Utilities to New Women's Dormitories and Psychology and Speech

Mr. Mason secured approval from HHFA on August 1, 1962, in Fort Worth, and advertisements are now being run for bids

2095. UtilitiesA. Provisions for Utilities to New Women's Dormitories and Psychology and Speech

to be opened August 21, 1962, and the contract award is scheduled for August 25, 1962.

B. Sewage Disposal Line to North1. Engineers

After a good bit of consideration, it was agreed that it would be well to employ an engineering firm to handle the sewage disposal line to the north and the lift station. It was agreed to recommend Parkhill, Smith and Cooper and to request the firm to present a proposal to the CPC in time for study and presentation to the Board of Directors on August 25, 1962.

2. Direction

It was agreed that there should be a meeting with the staff of the Department of Agriculture, the engineers and the CPC in an attempt to avoid cutting through the research fields with the line, if possible.

2096. West Engineering Building Renovation (1961-62, \$7,000)

Mr. Downing reported that work is to begin next week on the renovation.

M. L. Pennington
Chairman

The meeting adjourned at 11:35 a.m.

Campus Planning Committee
August 9, 1962
Attachment No. 428
Item 2079 C

DEPARTMENT OF THE ARMY
Pantex Ordnance Plant
P. O. Box 1887
Amarillo, Texas

3 August 1962

Mr. M. L. Pennington
Vice President and Comptroller
Texas Technological College
Lubbock, Texas

Dear Mr. Pennington:

As you were previously advised, your request dated 26 June 1962 was forwarded to higher Headquarters, and we have now received word from the District Engineer, U. S. Army District, Albuquerque, New Mexico, that permission has been granted to discharge the sanitary sewage from the administrative area of the Killgore Beef Cattle Center into the existing 24" sewer main at manhole No. 55. The request has also been approved by the former Ordnance Ammunition Command at Joliet, Illinois which is currently designated as the U. S. Army Ammunition Procurement and Supply Agency.

It is understood that this connection to the manhole will be constructed at the expense of your College and is subject to inspection following completion by Mason & Hanger-Silas Mason Co., Inc.

This office is pleased to advise you of this approval in view of the most cooperative attitude of Mr. Smith and your office in working with your organization.

Sincerely,

/s/ Herman R. Rice
HERMAN R. RICE
Major, OrdC
Commanding

CC
Mr. J. P. Smith, Manager
Pantech Farms

U. S. Army Ammunition Procurement
and Supply Agency
ATTN: SMUAP-AM

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 157

August 10, 1962

A meeting of the Campus Planning Committee was held at 3 p.m. on August 10, 1962, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington.

Other College staff members present were Dean Lewis N. Jones, Mrs. Margaret R. Birkman, Mr. Robert L. Mason, Mr. O. R. Downing and Mr. D. M. McElroy.

The Associated Architects and Engineers were represented by Mr. Howard Schmidt, Mr. Bob Messersmith and Mr. Calvin Craig.

2097. New Men's Residence Hall (Project CH-Tex-167(D))

A. Height

A very great deal of discussion was held on the number of stories of the project to house approximately 1,000 resident men. The height of the project is determined to a large extent by the number of students in each wing in order to conform to a reasonable number for supervisory purposes. The Dean of Men recommends 40 to 50 students per wing advisor. Combinations of four and six, four and seven, five and seven, five and eight, six and six and eight and eight stories were studied.

The final consensus was to recommend a combination of four and seven stories which would total 1,014 residents and provide 44 per wing advisor in one section and 49 in the other.

Elevations and scale models for each combination of stories were studied.

B. Site and Orientation

After preliminary discussions, the Architects were requested to work with Mr. Urbanovsky and Mr. Barrick.

C. Layout for Lower Floors

Various combinations of arrangements on the lower floors were discussed.

D. Dining Room and Kitchen

It was agreed that food service should be included in the project, and after preliminary discussion, the project architects were requested to work with Mrs. Bates and Mrs. Birkman.

E. Office

In the study of the layout for the lower floors, the consensus was that it would be well to study the possibility of having one central office for the entire hall rather than two as customary.

F. Post Office

The idea of one post office for the project was deemed worthy of further study.

G. Water Tanks

It was the consensus that water tanks should be provided in the building to assure adequate water pressure on the top floors.

2097. New Men's Residence Hall (Project CH-Tex-167(D))H. Elevators

It was agreed that electric rather than hydraulic elevators should be used.

I. Concessions

A good bit of discussion ensued on the number of locations, the type of concessions and space. One location for concessions was felt to be worthy of further consideration. The possibility of providing a manned snack bar in the project was discussed and also deemed worthy of additional study.

J. Miscellaneous

Other discussions were held on circulation, ingress and egress, parking and related items.

M. L. Pennington
Chairman

The meeting adjourned at 5:30 p.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 158

August 17, 1962

A meeting of the Campus Planning Committee was held at 3:30 p.m. on Friday, August 17, 1962, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington.

Other College staff members present were Dean Lewis N. Jones, Mrs. Margaret R. Birkman, Dean Dorothy T. Garner, Mr. D. M. McElroy, Mr. O. R. Downing and Mr. Robert L. Mason.

The Associated Architects and Engineers of Lubbock were represented by Mr. Howard Schmidt, Mr. Hoyse McMurtry and Mr. Bob Messersmith.

2098. Dormitory and Dining Facilities for Women (Project CH-Tex-164(D)
\$3,750,000)

Toilets

It was agreed to eliminate provisions for the future installation of urinals and to relocate the sinks for hair washing in order to provide more space. The arrangements were approved by all present.

2099. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D)

A. First Floor Plans

The first floor plans were studied with special emphasis on access to the dining room, office and mail room, and the flow of traffic.

B. Food Service

Whether or not food service should be handled separately was again discussed, as some additional thinking had been presented earlier. After considerable discussion, it was agreed that it would not be feasible to separate food service from the project and that it would be included.

C. Mail Room

It was agreed that there would be one mail room for the entire project in the downstairs lounge.

D. Office

It was agreed that there would be one office in the downstairs lounge.

E. Balcony

The idea of providing a formal-type lounge as a balcony over the entrance lounge was discussed and approved.

F. Basement

As requested, the architects had studied the idea of having a manned concession area in the facility and recommended having one in the basement of the building. The tentative plans were studied in detail, and it was agreed that the idea is good.

In addition, it was agreed that there should be toilets for men and women in the basement and space for dry cleaning and laundry concessions.

2099. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))G. Residential Wings

The general arrangement and sizes of the residential wings were studied.

H. Apartment Layouts

It had been agreed previously that the two apartments for supervisors in the project would be two-bedroom apartments. The location and arrangement were studied, and the recommendation was made that the second bedroom be constructed in such a manner that if the supervisor had no children, it could be converted to revenue space on a temporary basis.

It had been agreed previously that the two dietitians' apartments would have only one bedroom. Whether or not to include the apartments within the residential area was discussed. The architects were requested to study the location of the apartments and to report back.

I. Toilets

The toilet stalls as requested by the CPC have been designed, and the other arrangements for the toilets were discussed. The architects feel that substantial improvement is being made in the shower arrangements.

J. Alternate

The architects suggested that if the dietitians' apartments are to be included in the residential area, it might be well to include an alternate in the bids to provide a room in each of the four-story sections to offset the loss of revenue space. The suggestion was accepted.

K. Second Floor Concessions

After consideration, it was agreed to eliminate the concession areas located on the second floors, as the residents can easily go to the basement to the concession, and it should be little trouble with the use of the elevators.

L. Pay Phones

It was agreed that there would be pay phones on each floor.

M. House Tank

It was agreed that there would be a house water tank near the elevator penthouse.

N. Bedroom Enlargement

The Men's Residence Council had requested consideration of a longer bed, wider chest and higher and wider desks. Various means of increasing the sizes were discussed. One possibility would be to add eight inches to each room, which would provide for an increase of three and one-fourth inches for the desk, two and three-fourth inches for the bed and two and one-fourth inches for the chest. The bed would be seven feet long. The cost would be approximately \$45,000.

After a great deal of discussion, it was agreed to make the beds seven feet long and reduce the size of the chest of drawers to compensate.

O. Serving Lines

The kitchen layout was discussed tentatively, with the conclusion that the architects should go as far as possible, but to hold the final plans until Mrs. Bates is available.

2099. Dormitory and Dining Facilities for Men (CH-Tex-167(D))O. Serving Lines

It was agreed that if the length of the class day is to be increased, it would alleviate some of the need for additional serving lines. There is a need for a great deal of study, and it can be done later without adversely affecting the time schedule.

P. Post Office Boxes

The idea of eliminating post office boxes in the project and all other dormitories was raised, and both Dean Jones and Dean Garner highly favored the removal of the post office boxes from all halls if there could be a central post office on the campus.

It was agreed that it would be impossible with the present post office facilities to have such an arrangement, but that the possibilities are worthy of study and that it should be done for the future. The architects stated that if the College wished to change the plans and could let them know by 1964, the post office boxes could be removed from the project.

---Dean Jones, Dean Garner and Mrs. Birkman left the meeting at 6 p.m.---

2100. Other ItemsA. Tunnel and Chiller Location

The location of the tunnel and chiller for the three projects was discussed in great detail, and a tentative routing was approved. However, the final decision must be made on the basis of cost, and it was agreed that a cost study will be prepared, with a report to be made as soon as it is ready.

B. Fallout Shelter Alternate

The architects reported that there is no way for them to include a fallout shelter without additional cost, and it was agreed that the idea would be dropped in keeping with the thoughts of the President.

C. Progress Report

The architects presented Progress Report No. 1 under the date of 17 August 1962, and it was discussed. A copy is attached to and made a part of the Minutes. (Attachment No. 429, page 1230)

2101. Psychology and SpeechAcoustical Consultants

Since the last meeting, the CPC has reviewed the prospects for acoustical consultants for the theater in the Speech facilities and concluded that Bolt, Beranek and Newman of Cambridge seemed to provide the highest quality of service. With the approval of the Building Committee, the services of the firm have been engaged.

Mr. Jack Curtis, representing the firm, has been on the campus and has gone over the developments, needs and maximum utilization of the facilities. All who have worked with him are pleased with the initial contact. He estimated that the services desired by the College would cost about \$1,500.

M. L. Pennington
Chairman

The meeting adjourned at 6:40 p.m., the next meeting to be held with the project architects at 2 p.m. on Wednesday, August 22, 1962.

Campus Planning Committee
 August 17, 1962
 Attachment No. 429
 Item 2100 C

ASSOCIATED ARCHITECTS AND ENGINEERS

17 August 1962

Progress Report No. 1

PSYCHOLOGY BUILDING - WORKING DRAWINGS:

Architectural drawings	65%
Structural drawings	15%
Mechanical drawings	25%
Specifications	0%

Needed Information:

Answers to letter of July 27 and August 7, 1962
 Request acoustical consultation on special areas
 Tunnel decisions
 Finish floor elevation set
 Office wardrobe and bookshelves decisions

SPEECH BUILDING - WORKING DRAWINGS:

Architectural drawings	25%
Structural drawings	15%
Mechanical drawings	15%
Specifications	0%

Needed Information:

Stage rigging decisions from Speech Department
 Extent of acoustical consultation desired
 Acoustical design
 Tunnel decisions
 Finish floor elevations set

WOMEN'S DORM NO. 164 - WORKING DRAWINGS:

Architectural drawings	95%
Structural drawings	95%
Mechanical drawings	95%
Specifications	70%

Needed Information:

Siting including sidewalks, tunnels, parking, etc.
 Toilet layout approval
 Fallout shelter decisions
 We are planning only one alternate on extra bedrooms. Are any other desired?
 We suggest that study be made of windows to be added to the four-story wing south stair for light and to break up large expanse of masonry. Also at second floor of north stair.

Progress Report No. 1

MEN'S DORM NO. 167 - PRELIMINARIES:

Architectural drawings	80%
Structural drawings	40%
Mechanical drawings	40%

Needed Information:

- Siting including tunnels, parking
- CPC approval of preliminaries
- Kitchen decisions
- Approval to add 8" to bedroom length
- Fallout shelter decision

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 159

August 22, 1962

A meeting of the Campus Planning Committee was held at 1:30 p.m. on Wednesday, August 22, 1962, 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, Mr. Robert L. Mason and Mr. D. M. McElroy were present.

2102. Agenda for Joint Meeting

The Agenda for the joint meeting of the Building Committee of the Board and the Campus Planning Committee at 4 p.m. on Friday, August 24, 1962, was discussed and approved, and the discussion on the utilities tunnel was under way when the project architects entered the meeting.

Mr. Howard Schmidt, Mr. Bob Messersmith and Mr. Hoyse McMurtry, representing the Associated Architects and Engineers, entered the meeting at 2:05 p.m.

2103. Residence Hall and Dining Facilities for Women (Project CH-Tex-164(D))

A. Site

The original proposed site for the project was recommended.

B. Test Holes

In keeping with past procedure, the project architects were requested to proceed with the drilling of eight test holes at the site in order that the plans and specifications may be completed.

C. Final Plans and Specifications

As the project is very similar to Project CH-Tex-150(D), it was agreed that the final plans and specifications will be presented to the Building Committee on Friday afternoon.

2104. Psychology and Speech

A. Psychology

The working drawings to date were reviewed by floor and the elevations and other information were studied again.

B. Speech

The contribution of the acoustical consultant to date was discussed. He has made some good suggestions and has been very helpful, although the plans cannot be completed until additional information is received from him.

The design of the auditorium walls is being held for the consultant, and the Associated Architects and Engineers reported that they are pleased with the general design of the acoustical consultant and the fact that his work will not affect the structural plans.

Three hundred ninety-nine permanent seats with twenty removable seats are planned for the auditorium.

2104. Psychology and SpeechB. Speech

As the use of carpeting will affect the acoustics, it was agreed to take an alternate on carpeting under the seats of the auditorium. It was agreed to provide a wall of sufficient quality to provide noise control between the stage and the workroom, also. The control booths, catwalks, loft, equipment and finishes were discussed.

It was agreed that alternates on the two projects would be taken for the Speech-Hearing Clinic, certain finishes in the Psychology basement and carpeting under the seats in the auditorium.

C. Working Drawings

The CPC voted to recommend the working drawings to the Building Committee on Friday afternoon of this week.

2105. Residence Hall and Dining Facilities for Men (Project CH-Tex-167(D))A. Plans and Specifications

The architects reported that the requested changes have been incorporated in the design. The office-mail room areas have been revamped and were approved for preliminary design.

The location of dietitians' apartments was discussed at length, and no adequate solution emerged. The architects were requested to continue the study.

A great deal of time was devoted to the revised concession areas on the lower floor. After a lengthy discussion, it was agreed by majority vote to proceed with the concession area design as shown.

It was agreed to recommend the preliminary plans and specifications to the Building Committee Friday afternoon.

Mr. Schmidt and Mr. McMurtry left at 4:35 p.m. Mr. Messersmith was requested to remain, as the utility location affects his portion of the work on the two new women's halls.

B. Project Budget

The architects presented a preliminary cost estimate on the construction phase of the project, and a copy is attached to and made a part of the Minutes. (Attachment No. 430, page 1233)

2106. UtilitiesProvisions for Utilities to New Women's Residence Halls and Psychology and SpeechContract Award

Whether or not W. B. Abbott, General Contractor, should be awarded the contract as low bidder was discussed in detail. The CPC is not happy with the last project done by Mr. Abbott. However, after lengthy discussion, by majority vote it was agreed to recommend to the Building Committee that the contract be awarded in the amount of \$101,357.10 to W. B. Abbott, General Contractor, of Lubbock, with the stipulation that a meeting be held in the morning with Mr. Abbott in order that he may know the feelings of the Campus Planning Committee and what is expected of him and his subcontractors. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 431, page 1234)

M. L. Pennington
Chairman

The meeting adjourned at 6:05 p.m.

Campus Planning Committee
 August 22, 1962
 Attachment No. 430
 Item 2105 B

Project CH-Tex-167(D)

PRELIMINARY COST ESTIMATE:

Construction Costs for 1042 Spaces

Bedroom Wings	\$ 2,789,100
172,180 SF @ 15.75	
4,140 SF @ 9.50	
2,666 SF @ 14.25	
Formal, Informal and TV Lounge	
7,064 SF @ 14.25	100,700
Offices, Mail, Vestibules, Stairs, etc.	
9,416 SF @ 11.50	108,300
Kitchen and Dining Area	
18,540 SF @ 17.00	315,200
Basement Area (Laundry, Snack Bar, Recreation, Storage, etc.)	113,500
9,266 SF @ 11.50	
924 SF @ 7.50	
Basement for Mechanical Equipment	59,500
7,938 SF @ 7.50	
Elevators	110,000
Air Conditioning Equipment and Ducts	180,000
Outside Terrace (not included)	
Total Construction Cost	\$ <u>3,776,300</u>
<u>Architect and Engineering Fees</u>	\$ 188,800

Campus Planning Committee
 August 22, 1962
 Attachment No. 431
 Item 2106

CONCRETE TUNNELS AND EXTENSION OF UNDERGROUND UTILITIES FOR DORMITORY AND DINING FACILITIES FOR WOMEN, HHFA PROJECT NO. CH-Tex-150(D)

Plans and Specifications prepared by Office of the Supervising Engineer, Texas Technological College, Lubbock, Texas

Bid Opening at 2 p.m. (CST), August 21, 1962, in Room 172, Administration Building, Texas Technological College, Lubbock, Texas

TABULATION OF BIDS

Contractor	Bid Sec.	Ackn. Add.#1	Ackn. Add.#2	Total Base Bid
W. B. Abbott, Gen. Contr. Lubbock, Texas	X	X	X	\$ 101,357.10
Anthony Company Lubbock, Texas	X	X	X	109,207.50
J. D. Bell and Co. Lubbock, Texas				
Bennett Construction Co. Lubbock, Texas	X	X	X	114,366.00
Brown-McKee, Inc. Lubbock, Texas	X	X	X	116,393.82
Brown Supply Lubbock, Texas	X	X	X	113,076.48
Knox and Gailey Lubbock, Texas				
H. A. Lott, Inc. Houston, Texas				
Martyn, Inc. Dallas, Texas				
P and C Mechanical Contr. Lubbock, Texas				
Panhandle Construction Co. Lubbock, Texas				
Pickett Electric Co. Lubbock, Texas	X	X	X	112,348.75
Riveire Construction Co. Lubbock, Texas				
Rountree Company Lubbock, Texas	X	X	X	124,580.00
Tatum and Gailey Constr. Co. Lubbock, Texas				
Teinert Construction Co. Lubbock, Texas				

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 160

August 23, 1962

A meeting of the Campus Planning Committee was held at 9 a.m. on Thursday, August 23, 1962, 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. Robert L. Mason was present. Also present, at the request of the Campus Planning Committee, was Mr. W. B. Abbott.

2107. Utilities

Utilities to New Women's Residence Halls and Psychology and Speech

The CPC explained to Mr. Abbott that the College may not be getting the quality of work that it deserves in all cases, that his work on the Agricultural Plant Sciences Building left something to be desired, that the College was expecting a first-class job on the utility tunnel, that Mr. Mason has been charged with responsibility to see that it is obtained and that the purpose of the meeting was to be sure that he knew what is expected before he accepted the job.

It was also explained to him that the CPC agreed to recommend him as low bidder after some deliberation and only by a majority vote.

Mr. Abbott said that he concurred with the idea of a first-class job and that the College should get its money's worth.

When asked who the superintendent would be, he said that he would handle the job himself or get a superintendent, subject to the approval of the College.

When asked for names of his subcontractors, he said that the American Electrical Company would do the electrical work, the Anthony Company the piping, and Moore Supply Company the outside utilities, gas and water. He said that the addition of the Anthony Company was made in order to strengthen his subcontractors. The CPC knows every one of his subcontractors and all are very acceptable.

It was mentioned to Mr. Abbott that the specifications require certified welders, and that their papers will be checked and every joint will be checked under pressure. He understood, he said, that this must be a good job or there may not be another one.

When asked for his financial statement, he suggested that we contact the American State Bank, where he has a line of credit. The bank was contacted, and it is felt that the line of credit established by him with the bank is adequate for the job.

Mr. Mason reminded Mr. Abbott that the plans and specifications provide 120 days for the completed job, with a \$50 per day liquidated damage clause. Mr. Abbott understood.

Mr. Abbott requested that the project be staked as soon as possible in order that he could order materials. He said that it would take two or three weeks to have the material on the ground and that he did not wish to break ground until the materials were available. It was felt that with Board approval on Saturday, it would be in order for him to proceed with orders for the material. Several weeks will be required for approval by the HHFA, and the timing should be just about right.

2108. Killgore Beef Cattle Center (\$500,000)

Dean Gerald W. Thomas, Mr. George W. Short, Project Architect, and Mr. D. M. McElroy entered the meeting at 10 a.m.

A. Center1. Presentation

The site on the plot plan, the area of grading, markers and utilities were studied. The structural drawings prepared by Mr. Wallace Hazlewood were studied, with special emphasis on floor drains, slope of the floor and the animal area. The drawings for the pens and gates and control were studied. The elevations, plot plan and facilities in general were gone over carefully by the CPC.

2. Final Plans and Specifications

It was agreed to recommend the final plans and specifications to the Building Committee on Friday afternoon, subject to minor refinements at a later date.

3. Contract Award

It was agreed to request authorization to advertise for bids and open bids in Amarillo on or about October 3, 1962, at 2 p.m., at a place to be designated by Mr. Short.

It was also agreed to recommend that the Building Committee be authorized to award the contract between meetings or that other arrangements be made to award the contract.

B. Feed Mill

Dean Thomas presented the design and specifications of the feed mill as prepared by members of the faculty of the School of Agriculture. Dean Thomas presented the design of standard mechanized units which can be bid as a unit, along with such items as cost, availability and maintenance.

The CPC voted to recommend the final plans and specifications to the Building Committee on Friday afternoon, and to recommend that the bids be taken and the contract awarded at the same time as those for the Center.

C. Alternates

Dean Thomas said that alternates would be taken on the number of pens in order to come within the money if necessary.

The CPC recessed at 12:15 p.m. and reconvened at 1:30 p.m. with Mr. Urbanovsky, Mr. Barrick, Mr. McElroy and M. L. Pennington present.

2109. Residence Hall and Dining Facilities for Women (Project CH-Tex-164(D))
(\$3,750,000)Architects' Fee

The CPC voted to recommend $3\frac{1}{2}$ per cent as the fee for the Associated Architects and Engineers of Lubbock, as the plans are practically a duplicate of those on Project CH-Tex-150(D).

A copy of the proposal from the Associated Architects and Engineers is attached to and made a part of the Minutes.
(Attachment No. 432, page 1238)

2110. Library (J. M. Odom Construction Company, \$2,146,379)Liquidated Damages

The Campus Planning Committee has been studying the question of liquidated damages off and one for weeks and accumulating

2110. Library (J. M. Odom Construction Company, \$2,146,379)Liquidated Damages

information as time passed. The study culminated in a request dated August 17, 1962, from the contractor for an extension of time and recommendations from Mr. Pitts and Mr. Barrick. The letters are attached to and made a part of the Minutes. (Attachment No. 433, page 1239)

After consideration, the CPC voted to recommend an extension of $263\frac{1}{2}$ days to the contract as set out in the file. If approved by the Board, no liquidated damages will be due.

2111. UtilitiesA. Sewage Line to North

After examination of the proposal and the amount of the fee, the CPC voted to recommend the employment of Parkhill, Smith and Cooper to do the engineering work to run the sewage line from the two existing men's residence halls and the proposed new men's residence halls to the corner of Fourth and Indiana and to provide a lift station at that point for a fee of $7\frac{1}{2}$ per cent, plus expenses of supervision in an amount not to exceed \$500.

B. Long-range Plan for Utilities

It was agreed that a long-range plan for utilities should be started and that a study should be made to determine the proper procedure to follow.

2112. Long-range Plan for the College

It was agreed that efforts should be made to find a person to assist with the long-range plan. Mr. Barrick mentioned that he has one prospect and is checking with him.

M. L. Pennington
Chairman

The meeting adjourned at 2:35 p.m.

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK
Lubbock, Texas
313⁴ Thirty Fourth

Stiles, Roberts & Messersmith
Sherwood 4-8407

McMurtry & Craig
Sherwood 4-4342

Schmidt & Stuart
Porter 5-8881

W O M E N ' S D O R M N O . 2

CH-Tex-164(D)

	Architectural & Mechanical Fee	A/C if Turned More than 20°	Fallout Shelter Area
Preliminary Plans	$\frac{1}{4}\%$	$1\frac{1}{4}\%$	$1\frac{1}{4}\%$
Site Adaptation; Reuse of and Responsibility for Plans; and Working Drawings Revisions and Adaptations	$1\frac{1}{2}\%$		
New Working Drawings	0	$2\frac{1}{2}\%$	$2\frac{1}{2}\%$
Supervision Retyping HHFA specs; retyping certain architectural and mechanical specs; reissuing plans and specs; taking 4 bids and awarding contracts	$1\frac{1}{4}\%$	$1\frac{1}{4}\%$	$1\frac{1}{4}\%$
	3%	5%	5%
	$\frac{1}{2}\%$		
	$3\frac{1}{2}\%$	5%	5%

Campus Planning Committee
August 23, 1962
Attachment No. 433
Item No. 2110

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

Office of the
Supervising Architect

August 20, 1962

Mr. M. L. Pennington
Vice President and
Comptroller
Campus

Dear Mr. Pennington:

Re: New Library Building
Final Inspection

On 16 and 17 August 1962, the final inspection was made of the New Library Building by Mr. L. W. Pitts, Mr. Richard Phelps, Mr. Charles Morton, Mr. Bill Felty, Mr. Jack Roberts, Mr. Ray Downing, Mr. Pat Munn and myself. This inspection was in the nature of a final completion of all details including the delivery of guarantees, the evaluation of the requests for time extension and the determination of certain amounts of money to be withheld from subcontractors who have not completed their work to date. In certain instances it will be impossible for the subcontractors to complete their work in final form until the heating season starts this winter.

I am attaching hereto a letter from Mr. L. W. Pitts dated 17 August 1962 and a letter from J. M. Odom Construction Company dated 17 August 1962 relative to the extension of time. I concur wholeheartedly with both documents and I feel that the requests for time extensions and the reasons therefor are valid and legitimate, and I would recommend their approval as submitted.

We have instructed J. M. Odom Construction Company to submit a final estimate to the Architects for certification, and we hope to make final payment less certain stipulated deductions sometime during the week after the Board meeting of 25 August 1962.

Very truly yours,

/s/ Nolan E. Barrick

Nolan E. Barrick, A.I.A.
Supervising Architect

NEB:ml(b)
Encs.

PITTS, MEBANE AND PHELPS
Architects and Engineers
1872 Calder Avenue
Beaumont, Texas

August 17, 1962

Texas Technological College
Lubbock, Texas

Attention: Mr. Nolan E. Barrick

Gentlemen:

This is to advise you that we have carefully reviewed J. M. Odom Construction Company's letter of August 17, 1962, relating to construction time extensions for your new Library Building.

Our records indicate that the project was begun on June 22, 1960, and was substantially complete on June 10, 1962, and that this totals 718 calendar days. The construction time provided for in the contract is 460 calendar days, and therefore, the time beyond the contract time is 258 calendar days.

Our careful review of J. M. Odom Construction Company's letter of August 17, 1962, indicates to us that the contentions concerning time delays beyond the contractor's control are accurate and reasonable and, therefore, we recommend to you that no assessment be made for liquidated damages due to construction time.

Very truly yours,

PITTS, MEBANE AND PHELPS

/s/L. W. Pitts

L. W. Pitts

LWP:b(b)

cc: J. M. Odom Construction Company

J. M. ODOM
General Contractor
P. O. Box 774
Austin, Texas

August 17, 1962

Mr. L. W. Pitts
Pitts, Mebane and Phelps
1872 Calder Avenue
Beaumont, Texas

Dear Mr. Pitts:

Re: Texas Tech Library Building
Lubbock, Texas
Delays in Extension of Time

Supplementing our letter of July 25, 1962, regarding the contract time on the above job, we wish to submit herewith the detailed record and summary of the total contract time, including delays.

As we have previously stated, some of our prior requests for extension of time, which were submitted in good faith at the time the delay occurred, proved to be incorrect, particularly in the case of the delay occasioned by the rejection and replacement of the foreign reinforcing steel and the secondary delays occurring in the delivery of our materials due to this shutdown; also to the shortage of skilled workmen due to government missile base projects being under construction in this area during the critical construction periods on this job. The missile base projects directly influencing our work were in the Abilene, Texas, Dyess Air Base area and the Roswell, New Mexico, area.

We are summarizing below the contract time, including requested extensions:

Date of contract: June 10, 1960
Date contract received: June 12, 1960
Date of Work Order starting time: 10 days after receipt
of contract, June 22, 1960
Bid time in contract: 460 calendar days

Requests for extension of time:

- | | |
|--|---------|
| (1) July 5, 6, 7, 1960 - delay due to excessive rain and mud | 3 days |
| (2) July 8, 11, 12, 13 and 14, 1960 - delay due to excessive rain - site flooded | 3½ days |
| (3) October 17 and 18, 1960 - delay due to excessive rain | 2 days |
| (4) November 29, 1960, to January 13, 1961 - actual job shutdown time for testing occasioned by rejection of foreign steel | 45 days |
| (5) January 14, 1961, to March 10, 1961 - delay due to refabrication of all reinforcing steel above first floor from domestic steel and due to unavailability of sufficient skilled carpenters and ironworkers who had to be rehired and retrained after 7 week shutdown | 56 days |

Requests for extension of time (cont'd):

- (6) May 6, 1961, to June 16, 1961 - time required for investigation, testing and evaluation of a suitable method for repairing certain concrete members and concluding on the gunite method for this work. This reworking of concrete members was occasioned in part by incorrect concrete laboratory mix design. 42 days
- (7) August 12, 1961, to September 24, 1961 - delay in delivery of mechanical equipment - blowers, fan housing and related equipment - due to factories rescheduling other orders during our shutdown for testing and replacement of foreign steel. All of this equipment had to be set in place before the top floor and roof could be closed in. Due to the delay in the replacement of the foreign steel, our mechanical subcontractor instructed the factories to delay these shipments until construction was resumed. This delay did not run concurrently with the delays described in Paragraphs 4, 5, and 6 because when these shipments were delayed, other orders were scheduled ahead of ours and we could not get our orders rescheduled any sooner with the manufacturers. 43 days
- (8) December 1, 1961, to January 12, 1962 - delay due to shortage of mechanics for heating and air conditioning subcontractors - pipefitters and welders. (All mechanics in this area were going to nearby government missile base jobs in the Abilene and Roswell areas because of extra overtime.) Subcontractor had an average crew of 5 men in this period, when his crew size should have been a minimum of 14 men. We repeatedly beseeched the subcontractor to get more men and he did make a continuous effort, but he was unable to get them. Delay requested, one-half of this period. 21 days
- (9) April 2, 1962, to May 17, 1962 - during this period the insulation and the pipe covering were the controlling operations on the job. The insulation subcontractor required a minimum crew of 9 men in order to even keep up with the plastering and painting work; however, during this period he could only maintain an average crew of 3 due to the unavailability of insulators. Delay requested, two-thirds of this period. 31 days
- (10) May 21, 1962, to June 7, 1962 - delay due to sheetmetal workers strike, which extended from May 4, 1962, to June 14, 1962. (We were able to complete the job for occupancy when we did only because the sheetmetal foreman worked with his tools in this final stage in spite of the strike order.) Also, in this same period the floor covering could not be finished because Armstrong Cork Company had to remanufacture over half of the rubber tile through no fault of the floor covering subcontractor. This rubber tile was rejected after the second floor was in place because the manufacturer had recommended and

Requests for extension of time (cont'd):

supplied the wrong adhesive, and the subcontractor had applied it under the manufacturer's direction. Delay requested

17 days

TOTAL

263 $\frac{1}{2}$ days

RECAPITULATION

Contract Bid Time	460 days
Requested Extensions	<u>263$\frac{1}{2}$ days</u>

TOTAL	723 $\frac{1}{2}$ days
-------	------------------------

Actual working time June 22, 1960, to June 10, 1962 (date of initial occupancy)	718 days
--	----------

We respectfully submit this summary to be attached to and become a part of our final payment estimate.

Yours very truly,

J. M. ODCM CONSTRUCTION COMPANY

/s/Charles M. Morton

Charles M. Morton

cc: Mr. Nolan Barrick

PROPOSED AGENDA FOR THE JOINT MEETING OF THE CAMPUS AND BUILDING
COMMITTEE AND THE CAMPUS PLANNING COMMITTEE TO BE HELD AT
4 P.M., AUGUST 24, 1962, IN THE OFFICE OF THE PRESIDENT

2113. Dormitory and Dining Facilities for Women (Project CH-Tex-164(D))

A. Final Plans and Specifications

Consider final plans and specifications.

B. Architects' Fee

OK Consider architects' fee of $3\frac{1}{2}$ per cent for the project as it is almost a duplication of Project CH-Tex-150(D).

C. Bond Counsel

OK Consider the Campus Planning Committee's recommendation to engage McCall, Parkhurst, Crow, McCall, & Horton as Bond Counsel at a fee of \$8,123 if combined with 167(D), plus out-of-pocket expenses. If handled individually, the fee would be approximately \$5,900.

2114. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))

A. Capacity

OK Increase capacity to approximately 1,000 residents and the amount of the requested loan to \$4,373,000 (original application, \$3,750,000)

(can save thousands of dollars capacity, but I don't know)

B. Preliminary Plans and Specifications

Consider recommendation for preliminary plans and specifications.

OK + go into working drawings

C. Bond Counsel

OK Consider the Campus Planning Committee's recommendation to engage McCall, Parkhurst, Crow, McCall & Horton as Bond Counsel at a fee of \$8,123 if combined with 164(D), plus out-of-pocket expenses. If handled separately, the fee would be approximately \$6,600.

2114. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))D. FinancingRequest Permission of HHFA to:

- OK 1. Amend loan agreement on Project CH-Tex-150(D) to pledge Student Union to system, refund Student Union Bonds, and increase amount of parity bonds to be issued from \$4,000,000 to \$8,123,000.

(If the Union Bonds are refunded, the fee for bond counsel will be \$1.00 per bond or approximately \$620.00)

- OK 2. Combine loans on Projects CH-Tex-164(D) and CH-Tex-167(D), at a total of \$8,123,000 and make both a part of the system.

- OK 3. Eliminate the historical coverage test for future issues.

E. Architects' Fee

OK Consider recommendation at a fee of 5 per cent.

2115. Housing (Other)A. Repainting West Hall (Brown Showcase & Fixture Mfg. Co.)

OK Consider recommendation of Campus Planning Committee to accept the repainting of West Hall, which has been in controversy for one year now, and make payment to the contractor.

2116. Killgore Beef Cattle Center (\$500,000)A. Center

1. Consider final plans and specifications. *approval subject to refinements to be approved by CPC & subject to approval of Killgore trustees.*

2. Consider authorization to advertise for bids and open bids in Amarillo on or about October 3, 1962.

2116. Killgore Beef Cattle Center (\$500,000)A. Center

- 25th 3. ~~Authorize Building Committee to make contract award in order that the contractor may begin work before the cold weather season (or some other means of awarding the contract between Board Meetings).~~

B. Feed Mill

- OK 1. Consider final plans and specifications prepared by staff of School of Agriculture.

- same as other* 2. Consider authorization to take bids and open them at the same time the bids on the Center are taken.

3. ~~Authorize contract award in same manner as that for Center.~~

2117. Library (J. M. Odom Construction Company, \$2,146,379)OK Liquidated Damages

Consider the recommendation of the Campus Planning Committee and the architects that the request for time extension by the contractor be granted, with the result that there would be no liquidated damages due.

Kindly accept^{ed} of July 2, 1962

2118. Psychology and SpeechOK A. Final Plans and Specifications

Consider final plans and specifications.

B. Contract Award

OK Consider authorization of advertisements for bids, bid opening and a recommendation for a contract award to be made at the Board Meeting on October 26, 1962.

C. Acoustical Consultant

OK Approve the employment of Bolt, Beranek and Newman of Cambridge, Massachusetts, as Acoustical Consultant on the Speech Facilities at a fee not to exceed \$3,000.

2119. UtilitiesA. Utilities for Psychology, Speech and New Women's Dormitory

Consider the recommendation for a contract award to W. B. Abbott, Building Contractor, of Lubbock, the low bidder, in the amount of \$101,357.10, the amount to be prorated as ... follows (subject to HHFA approval):

\$47,010.96 to Local Building Funds

\$54,346.14 to Dormitory Construction Funds (HHFA)

new need to split - approximately 40% - 60% - some - HHFA - proration

B. Sewage Disposal Line to North

Consider recommendation to engage the firm of Parkhill, Smith and Cooper, to do the engineering work on the sewage line from the two New Men's Dormitories and the proposed New Men's Dormitory to Fourth Street and Indiana, including the lift station, at a fee of $7\frac{1}{2}$ per cent, plus supervision not to exceed the sum of \$500.00.

OK

see, get to HHFA, also split later

cut

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 161

August 24, 1962

A joint meeting of the Campus and Building Committee and Campus Planning Committee was held at 4 p.m. on August 24, 1962, in the Office of the President.

Members of the Campus and Building Committee present were Mr. Harold Hinn, Chairman, Mr. Wilmer Smith and Mr. R. Wright Armstrong. Other members of the Board of Directors present were Mr. C. I. Wall, Mr. Manuel DeBusk, Mr. J. Edd McLaughlin and Mr. Floyd W. Wooldridge.

Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Other members of the College staff present were Dr. R. C. Goodwin, Dr. W. M. Pearce, Mr. W. H. Butterfield, Mr. J. Roy Wells, Mr. Fredric J. Wehmeyer, Mr. Ray Downing, Mr. John G. Taylor, Mr. R. B. Price, Mr. Robert L. Mason and Mr. D. M. McElroy.

The Associated Architects and Engineers were represented by Messrs. Schmidt, Stuart, Stiles, Roberts, Messersmith, McMurtry and Craig for the presentation of Items Nos. 2113, 2114 and 2118. In addition, Mr. Pete Love of Yandell, Cowan and Love, Fort Worth, Mechanical Engineer, was present.

Mr. George W. Short and Dean Gerald W. Thomas were present for the presentation of Item No. 2116.

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 August 25, 1962, will follow that of the Campus and Building Committee for each item.

2113. Dormitory and Dining Facilities for Women (Project CH-Tex-164(D))
(\$3,750,000)

A. Final Plans and Specifications

Approved the final plans and specifications with the request that special consideration be given to soundproofing between rooms.

B. Architect's Fee

Approved an architect's fee of $3\frac{1}{2}$ per cent for the Associated Architects and Engineers of Lubbock, as the project is almost a duplication of CH-Tex-150(D).

C. Bond Counsel

Approved McCall, Parkhurst, Crowe, McCall & Horton as Bond Counsel at a fee of \$8,123 if the project is combined with Project CH-Tex-167(D) plus out-of-pocket expenses. (If the project is handled individually, the fee would be approximately \$5,900.)

(The Board of Directors approved.)

2114. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))
(\$4,373,000)

(On the morning of August 24, 1962, the CPC and the Associated Architects & Engineers agreed to omit the second story lounge and center stairs in order to reduce the over-all cost and to include deductive alternates to omit one four-story bay and omit the snack bar and one-half of the recreation space and terrace, if necessary, to come within the budgeted amount. Also, it was agreed that it would be possible to further reduce the cost if the serving hours could be lengthened and the size of the kitchen and dining room reduced as a result. This could not be handled as a deductive alternate, and the question will be studied with Mrs. Bates, the Administration, the CPC and architects.)

2114. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))
(\$4,373,000)

A. Capacity

Approved increasing the capacity to approximately 1,000 residents and the amount of the requested loan to \$4,373,000 with the understanding that if the Campus Planning Committee should become doubtful of the capacity, the Board would be notified.

B. Preliminary Plans and Specifications

Approved the preliminary plans and specifications as presented and authorized the Associated Architects & Engineers to go into working drawings.

C. Bond Counsel

Approved McCall, Parkhurst, Crowe, McCall & Horton as Bond Counsel at a fee of \$8,123 if combined with Project CH-Tex-164(D), plus out-of-pocket expenses. (If handled separately, the fee would be approximately \$6,600.)

D. Financing

Approved requesting permission of the Housing and Home Finance Agency to:

1. Amend loan agreement on Project CH-Tex-150(D) to pledge the Student Union and Bookstore to the system, refund the Student Bonds, and increase the amount of parity bonds to be issued from \$4,000,000 to \$8,123,000.
2. Combine the loans on Projects CH-Tex-164(D) and CH-Tex-167(D) in the total amount of \$8,123,000 and to make both a part of the system.
3. Eliminate the historical coverage tests for future issues.

E. Architect's Fee

Approved a fee of 5 per cent for the Associated Architects & Engineers of Lubbock.

F. Required Forms and Resolutions

Authorized the Chairman of the Board to sign all forms and resolutions requiring his signature.

(The Board of Directors approved.)

2115. Housing (Other)

Repainting West Hall (Brown Showcase & Fixture Manufacturing Co.)

Approved the recommendation of the Campus Planning Committee to accept the repainting of West Hall which has been in controversy for one year and to make final payment to the contractor.

(The Board of Directors approved.)

2116. Killgore Beef Cattle Center (\$500,000)

A. Center

1. Approved the final plans and specifications subject to refinements and minor changes to be approved by the CPC and the Killgore trustees.
2. Authorized advertisement for bids and bids to be opened in Amarillo on or about October 17, 1962.

2116. Killgore Beef Cattle Center (\$500,000)

A. Center

3. Approved the Board Meeting of October 26, 1962, as the time to award a contract.

(The Board of Directors approved.)

B. Feed Mill

1. Approved final plans and specifications prepared by the staff of the School of Agriculture and as presented by Dean Thomas.
2. Approved advertisements for bids, bid opening in Amarillo and contract award to conform with those for the Center. (It was agreed that a check would be made on a possible gift of mill equipment before ads are run.) (In order to come within the amount of money, Dean Thomas stated that alternates would be taken on:

- a) Monorail
- b) Air conditioning of the "bulorium"
- c) Animal pens)

(The Board of Directors approved.)

2117. Library (J. M. Odom Construction Company, \$2,146,379)

A. Time Extension

Approved the extension of 263½ days as set out in Attachment No. 433, Page 1239B.

B. Final Acceptance

Approved the final acceptance date of July 2, 1962, for the project.

(The Board of Directors approved.)

2118. Psychology and Speech

A. Final Plans and Specifications

Approved the final plans and specifications as presented by the Associated Architects & Engineers.

B. Contract Award

Authorized the advertisements for bids, bid opening and the recommendation for a contract award to be made at the Board meeting on October 26, 1962.

C. Acoustical Consultants

Approved the employment of Bolt, Beranek and Newman of Cambridge, Massachusetts, as Acoustical Consultants at a fee not to exceed \$3,000.

(The Board of Directors approved.)

2119. Utilities

A. Utilities for Psychology, Speech and New Women's Dormitory

Approved a contract award to W. B. Abbott, Building Contractor, the low bidder, in the amount of \$101,357.10 subject to HHFA approval with the proration of funds to be established by the Campus Planning Committee.

2119. UtilitiesB. Sewage Disposal Line to North

Approved the firm of Parkhill, Smith and Cooper of Lubbock, to do the engineering work on the sewage line from the two existing New Men's Dormitories and the proposed New Men's Dormitory to Fourth Street and Indiana, including the lift station, at a fee of $7\frac{1}{2}$ per cent plus supervision in an amount not to exceed the sum of \$500.

(The Board of Directors approved.)

M. L. Pennington
Chairman

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 162 September 12, 1962

A meeting of the Campus Planning Committee was held at 9 a.m. on September 12, 1962, 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, Mr. R. L. Mason and Mr. D. M. McElroy were present.

2120. Approval of Minutes

On motion by Mr. Barrick, seconded by Mr. Urbanovsky, the Minutes of Meetings Nos. 156, 157, 158, 159, 160 and 161 were approved and pages 2141 through 2143 were corrected to read: "1241 through 1243."

2121. President's Approval of Minutes

The Chairman reported that President Goodwin approved the Minutes of Meetings Nos. 156 on August 16, 1962, 157 on August 17, 1962, and 158 on August 23, 1962.

2122. Antenna Farm

Adequate acreage for an antenna farm to the southeast of the corner of Fourth and Quaker has been approved by Dr. Durham, Dean Thomas and Dr. Goodwin. The acreage is to provide space for the installation of two large antennas, one pointing to Urbana, Illinois, and the other to Palo Alto, California, in order for the Electrical Engineering Department to do a joint research project with the University of Illinois and Stanford University in ionospheric propagation. The sponsoring agencies are the Air Force and the Office of Naval Research, and some phases of the research will be sponsored by the Signal Corps.

2123. Athletes Kitchen and Dining Room

On August 7, 1962, President Goodwin requested the CPC to study the feasibility of a separate kitchen and dining room for athletes in keeping with the request of the Board of Directors. On August 30, 1962, he conveyed a request from the Chairman of the Board that the CPC initiate studies on a central cafeteria for the boys' four old dormitories and, at the same time, to institute a study leading to the providing of adequate facilities for Texas Tech athletes.

The idea of a central dining room for the four dorms to alleviate the acute problem of staffing the kitchens and to provide a more efficient and economical food service has been in the talking stages for some time. Part of the idea was to turn the existing dining rooms into study halls for the individual dorms if and when the central facilities could be constructed. The study had been delayed pending completion of the financing and getting the construction further under way for the dormitories now under construction and being planned at an estimated cost of \$12,000,000. There seems to be no way to finance anything else until the projects are further along and the over-all picture becomes clearer.

After considerable discussion, it was agreed that it will be necessary to define the problem first and to tie it to the dormitory system. A great deal of additional information on the

2123. Athletes Kitchen and Dining Room

size, cost, source of funds and time schedule of the proposed central facilities and information concerning the needs of the Athletic Department and the possible site will be necessary.

It was agreed to start the study with an attempt to define the problem and gather other needed information.

2124. Architecture-Computer BuildingEquipment for Data Processing Center (\$4,655)

Mr. McElroy reported that 75 per cent of the equipment has been delivered, and the rest is expected almost any day.

2125. Dormitory and Dining Facilities for Women (Project CH-Tex-150(D))
(H. A. Lott, Inc., \$2,764,546 - August 1, 1963)A. Construction Progress

The contractor continues to make excellent progress.

B. Kitchen and Food Serving Equipment (West Texas Coffee and Equipment Company of Abilene, \$86,800.75)

Construction has progressed to the point that the contractor has been notified to take the field dimensions in order to prepare shop drawings.

C. Urinals for Men

After consideration, it was agreed to accept the credit of \$1,871 as most likely men will not be housed in the facility.

2126. Dormitory and Dining Facilities for Women (Project CH-Tex-164(D))
(\$3,750,000)A. Progress Report on Plans and Specifications

The architects are on schedule.

B. Kitchen and Food Service Equipment

As the equipment probably will be identical to that of Project CH-Tex-150(D), it is anticipated that there will be little difficulty in preparing the plans and specifications.

C. Financing

All steps have been taken in keeping with the action of the Board at the last meeting.

D. Information Needed by Architects1. Finish Floor Elevations set by Owner

The study on elevations has been started and will be completed as soon as information on the terrain is available.

2. Construction Fence Layout by Owner

The information has been given to the architects.

2127. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))
(\$4,373,000)A. Progress Report on Development of Plans and Specifications

The architects are on schedule.

2127. Dormitory and Dining Facilities for Men (Project CH-Tex-167(D))
(\$4,373,000)

B. Food Service

1. Lengthening of Class Schedule and Reduction in Size of Kitchen and Dining Room and Equipment

After lengthy discussion, it was agreed by majority decision to recommend the lengthening of class schedules and reduce the size of the kitchen and dining room and equipment commensurate thereto.

2. Progress Report on the Development of Plans for the Kitchen, Dining Room and Serving Lines

Steps will be taken to get together with Mrs. Bates and start development of plans.

C. Dietitians' Apartments

The architects will be asked for the results of the study.

D. Financing

All steps have been taken to implement action of the Board as shown in Item No. 2114D, page 1241 of the CPC Minutes.

E. Items Needed by Architects

1. Siting, Including Tunnels and Parking

The siting is under study, and it is hoped that it may be completed this week.

2. Owner's Decision as to Size of Kitchen and Dining Hall

Covered in Item No. 2127B 2.

2128. East Engineering Building (Appropriation 1961-62, \$6,650; 1962-63, \$8,000)

Progress Report

The offices are complete with the exception of light fixtures and locks. The light fixtures are due for delivery today and the locks are on order and due any day.

2129. Housing (Other) and Food Service

A. Married Student Housing

The latest report is that the long-term financing has been approved, and the short-term financing has been approved. Everything is in order except a second lien mortgage by General Electric, and it is due any day. As soon as it is cleared, construction can start immediately.

B. Renovation of West Hall

The Brown Showcase and Fixture Manufacturing Company has been paid the \$3,500 which has been withheld for one year, and a letter of transmittal accompanied payment.

2129. Housing (Other) and Food ServiceC. Renovation of Sneed Hall

Painting (Adams Paint Company, \$11,875, plus \$900 for plaster patching)

Final Acceptance

The work has been completed, checked out and found to be good. It is recommended that final acceptance date be established as of August 1, 1962. ✓

D. Central Kitchen and Dining Room for West, Drane, Gordon and Bledsoe Halls

Covered in Item No. 2123, page 1244.

E. Office of Room Reservations Entrance

It was agreed to proceed with further development of the tentative plans for improving the appearance of the entrance to the Office of Room Reservations. A recommendation will be made later on the method of construction - by contract or Building Maintenance. ✓

F. Food Service Consultant

After a great deal of discussion as to the desirability of hiring a consultant, it was agreed to delay the decision until more information is available.

2130. Journalism Building (Tatum and Gailey, \$63,951)A. Progress Report

The project is probably 98 per cent complete, and all has been done except the painting.

B. Request for Time Extension

The contractor requested two weeks time extension "due to frequent changes in heating and air conditioning ducts in the basement of the Press Building." The Project Architects and the Supervising Architect recommended five (5) days. After consideration, the CPC voted to recommend the five days extension to the contract.

2131. Killgore Beef Cattle Center (\$500,000)A. Plans and Specifications

Dean Thomas, Mr. Urbanovsky, Mr. Barrick and his staff spent most of Monday checking the plans and specifications and are checking again today. It is anticipated that the architectural portion can be checked out by tomorrow. Mr. Short brought the plans and was present for Monday's study.

Mr. Mason has checked the mechanical portions of the plans and found them generally acceptable.

B. Feed Mill

There is a possibility of a gift of the feed mill equipment, and whether or not it is available will not be known until about September 22 to 25, 1962. It was agreed that it would be well to go ahead and complete the plans and specifications.

2131. Killgore Beef Cattle Center (\$500,000)B. Feed Mill

for the feed mill in order to save time in case the gift should not materialize.

It was also agreed that it would be essential to bid the feed mill with the project, as otherwise it would be impossible to know whether or not the project was within the money.

C. Bids

By majority decision, it was agreed to request approval of the Killgore Trustees and the Building Committee of the Board to have a selective bidders list as recommended by the Project Architect. It is felt that a selected bidders list would be highly advantageous.

2132. Library (J. M. Odom Construction Company, \$2,146,379)A. Garden Room (\$20,000 Appropriated for Furniture and Plant Containers)1. Furniture

All of the furniture is on order, and there is a possibility that it may be delivered in time for the Open House and Dedication.

2. Plants and Plant Containers

The plant containers are in the state of design at the moment and plants have been ordered.

B. Carrels (Industrial Fixtures Company, \$13,420)

The carrels are 99 per cent complete.

C. Terrazzo Flooring in Garden Rooms

Some difficulty is being experienced with the quartz terrazzo floor. The problem has been reported to the architect and attempts will be made to rectify the condition.

D. Landscaping

The grading and underground sprinkler installation are approximately 70 per cent complete and it is anticipated that the work will be completed this year, weather permitting.

E. Walks

Walks for the Library will be included under the item "Walks, Drives and Streets."

2133. Library, Old (Turner Construction Company, \$119,296)

The contractor seems to be organized and is progressing at a satisfactory rate.

2134. MuseumA. Space for the Classification and Cataloguing of Artifacts

After a great deal of discussion, it was agreed that Mr. McElroy and the Chairman would attempt to find adequate space.

2134. MuseumB. Future Museums

Requests have been received to:

1. Trade a new building at a new site for the present Museum building in order to get the site for a classroom and office building in a desirable location, allow for additional museums elsewhere and to solve the Museum parking problem.
2. Provide a site for an agricultural and transportation museum to be constructed by donated funds in the amount of \$500,000.
3. Provide a site for a possible future museum to be constructed from City funds which might be supplied by a bond issue.

The murals could be left in the present building, and the idea has been cleared with the donors if the building could become a center for the History Department. The landscaping could be done with native plants as a botanical garden. The sites proposed were 19th and Flint, first choice, and on Fourth Street as a second choice. The wish was expressed that the site would be in walking distance of the campus in order that the students could walk to and from the museums. (A copy of a letter dated September 9, 1962, from Dr. Holden and "A Proposal for a Five Year Museum Plan" are attached to and made a part of the Minutes. Attachment No. 434, page 1254)

It was agreed to record the requests, study the concepts and make a recommendation at the next meeting.

It was pointed out that the City at the present time is constructing a botanical garden at the K. N. Clapp Park.

The following questions were raised: How much use is being made by the students of the present Museum? What would be the future use of the proposed museums? Does public usage have precedence over College usage? Has the transportation museum been approved? Are all of the proposed museums being approached on the basis of the site? How many acres are needed? How much of the proposal needs to be cleared with the Board?

It was agreed to begin work on a possible site or sites.

2135. MusicMusic Room in Dairy Building

The work has been completed and the key issued.

2136. Other ItemsA. Biology (Dr. Tinkle)

Dr. Tinkle will get the project under way after registration, as he is in the field now.

The meeting recessed at 12:15 p.m. and reconvened at 1 p.m.

2136. Other ItemsB. Extension Building

From the standpoint of the Library site, it would be advantageous to remove the Extension Building when the department moves into the Old Library Building. However, there are other needs which practically preclude the razing of the structure.

After consideration, it was agreed to seek possible uses of the building.

2137. ParkingA. Extension of Reserved Parking Lot

(Belcher Paving Construction Company, \$10,663.36)

1. Final Acceptance Date

It was agreed to recommend a final acceptance date of August 29, 1962.

2. Striping of Parking Lot

It is hoped that the striping will be completed this week. The rains have delayed the progress.

3. Installation of Gates and Rearrangement of Existing Reserved Lot

The installation of the gates and the rearrangement of the existing parking lot are almost complete.

B. Dirt Lot South of Library

The lot is being leveled at the moment and will be completed by the end of the week.

2138. Policy ProceduresA. Television Conduit

No adequate information seems to be available on the installation of closed circuit television conduit in future buildings. However, it was agreed that the best efforts possible will be made for the installation.

B. Bond Situation

The consensus was that the performance bond is of little value as far as quality is concerned. It was agreed that predesign conferences will be held with the architects in order that the position of the College may be known on major projects, and that a preconstruction conference will be held with the contractor for the same purpose with the CPC.

2139. Psychology and SpeechA. Information Needed by Architects1. Finished Floor Elevations

The elevations were set yesterday.

2. Construction Layout

It was set yesterday.

2139. Psychology and SpeechA. Information Needed by Architects3. Stage Equipment and Lighting Requests

Mr. Barrick has a conference scheduled this afternoon with the architects and Speech staff to study the information available.

B. Other Equipment

Mr. McElroy was requested to prepare a list of equipment and a time schedule.

2140. Relocation of Farm FacilitiesLivestock FacilitiesDairy FacilitiesFences, Outbuildings, etc., in Connection with Milking Parlor

Mr. McKinney and Mr. Woods have diligently pursued the clearance but have been delayed by weather, as the Highway Department refused permission to move the buildings during bad weather.

2141. Science Building (Carl E. Maxey, \$431,707 - February 13, 1962)A. Equipment Connection

The equipment is in the process of being connected at this time, and it is hoped that the installation will be completed by next Monday.

B. Furniture and Millwork

(Hamilton Manufacturing Company, \$44,255 - June 7, 1962)

All of the equipment is on hand except the three replacement table tops.

2142. Telephone SystemA. Doak Hall RemodelingMechanical, Electrical and Ceiling Work
(Anthony Company, \$3,995)

Practically all of the work is completed, and the rest soon will be.

B. Report on Telephone Installation

The telephones have all been installed, and the cutover of administrative phones was made on Friday night, September 7, 1962.

The dormitory phones will be cut over Sunday, September 16, 1962, at 1 p.m.

2143. Texas Tech PressAir Conditioning (P and C Mechanical Contractors, \$22,765)

The CPC voted to recommend the final acceptance date of July 18, 1962, but the recommendation to the Building Committee was inadvertently omitted. The recommendation will be made at the next meeting.

2144. Textile Engineering BuildingAir Conditioning (Anthony Company, \$29,880)

There are still a few items remaining to be done in connection with the safety measures.

2145. UtilitiesA. Provisions for Utilities to New Women's Dormitories and Psychology and Speech1. Progress

The project will be staked tomorrow afternoon.

2. Proration of Funds

It was agreed that Mr. Mason, Mr. Taylor, Mr. Price and the Chairman would study the proration and submit a request to HHFA.

B. Sewage Disposal Line to North1. Plans and Specifications (Parkhill, Smith and Cooper)Status

The contract has been officially executed, and the firm has requested a meeting with the CPC in order to begin the project.

2. Direction of the Line

The engineers have been requested to avoid cutting through the research fields with the line, and progress reports are to be made at the CPC meetings.

C. Long-Range Utility Plan

Mr. Mason and Mr. Downing were requested to begin accumulating information on a long-range utility plan to accommodate 20,000 students east of Flint Avenue. It will be necessary to correlate the utility projections with the building program.

2146. Walks, Drives and StreetsA. Walks

On September 11, 1962, the Building Committee of the Board of Directors approved a contract award to Welch Brothers of Lubbock, the low bidder, of a contract estimated at \$5,470 to be determined by unit prices of 34.5 cents per square foot for 4" unreinforced sidewalks, 41 cents per square foot for 5" reinforced sidewalks and 46 cents per square foot for 6" reinforced sidewalks. The bid tabulation is attached to and made a part of the Minutes. (Attachment No. 435, page 1255)

B. Streets1. Seal Coating

The seal coating is approximately 70 per cent complete. The contractor would be through had weather permitted. The quality is good.

2146. Walks, Drives and StreetsB. Streets2. Resurfacing

The resurfacing is approximately 70 per cent complete. The contractor would be through had weather permitted. The quality is good.

2147. West Engineering Building (1961-62, \$7,000)RenovationStatus

Sixty per cent of the downstairs work has been completed, and the Department of Building Maintenance was requested to delay work upstairs until after registration.

M. L. Pennington
Chairman

The meeting adjourned at 2:40 p.m.

Campus Planning Committee
September 12, 1962
Attachment No. 434
Item 2134 B

THE MUSEUM
Texas Technological College
Lubbock, Texas
9/8/62

Dear Marshall:

Attached is a list of items which I believe should be considered in making the new location for the Museum. These of course represent one man's opinion and are purely suggestive.

When the location on 6th Street where the work shops used to be was first mentioned as a possibility, it had great appeal to me. But the more I think about it, the more unwise it appears to be. I have been over there a number of times, stepped it off and considered present foreseeable needs, and am convinced there is not enough room there. In ten years we would be hemmed in, and in the same predicament we are now in at the present location.

When you have mulled over these suggestions a bit, I will be glad to meet with you at your convenience and discuss the matter at length.

Sincerely,

/s/Curry

W. C. Holden
Director

(b)

A PROPOSAL FOR
A FIVE YEAR MUSEUM PLAN

1. It is desirable to think of our Museum of the future as a Museum System, rather than as a number of museums.
2. It is most essential to have all Museum units in one place, each contiguous to the others.
3. Location of site.

Factors to be considered:

- (1) It should be near enough to the academic part of the campus to allow classes which wish to utilize a class period in the Museum to walk to it between class periods.
- (2) It should be on a numbered U. S. Highway. With the completion of the Agriculture and Transportation unit, our Museum System will be of sufficient size and caliber to be included in all travel maps and tourist guides. The simplest way to describe its location would be "On U. S. Highway No. ____, Texas Tech Campus."
- (3) It should be on a dedicated street to allow for city participation, should the City ever vote to do so. We should leave the door open for such an eventuality.
- (4) Parking area should be included in the over-all plan.

4. Order of Construction.

After the site is selected and the location of the proposed units determined, we should:

- (1) Concentrate for the next two or three years on the Agriculture and Transportation unit. This would be financed with private funds, the raising of which would be sponsored by the Texas Ginners Association and the West Texas Museum Association. Title to the building and materials would reside in the College.
- (2) Whenever it may fit into the College building program (probably in five years), the College could construct the new Museum building in exchange for the present Museum building. The title for this new building and the exhibits installed therein would reside in the College.
- (3) Reserve an area adjacent to the two units mentioned above for a City Unit. This is the area which should abut on a dedicated street. (Many people who opposed the recent mill tax proposal are of the opinion that a bond election can be carried for a City Unit within five years, provided economic conditions are favorable at the time.)
- (4) Should the City elect to build a unit, the law permits a joint College-City administration. This could be somewhat like our present Auditorium-Coliseum arrangement.
- (5) A thought for Elo:

We have long considered how popular a Botanical Plot would be connected with the over-all Museum Plan. In such an area we could have specimens of all our native plants, including grasses, shrubs, flowers, cacti and trees. If landscaped and adequately labeled, such a "Botanical Museum" would be of great interest to

out-of-state tourists. There is such a garden connected with "Old Tucson" several miles west of Tucson. It does not cover over an acre. The day we were there - an ordinary day in the middle of the week - there were at least a hundred people in the garden. I took note of the cars in the parking lot, and they were from fifteen different states.

Such a plot would not involve great expense, but would add great interest.

Campus Planning Committee
 September 12, 1962
 Attachment No. 435
 Item 2146 A

BIDS FOR THE CONSTRUCTION OF WALKS AT THE NEW LIBRARY

Contractor	Bid Bond	13,000 sq. ft. Unit # 1	1,000 sq. ft. Unit # 2	1,250 sq. ft. Unit # 3	Total
Calhoun, Elmer	X	35¢ per sq. ft.	45¢ per sq. ft.	60¢ per sq. ft.	\$5,750.00
Hodges, Frank	X	34.8¢ per sq.ft.	43¢ per sq. ft.	49¢ per sq. ft.	5,566.50
Welch Brothers	X	34.5¢ per sq.ft.	41¢ per sq. ft.	46¢ per sq. ft.	5,470.00

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 163 September 27, 1962

A meeting of the Campus Planning Committee was held at 10 a.m. on September 27, 1962, in Room 120 of the Administration Building. Members present were Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. O. R. Downing and Mr. D. M. McElroy were present from the College staff. The Associated Architects and Engineers were represented by Mr. Howard Schmidt, Mr. Bob Messersmith and Mr. Hoyse McMurtry.

The Associated Architects and Engineers requested a meeting with the Campus Planning Committee to go over the final details of the preparation of the plans and specifications for the facilities.

2148. Psychology and Speech Facilities

Agreement was reached on the items that follow:

A. Psychology

The drives, walks, fence layout for the contractor, grades, tunnel extensions, sewer lines, water and gas lines and similar information.

The alternates, walls, duct work, location of custodial space and other items pertaining to the basement.

(Mr. Robert L. Mason entered the meeting at this point.)

The layout of the finished plans of the rooms, materials, one-way glass in the observation rooms, blinds, communications between observation rooms and soundproofing for the first floor.

The same items for the second floor, the undergraduate labs, shelving, soundproofing, layouts by rooms, lighting and observation.

The same items for the third floor plus the offices and laboratories.

The same items on the fourth floor plus the animal space, feeding facilities and the care of animals.

The elevations and sections of the buildings, vertical wall sections and other structural details.

(At this point, Mr. Mason had to leave to teach his class.)

The details of the entrances, stairs and structural materials.

Various alternates in order to come within the money.

The extensive cabinetwork which has been added to the project by the Psychology staff lately was discussed in detail, and apprehension was expressed that it might be impossible to come within the budgeted amount as a result. It was agreed that the architects will attempt to prepare an alternate for the cabinetwork in case the bids exceed the budget. It was agreed that it would be well to have the cabinetwork if there are sufficient funds and, generally, no economies are effected when the cabinetwork is eliminated as it is usually necessary to add it later and at more expense.

2148. Psychology and Speech Facilities

A. Psychology

The lighting and window details were studied and discussed.

With the exception of the few items mentioned, which are to be cleared with the Department Head, the plans and specifications are ready to go.

B. Speech Facilities

The few minor changes in the floor plans which are in keeping with the approval of the Board.

The ideas developed by Bolt, Beranek and Newman, the acoustical consultants, which have been incorporated in the plans.

The capacity of the auditorium with 421 permanent plus 27 movable seats. The foyer, walls, acoustics, use of quarry tile, ticket offices, toilet rooms, fountains, ramps in the walking area, sight line, carpet which is to be in the base bid with an alternate, other materials and stage area in the auditorium.

Double wall and other features in the shop area.

The dimmers, spotlights, offices, make-up rooms, dressing rooms, lighting and toilets in connection with the Green Room.

The same items in connection with the clinical rooms for speech therapy and sound therapy, plus the waiting rooms and means of observation.

The same items for the basement, which will be little more than a raw basement with mechanical rooms and some shops.

The catwalks, gridiron, pinrail and sound control and the space over the auditorium.

The finish schedule for the facilities, minor improvements and refinements to the exterior in keeping with Board approval and the section plans and stairs.

The stage rigging which is estimated at \$10,000 will require a bit further study for the exact draperies, etc., but there will be ample time as the rigging is not to be placed through the general contractor. Plans and specifications will be prepared and separate bids taken later. Rather firm estimates will be available at the time the general contract is let in order that the amount needed can be held out.

Bids for the auditorium chairs will be taken separately.

The architects were requested to prepare a proposal in keeping with the discussion on the most appropriate method of bidding and to present their proposal to the CPC for approval.

An alternate will be taken on the fore-stage.

The plans and specifications on the Speech facilities are to be pulled together. The few minor items remaining to be checked can be handled by addenda at a later date, if necessary.

M. L. Pennington
Chairman