

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 198

October 7, 1963

A meeting of the Campus Planning Committee was held at 9 a.m. on October 7, 1963, in Room 120 of the Administration Building. Members present were Mr. E. J. Urbanovsky, Mr. Bill Felty acting for Mr. Barrick and Chairman M. L. Pennington. Others present were Mr. O. R. Downing, Mr. John G. Taylor and Mr. Robert L. Mason.

2514. Approval of Minutes

On motion by Mr. Urbanovsky, seconded by Mr. Felty, the Minutes of Meeting No. 197 were approved.

2515. President's Approval of Minutes

President Goodwin approved the Minutes of Meeting No. 197 on September 17, 1963.

2516. Antenna Farm

A. Status of Illinois Contract

Dr. Spuhler reported on October 1, 1963, that the frequency application has not been clarified as yet, and operation will not begin until the Federal Communications Commission can modify the license in some way.

The Bursar's Office of the University of Illinois has informed Dr. Spuhler by phone that the contract will be extended for one year, but Dr. Spuhler stressed in his report that this is not official; only a telephone communication.

B. Stanford Project

The project involved with the direct path signals has been operating satisfactorily and will terminate in approximately two months.

Mr. Flanagan from Stanford University will be here this week to help in the beginning of the around-the-world phase of the direct path signals of the project. Two more log-periodic antennas will be installed for this phase of the project. The antennas are already here, and it is hoped that they will be installed by the end of this week.

The CPC agreed to request Dr. Spuhler to bring it up to date and to let the members know his long-range plans.

C. Water Supply

Mr. Downing reported that the tank is set and is being filled with water, so this facility is complete.

2517. Architecture-Computer Building

Warner Construction Company has asked the College either to submit to arbitration or pay the amounts withheld for the construction of the Architecture-Computer Building.

2517. Architecture-Computer Building (Continued)

The College is withholding \$1,000 which covers six days of liquidated damages at \$100 and \$291 for a utility bill.

The CPC agreed that it would be well to write Warner Construction Company that the problem is being considered and to turn the file over to Mr. R. Briggs Irvin for study and recommendation.

2518. Athletes Kitchen, Dining Room and Study Facilities

It was agreed that it would be well to start making plans for the renovation and remodeling of Sneed's kitchen and dining room for the Athletic Department. It is possible that there will not be sufficient remodeling to justify the employment of architects. The space will not be available for renovation until the new kitchen and dining room are in operation, as Sneed Hall must be used to feed residents of Bledsoe and Gordon Halls during the time the kitchen in Bledsoe-Gordon is down. The residents in Bledsoe and Gordon will be "farmed out" next fall until about November 15, 1964.

2519. Bookstore AdditionPlans and Specifications

Some questions have come up in connection with the plans and specifications, and it was agreed that a meeting would be held with the project architect and the Bookstore manager in the near future.

2520. Classroom-Office Building (New)

The first draft of the information on the classroom needs was presented on October 1, 1963, and some time will be required to evaluate the information available.

2521. Dormitory and Dining Facilities (Project CH-Tex-150(D))A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)1. Construction Progress

The CPC considered the recommended date of acceptance as essentially complete and final completion. After consideration, it was again agreed that the August 1, 1963, date would be recommended for determination of liquidated damages and on recommendation of the project architects, it was agreed to recommend the date of September 16, 1963, as the final date of acceptance, which would fix the date for the year's guarantee period.

2. Walks (Frank Hodges, \$18,913)

It was agreed to recommend a final acceptance date of September 23, 1963.

3. Streets, Drives and Parking Lots

(Kerr Construction Company, \$30,811.80 and \$2,660)

It was agreed to recommend a final acceptance date of September 23, 1963.

4. Outside Lights

The latest report from the supplier on the lights is that they were shipped ten days ago. The CPC agreed to express unhappiness to the architects and the contractor with the request that they take drastic steps if necessary in order to secure the delivery of the lights.

2521. Dormitory and Dining Facilities (Project CH-Tex-150(D))A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963) (Continued)5. Kitchen Equipment

There is still a piece or so of equipment missing, and there are some adjustments to the equipment. It was felt that the final acceptance date to establish the year's guarantee period should not be made until all the equipment is in and functioning properly.

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

The contractor continues to make satisfactory progress.

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

The work continues to progress on schedule. Some refinements are being made in the shop drawings.

3. Concrete Tunnels and Extensions of Underground Facilities (Anthony Company, \$155,000)

Mr. Mason reported that the work is about 95 per cent complete.

4. Sprinkler System (Grounds Maintenance Department)

The sprinkler system is complete.

5. Interior Decorator

After discussion, it was agreed that a check will be made on what has been done and what can be done in view of improvements in the future before any recommendation is made.

2522. Entrance Marker

The project architects are scheduled to be out of town all next week, and it was agreed that a meeting will be arranged with the committee from the Saddle Tramps during the week beginning October 14, 1963, the meeting probably to be held on Wednesday or Thursday. (The date was later set at 3 p.m. on October 18, 1963, in the Physical Plant Building.)

2523. Housing (Other) and Food ServiceConsolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls, and Central Food Facilities

1. On September 13, 1963, the HHFA notified the College that the project is to be known as CH-Tex-180(S), Texas Tech College, Central Food Facilities. This is the identification to be used on all correspondence with the Agency.
2. A meeting was held in Mr. Furr's office with Mr. Dana present on September 14, 1963. A copy of the report on the meeting is attached to and made a part of the Minutes. (Attachment No. 491, page 1464)
3. Mr. Howard Schmidt and Mr. Bob Messersmith met with Mr. Charles Mathews in Fort Worth on September 18, 1963. A report prepared by Mr. Schmidt on the meeting is attached to and made a part of the Minutes. (Attachment No. 492, page 1465)

2523. Housing (Other) and Food ServiceConsolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls, and Central Food Facilities (Continued)

4. The developments and refinements to date, along with the elevations, were presented to Mr. Wilmer Smith on September 27, 1963, in Room 120 of the Administration Building, for both units. Mr. Smith reported that it is all acceptable to him.
5. A report on the meeting with the architects and the CPC on October 2, 1963, on the projects is attached to and made a part of the Minutes. (Attachment No. 493, page 1466)
6. A report on the meeting with the architects, the Board and the CPC on October 2, 1963, is attached to and made a part of the Minutes. (Attachment No. 494, page 1467)
7. Outside Stairs for West and Sneed Halls

It was agreed that it probably would be advisable to have outside covered stairs at both north ends of Sneed and West Halls. However, as it probably will be rather expensive, it was agreed to get an estimate of cost prior to making a recommendation.

8. Time Schedule

After thorough discussion, it was agreed to accept the architects' recommendation that November 15, 1964, would be deadline for occupancy, which would mean that all construction had been completed, all equipment installed and adequate time for cleaning had been provided. Also, it was agreed that the Bledsoe and Gordon students must be "farmed out" to other dormitories for meals during the first two months of the fall, and that all involved would be notified.

9. Engineers

The Campus Planning Committee had reserved the right to approve the engineers to be used by the Associated Architects on the project. The architects have recommended Yandell, Cowan and Love of Fort Worth, with a refrigeration consultant, and the CPC agreed to accept the recommendation.

10. Statement of Essential Facts

The HHFA has approved the Statement of Essential Facts prepared by the College, and Bond Counsel has prepared the Notice of Sale and bid form.

The bid date for the sale of the bonds has been set by the Bond Counsel on October 28, 1963, at 10 a.m. in Room 120 of the Administration Building at Texas Technological College. That is the latest date at which the bonds can be opened in order for Mr. Paul Horton, Bond Counsel, to do the required work in time for the meeting of the Board of Directors.

The date to publish the information on the sale is October 14, 1963.

Mr. Paul Horton will be present at the meeting of the Board on November 1, 1963, in order to handle any legal problems in connection with the bond issue, which will include a total amount of \$17,903,000 of which \$10,666,000 will be new bonds and \$7,237,000 will be a reissue.

2524. Incinerator - Campus-wide

The CPC agreed to continue the present system of hauling the trash to the dump grounds.

2525. InfirmeryNeed, Number of Rooms and Estimated Cost

Mr. Felty reported that a check had been made with Dr. Kallina, the head of the Student Health Service, and he said that his primary need is for additional beds, and it would be possible to get as many as 12 beds by extending the second floor to the east in keeping with the original plans. It is estimated that the construction would cost approximately \$61,000 and with furnishings and equipment at \$10,000, the total cost would be about \$71,000.

It was agreed to invite Dr. Kallina to meet with the CPC to explain the types of rooms and beds before a recommendation is made.

2526. Killgore Beef Cattle CenterA. Center (Walter E. Wirtz, \$378,839)

The report is that the work is still progressing satisfactorily, but Mr. McCutchan will make a trip to the site this week to check.

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

On September 25, 1963, Dr. Ulich called and said that Brown-McKee is working out the detail plans on the fabrication and that the grade for the floor needs to be set.

Mr. Urbanovsky and Mr. McCutchan will get together before Mr. McCutchan goes to the site this week in order to work out the grade.

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

Nothing new to report.

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

Nothing new to report.

4. Roads, Parking and Landscaping

Mr. Urbanovsky reported that his time schedule has been interrupted due to the fact that the students who were working on the project have quit, and it will be necessary to secure replacements.

C. Equipment

A copy of Dean Thomas' letter of October 2, 1963, in which he estimates needed equipment at \$6,322 is attached to and made a part of the Minutes. (Attachment No. 495, page 1468)

It was agreed to request Dean Thomas to provide Mr. Taylor with a list of the furniture that will be needed for the operation of the project, and to check on auditorium seating and anything else needed in the project to make it operative.

2527. Library (New)Location of Plaques

There are three additional plaques that need to be installed in the Library. Mr. Urbanovsky, Mr. Barrick and Mr. Butterfield were requested to study the present and long-range effects and have the installation made.

2528. Nursery School

Whether or not the Nursery School will need to be moved will be determined at the meeting with Mr. Cole and the architects. (The minutes indicated that it must be moved, and Mr. Urbanovsky is to check with Dean Tinsley on the location.)

2529. Other ItemsA. Checking Station for State Comptroller

The installation is complete and in accordance with the agreement with the College.

B. Renovation of Science Building

President Goodwin had referred the recommendation for the renovation of the north end of the Science Building attic for Science and Geosciences to the CPC.

After consideration, the CPC voted to recommend the proposal, provided the departments involved have adequate funds.

2530. Playa Lakes

The CPC recommended that Dean Thomas be contacted for further justification of his request, as it has been under consideration at one time and was withdrawn.

2531. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)A. Psychology (\$452,000)1. Construction Progress

The contractor continues to make good progress.

2. Anechoic Chamber Grant

A grant in the amount of one-half of the original request has been approved by the National Science Foundation, but in view of the fact that the budget was stretched almost to the breaking point, it was felt that the additional one-half to be paid by the College would have to come from gift funds rather than building funds.

B. Speech (\$459,000)1. Construction Progress

The contractor continues to make good progress.

2. Auditorium Seats and Stage Rigging

The plans and specifications are almost complete, and bids will be taken in time for presentation to the Board at the meeting on November 1, 1963.

2531. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)B. Speech (\$459,000) (Continued)3. Other Equipment

It was agreed to recommend the work platform, sky jack and electric lift in the amount of \$1,894, and other equipment as indicated in the attached list, for a total amount of \$2,535. (Attachment No. 496, page 1469)

4. Additional Lighting and Sound Equipment for Theater

Due to the fact that the necessity is still under consideration, it was agreed to skip the item at this time.

C. Utility Lines (Anthony Company, \$6,500)

Mr. Mason reported that the lines are about 99 per cent complete.

2532. Signs on Campus

Mr. Urbanovsky reported that there will be 50 buildings to be considered for signs with names. The specifications include signs on all the classroom buildings and the dormitories, with one sign for each. The name "building" will not be repeated. Example: The specifications would specify a sign for "Administration" and not "Administration Building." The specs also provide that the signs would be installed only on the brick. Bids are being taken. The three known firms will be requested to bid.

2533. Tennis Courts - Resurfacing (Bill Hood, \$5,340)

It was agreed to recommend September 30, 1963, as the final acceptance date.

M. L. Pennington
Chairman

The meeting adjourned at 11:50 a.m.

Campus Planning Committee
October 7, 1963
Attachment No. 491
Item 2523-2

CENTRAL FOOD SERVICE FACILITY
and
CONSOLIDATED FOOD SERVICE UNIT
MEETING
September 14, 1963

On September 14, 1963, a meeting was held in Mr. Furr's office with the following present: Mr. Roy Furr, Mr. Andrews, who is in charge of the Furr Cafeterias, Mr. Arthur W. Dana, Mr. Horace McMurtry, Mr. Howard Schmidt, Mr. Bob Messersmith, Mr. Pete Love, Mr. Bob Jackson, Miss Jerry Kirkwood and M. L. Pennington.

The general layout of the entire dormitory system, the location of the Central Food Facility, methods of storage, use of pallets, delivery during holidays for large amounts, cleaning and preparation of vegetables and other foods, use of machinery, etc., were discussed.

The architects reported that they had met with the officials of the Santa Fe Railroad on the possibility of a railroad spur at a later date. The Santa Fe people were very helpful and estimated the cost at \$22,299.47.

The effect of humidity on storage was discussed, and it was agreed that there would be no problem as there will be paper goods, canned goods, flour, spices, etc.

The janitor's closet, drinking fountains, scales, offices, pallet storage use and commodities to be stored were discussed. The use and kind of a forklift were discussed. Produce which will be in storage for four to five days was explained - potatoes will be stored for tempering, peeling, eyeing and sorting for use by sizes.

It was explained that the experimental kitchen and conference room will have heavy duty equipment, with as much existing equipment as possible to be used. It is possible that different floor finishes for study and experiment and wall finishes also could be installed as a means to do research on how to clean, polish and maintain the various finishes. Mr. Dana said it would be well if a specialist in how to teach could be employed. He said that sometimes those with knowledge do not know how to teach. The War Manpower Commission had the problem during the war.

The traffic flow in the facility was discussed.

The exteriors were presented, as Mr. Furr had not seen them.

Mr. Furr felt that the exteriors were satisfactory and that the plans and specifications are proceeding in a logical manner.

M. L. Pennington
Vice President for
Business Affairs

Campus Planning Committee
October 7, 1963
Attachment No. 492
Item 2523-3

MEETING ON CENTRAL FOOD FACILITY
and
CONSOLIDATED FOOD SERVICE UNIT

September 18, 1963

Mr. Charles Mathews met Mr. Schmidt and Mr. Messersmith at the Red Ball Motor Freight Office on Wednesday, September 18, 1963, at 9:30 a.m. (Mr. Harold Hinn was out of the city and was unable to meet with them.)

We inspected the Motor Freight operation with Mr. Mathews and his Director of Operations, reviewing such items as dock heights, door heights and widths for freight trucks as well as city delivery trucks; inspected the overhang construction and other features of the shipping operation, including clearance required for maneuvering all trucks.

This observation, to us, was a very elaborate and efficient operation, founded in 1928. Their total truck dimension is 1,000 feet. Mr. Mathews was most cooperative in explaining his operation.

Mr. Mathews put us in contact with the Operational Foreman of the Greater Southwest Warehouse near Arlington. We spent approximately one hour in this warehouse, which is more nearly a storage facility, with very similar features to those we will have in the Tech Central Food Facility. This warehouse inventories approximately \$1 million worth of miscellaneous goods which come in by rail and leave overland. The warehouse is 1,179 feet long and contains some cold storage vault space. All goods are handled by forklift trucks. We were given an opportunity to see much activity.

Campus Planning Committee
October 7, 1963
Attachment No. 493
Item 2523-5

Meeting on Central Food Facilities
and Consolidated Food Service Unit

October 2, 1963

A meeting of the Campus Planning Committee and the Associated Architects and Engineers was held at 9 a.m. on October 2, 1963, in Room 120 of the Administration Building. CPC members present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. Other members of the college staff present were Mr. Guy J. Moore, Mrs. Shirley S. Bates, Mr. Robert L. Mason, Mr. John G. Taylor and Mr. O. R. Downing. The Associated Architects and Engineers were represented by Mr. Hoyse McMurtry, Mr. John Stuart, Mr. Howard Schmidt and Mr. Bob Messersmith. The engineers on the project were represented by Mr. Pete Love and Mr. Bob Jackson of Dallas.

A. Consolidated Food Service Unit

A number of problems were discussed, the most important of which were the following:

1. Street Drainage

Rain water now comes down the street between the halls. There would be a problem in draining the water to the west, and it would be necessary to raise some sections of the walk to drain it to the east. There would be no problem if there are no closed walkways. Additional study was indicated.

2. Service Drives

The architects asked if there is any need for parking in the service yard, and it was agreed that any necessary parking could be in the parking lot and not in the service yard. The width of the driveway is to be decided later.

3. Roof Plan

The location of the air conditioning unit on the roof was discussed in detail, with the consensus being that the proposed location was the best possible one.

4. Basement

The basement would require a new stairwell. The mechanical room, general storage room, maintenance shops, rest rooms and transformer vaults would be pretty much unaffected by the proposed change. Larger transformers would be needed. The finishes would be left much as they are now. One new partition would be about the only new construction in the basement. It would be necessary to move the location of the elevator from the south to the north side.

5. Enclosed Connecting Walkways

The finishes of the stair towers were discussed, and it was agreed that the spaces should be finished fairly well, as the installation will be permanent.

5. Enclosed Connecting Walkways (Continued)

A question was raised on the proposed walks as to whether or not the finish should be minimum or better, as the installation would be permanent if it goes in. It was agreed to recommend the better finish, as already provided for in the original estimate of cost. It was agreed to leave heating out of the walks, at least for the time being, as it can be added at a later date.

6. First Floor of the Dining Room

A good bit of discussion was held on means of blocking off the dining room from the serving area of the kitchen during times when the dining room would be used for purposes other than eating. A folding door was discussed, with various suggestions being made. It was agreed to request the architects to restudy the security measures for the area.

7. Building Finishes

- a. Foyer and Dining Room - terrazzo floor and base
- b. Passage - seven-foot brick wainscot and seven-foot brick wall
- c. Walls - sand-finish plaster
- d. Ceiling - acoustical tile
- e. Serving Area - same as other serving areas
- f. Dishwashing - same as other areas
- g. Offices - same as others
- h. Kitchen Floor - The floor is now cement topping. It was agreed that the solution would be to remove the topping and tile and replace them with quarry tile. There is a problem of a one-inch difference in the height of the floors.

8. Phasing of Construction

Some of the existing equipment is to be used. Who is to remove and replace it? It was agreed that the equipment which is to be removed, stored and replaced would be handled by the contractor. The equipment that is not to be used will be removed by the College.

The dining room tables and chairs will not be reused, as they are beyond the point of additional satisfactory use. The College will remove the items.

a. Cross Sections

The roof lines in connection with the existing buildings and the location of the air conditioning units, the noise, view, etc., were discussed.

The location of the equipment was agreed on, and the architects were requested to "clean up" the parapet for view from the adjacent rooms.

The elevations were again reviewed.

b. Time Schedule

The architects reported that they still believe the time schedule presented is realistic, and interpreted the November 15 date as that for use by the College.

8. Phasing of Construction

b. Time Schedule (Continued)

After discussion, it was agreed that the only feasible solution would be to "farm out" the residents of Bledsoe and Gordon in the fall until the kitchen would be ready to use, and that all students and others involved would be notified well in advance of the time. It was agreed that work on the kitchen will start as soon as the last meal is served in the spring of 1964.

9. Bidding

It was agreed that all of the work should be in one contract, due to the very tight schedule that the contractor will have. Bids would be taken on the various phases, as has been done in the past, adding kitchen equipment and utilities. It is very important that one contractor have control of the entire project.

The meeting recessed at 11 a.m. for a meeting in the President's office, which will be reported separately.

The meeting reconvened at 2 p.m. in Room 120.

B. Central Food Facilities

1. Site

There would be 150 feet of clearance for the backing and turning of the large trucks.

The architects stated that it would be possible to increase the size of the warehouse by 100 per cent on the site.

It was agreed that the south line of the project would be 10 feet north of the existing sewer line running to the northwest and on to the new City sewage disposal plant. It was also agreed that the project would be 320 feet west of the west wall of the existing Physical Plant Warehouse.

Ingress and egress of the construction company's trucks were discussed, and a proposed route agreed on.

2. Drainage

It was agreed that there will be no major problem in connection with the drainage.

3. Electricity Supply

It was agreed that the electricity will come overhead from the cutoff in the same manner as that for the Physical Plant, with the agreement that the College will check to see if the City would bring the facilities underground to the project.

4. Floor Finishes

The architects were requested to be sure that the specified finishes will stick to the floor, as it is to be on grade.

Proposed finishes in the offices, lunchroom, conference room, etc., were discussed and approved.

It was agreed to paint only the potato preparation room, assembly room and the warehouse area.

B. Central Food Facilities

4. Floor Finishes (Continued)

It was the consensus that it would be well to have new long-span pans for some of the roof areas, but the architects were requested to make a cost estimate and report before a decision is made.

The finishes of the refrigerators were discussed and approved.

It was agreed that the bake shop and preliminary processing rooms would have quarry tile on the floor.

It was agreed that the architects would study the areas needing acoustical tile, and only the essential areas would have it. The architects are to let the Campus Planning Committee know the results of the study before a decision is made.

5. Lighting

It was agreed that there will be skylights in the work areas in order to provide natural light.

6. Boiler Room, Boilers and Equipment

The boiler room, boilers and equipment were discussed, and it was agreed that there would be two boilers.

M. L. Pennington
Chairman

The meeting adjourned at 3:30 p.m.

Campus Planning Committee
October 7, 1963
Attachment No. 494
Item 2523-6

Meeting on Central Food Facilities
and Consolidated Food Service Unit

October 2, 1963

A meeting was held in the office of the President at 11 a.m. with the following members of the Board of Directors present: Mr. Wilmer Smith, Mr. Harold Hinn, Mr. Al Allison and Mr. J. Edd McLaughlin. The Associated Architects were represented by Mr. Howard Schmidt, Mr. Hoyse McMurtry, Mr. Bob Messersmith and Mr. John Stuart. Members of the college staff present were Dr. R. C. Goodwin, Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick, Mr. Guy J. Moore, Mr. Robert L. Mason, Mr. O. R. Downing, Mr. John G. Taylor and M. L. Pennington.

A. Central Food Facilities

1. Location

The coordination with physical plant operation, incoming and outgoing shipments and location of a possible future rail line were discussed.

2. Floor Plan

The floor plan was discussed in detail, and questions were raised as to the location of the scale, storage of the forklift and need for a partition at the unloading dock. It was agreed that additional study would be devoted to the questions.

The visibility of the forklift operator, opening up of the area, the stand-up desk, various functions and the different areas were discussed.

3. Elevations

The elevations were explained and discussed. A question was raised as to the population which the facilities could handle, and it was explained that, according to Mr. Dana, it is being designed for 10,000 students in the residence halls.

After checking on and discussing flexibility for the future, the members of the Board of Directors indicated that the facility is acceptable, with the questions raised.

B. Consolidated Food Service Unit

After a recess to have lunch in the new women's hall at 12 noon, the meeting reconvened at 1 p.m. Mr. Smith had to leave.

The project, location, layout and functions were discussed in detail.

The number of serving lines, speed of flow, seating capacity, time in the line, etc., were discussed thoroughly. Additional information was requested.

The Board members asked the others to see if it is possible to improve the time in all of the lines in the residence halls, and that they do their best to improve the speed in the lines in the existing halls.

The Board members suggested that the others think in terms of a seating capacity of 600 for the dining room and see what could be done.

Keeping in mind the questions asked, the members of the Board said that the proposed facilities are satisfactory.

M. L. Pennington
Chairman

Campus Planning Committee
October 7, 1963
Attachment No. 495
Item 2526-C

TEXAS TECHNOLOGICAL COLLEGE
School of Agriculture
P. O. Box 4169
Lubbock 9, Texas

Office of the Dean

October 2, 1963

Mr. John G. Taylor
Business Manager
Campus

Dear Mr. Taylor:

Please find attached a list of laboratory equipment needed for the Killgore Beef Cattle Center. This list has been reduced to \$6,322.00.

Due to the lack of funds from the Killgore grant, it does not appear advisable to purchase any of this equipment until absolutely needed. At that time, we will be forced to use sales funds.

We are still short of money also for the furniture needed in the new center.

Sincerely yours,

/s/Gerald W. Thomas

Gerald W. Thomas
Dean of Agriculture

GWT:jab

Attachment

cc: Dr. George F. Ellis, Jr.
Mr. M. L. Pennington

LOOSE EQUIPMENT FOR THE KILLGORE CENTER LABORATORY
TO BE PROCURED BY TEXAS TECH COLLEGE

Item Number:

2. Six desiccating cabinets
Curtin No. 6478 - \$79.50 each
3. One Standard Wiley Mill, No. 3,
Curtin No. 6231-A - \$886.00
9. One Intermediate Model Wiley Laboratory Mill
Curtin No. 6242 - \$259.70
6. One Vacuum Oven with Thermostat
Curtin No. 16932-A - \$375.00
7. One Double Wall Oven with Thermostat
Curtin No. 16885-B - \$225.00
10. One Hot Plate, Oscillating
Fisher No. 11-492V2 - \$340.00
11. One Muffle Furnace with Rheostat, 3400 Watts,
230 Volts
Curtin No. 8725A7 - \$315.00
13. One Mettler Balance, H-16
Fisher No. 1-908-20X2 - \$895.00
(NOTE: Before ordering, check with Mr. Short to
make sure this item is not duplicated on his order.)
18. One Nitrogen Analyzer, Automatic, Coleman Model 29,
Fisher No. 13-109V1 - \$2495.00
With Following Accessories:

One Plastic Cover
Fisher No. 13-109-20 - \$4.00

One Rack
Fisher No. 13-109-50 - \$23.50

One Gas Pressure Regulator
Fisher No. 13-109-60 - \$24.30
12. One Freezer-Refrigerator Combination,
G. E. Model TB 304-W (Lhd), estimated \$400.00

Campus Planning Committee
 October 7, 1963
 Attachment No. 496
 Item 2531-B-3

Additional Equipment for New Speech Building

	<u>Quantity</u>	<u>Cost</u>
Work platform (30 ft. in height), sky jack and electric lift; McMaster Carr No. 814523	1	\$ 1,894.00
Projection screen (about 10' x 10', for hanging from batten on stage, roll type)	1	159.00
Straight chairs (for use at make-up counters)	16 (\$12.50 ea.)	200.00
Swivel chairs (secretarial type, for use at light and sound console)	3 (\$35 ea.)	105.00
Fireproof rubbish can (for scene shop)	1	30.00
Three-plate electric cookstove, variable heat, of extra heavy construction (for scene shop; table model satisfactory)	1	75.00
Large horses, 6' long, height adjustable between 1½' and 3' (for scene shop)	2 (\$18.50 ea.)	37.00
Small horses, height adjustable between 1½' and 3' (for scene shop)	2	<u>35.00</u>
Total		\$ <u>2,535.00</u>

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 199 October 18, 1963

A meeting of the Campus Planning Committee and the Saddle Tramps was held at 3 p.m. on October 18, 1963, in the Physical Plant Auditorium. Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. John G. Taylor, Mr. Robert L. Mason, Mr. Ray Downing and Mr. Mark Gosdin were present.

The Saddle Tramps were represented by Mr. Paul Dinsmore, President, Mr. Wendell Newman, Vice President, Mr. Ronnie Botkin, Mr. James Cole, Mr. Jerry Blackwell, Mr. John Bunton, Mr. Dwayne Cochran, Mr. John Rinn, Mr. Jim Scott, Mr. George Brown, Mr. Bob Whitson and Mr. W. J. Hill. In addition, Mr. W. C. Cole and Mr. Joe Winegar, sponsors of the Saddle Tramps, were present.

The architectural firm of Schmidt and Stuart, which had been engaged by the Saddle Tramps, was represented by Mr. Howard Schmidt and Mr. John Stuart.

2534. Entrance Marker

The meeting had been called in order for those interested in the entrance marker to study the developments to date and convey to the architects their thoughts on the study so far, and consider steps to secure an acceptable entrance marker.

The Saddle Tramps assumed as their project some time back the promotion of a suitable entrance to the college campus.

The architects presented the developments to date and the philosophy of their studies, with the understanding that the designs were presented for information. They welcomed the thoughts and ideas of anyone present and requested that anyone interrupt at any time.

Two basic schemes were presented, one that would provide a low masonry wall with plaques, the name of the College, information on the College and a good many other uses, with the idea that variations could be used at other entrances on the campus or the design could be repeated as often as needed.

The other basic scheme was to have a raised center with a pool and arches. The architects said that they would try to design a project for \$7,500 to \$12,000.

Mr. Paul Dinsmore, President of the Saddle Tramps, said they have acquired a little money to pay for the design, that they thought it should be imaginative with a flair, that it should be permanent and be left to the College. The design must be good enough to sell, as the Saddle Tramps would need to raise the money to promote it. He said they felt that they couldn't promote the sale of another routine entrance.

The idea of a pool was discussed in a good bit of detail, with the idea that it would be attractive, but the practicalities were questioned at length.

Mr. Wendell Newman, Vice President of the Saddle Tramps, pointed out that esthetic qualities should be designed for the enjoyment of the masses, which would offset the efforts of those who would tend to mess up the project.

2534. Entrance Marker (Continued)

Ronnie Botkin mentioned that he would like for the entrance to set a proper mood for the campus on entering, and thought that water would provide it.

If there was a pool, the architects said that it probably would be lighted. The height of the arches, if used, would be about 45 feet and would tie to other arches on the campus.

It was pointed out that the college seal could be worked into or on the arches.

It was agreed by all that the results should be dignified and uncluttered.

The question was raised as to whether or not something should be included in the design to represent the Southwest and Texas, and it was the consensus that it should be. It was agreed that additional research will be done to find a proper motif representing the Southwest, and that another meeting would be held during the week beginning November 3, 1963.

A letter presented from Mr. Dinsmore and Mr. Newman is attached to and made a part of the Minutes, as it sets forth some very good points on the procurement of funds. (Attachment No. 497, page 1472) Copies of the letter will be sent to members of the Campus Planning Committee for study and to the Solicitations Committee.

M. L. Pennington
Chairman

The meeting adjourned at 4:20 p.m.

Campus Planning Committee
October 18, 1963
Attachment No. 497
Item 2534

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

October 18, 1963

Campus Planning Committee
Texas Tech College
Lubbock, Texas

Gentlemen:

It is the desire of the Saddle Tramps to sponsor a project for the placement of an entrance marker on the campus at the intersection of Broadway and College.

Work done up to this point includes the notification of Henry Godeke, the president of the presenting Class of 1934 of the present marker, the approval by the Student Council of this as an all-campus project, the securing of an architect for preliminary plans and the organization of committee plans for the campaign.

At this time, we would like to present to you that general plan for your consideration. We feel that this is an area of definite need, and that such a project as we plan would greatly enhance and accent that area of the campus. There has been interest in this area expressed by students, by Lubbock area residents and by exes. Our basic aim is to channel all such interest into one short campaign.

We propose a two or three week all-school campaign with no eventual credit being given to any one organization.

Promotion:

Lubbock Area

Television Spots - intermittently from 6 p.m. to 10 p.m.

Radio spots - periodically throughout the day.

Newspaper - full explanation, with picture of the proposal to arouse interest and assure understanding of intentions.

Brochures - to be printed with all details of plan, with description of need, with reasons for giving; these would be mailed to out-of-town people and passed out on personal calls.

Posters - on campus a preparatory poster will arouse interest in "something" coming up. Later posters will encourage donations.

Points of solicitation:

Tech Campus - Individual student will be invited to donate, by mail, to the entrance. Organizations will be informed by pamphlets and letters to their presidents encouraging giving as a group. Organization donors and accounts will be printed in the Toreador.

Lubbock Area - Tramps will personally canvass commercial firms and groups. The project will be explained to civic clubs, but no money will be taken until later on an individual call basis. Newspapers, pamphlets and talks will encourage those interested to contact the Saddle Tramps for further information.

Ex-Students - This area will be handled only on a voluntary basis. Details and a story will be printed in the Tech Times monthly ex-student magazine. An address will be given for information on donations.

All money will be handled through the Business Office of the College, and the Tech Foundation will acknowledge each donation with appropriate remittance.

Architect's planning fee is to be paid with money already available in Saddle Tramp funds.

Promotion expenses may be handled either from money raised or money from the Tramps.

At the time when it seems practical, all money and architect's plans will be presented to the college officials.

The time of collection is another factor that you are no doubt interested in. We do not feel that we can ask for contributions until we can show what the money will be used for. Therefore, as soon as the architect finishes the plans and they are approved by the Campus Planning Committee, we will be ready to begin our campaign.

It is the desire of the Saddle Tramps to work as closely as possible with the administration at all times; therefore, any questions or suggestions will be greatly appreciated. Please feel free at any time to call Paul Dinsmore, Saddle Tramp President, at 4035 or Wendell Newman, Project Chairman and First Vice President, at 4922.

Yours for a greater Texas Tech,

/s/ Paul Dinsmore

Paul Dinsmore
President, Saddle Tramps

/s/ Wendell Newman

Wendell Newman
Vice President, Saddle Tramps

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 200 October 30, 1963

A meeting of the Campus Planning Committee was held at 9 a.m. on October 30, 1963, 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, Mr. O. R. Downing and Mr. John G. Taylor were present.

For the discussion of the Consolidated Food Service Unit and the Central Food Facilities, the Associated Architects and Engineers were represented by Mr. Howard Schmidt, Mr. Bob Messersmith and Mr. Hoyse McMurtry.

The engineers on the project were represented by Mr. Pete Love and Mr. Bob Johnson of Yandell, Cowan and Love.

In addition, Mr. Guy J. Moore, Director of Residence Halls, and Mrs. Shirley S. Bates, Director of Food Service, attended the discussion.

It was agreed that the Agenda would cover only the items needing approval by the Building Committee and the Board of Directors at the meetings on Friday, November 1, 1963. Also, it was agreed that the Minutes of the meeting will contain a summary of previous items which need Board approval.

2535. Bookstore Addition

A. Contract Recommendation

Bids were opened at 2:30 p.m. on October 30, 1963, in the Agricultural Engineering Auditorium in the presence of 96 interested persons. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 498, page 1479)

The CPC voted to recommend award of the contract to H. A. Padgett, Jr., the low bidder, in the amount of \$238,499.

B. Moving the Nursery School

On recommendation of Dean Willa Vaughn Tinsley, it was agreed to renovate the old Home Management House in order to accommodate another unit in the second story, by enclosing the stairwell, re-locating the toilet facilities on the first floor and by removing two existing partitions and remodeling the bathroom on the second floor. Dean Tinsley estimates that the facilities would provide adequate space for preschool laboratories and would be an improvement over the possible use of the existing Nursery School. A copy of Dean Tinsley's letter of October 28, 1963, is attached to and made a part of the Minutes. (Attachment No. 499, page 1480)

The CPC had only one reservation, and that was a possible noise interference with the dormitory residents in the area, and the suggestion was approved with the understanding that attempts would be made to maintain an acceptable noise level in the area.

The estimated cost of remodeling is \$2,000. It is thought that the work can be done through the Department of Building Maintenance and Utilities.

2536. Campus Drainage (Storm Sewer) (Panhandle Steel Construction Company, \$27,704.55)

Final Acceptance

The CPC had previously agreed to recommend the final acceptance date as August 29, 1963.

2537. Dormitory and Dining Facilities (Project CH-Tex-150(D))A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)1. Final Acceptance Date

The CPC had previously agreed to recommend August 1, 1963, as the date that the project was essentially complete for the purpose of determining liquidated damages and September 16, 1963, for the final acceptance date which sets the date for the one year's guarantee.

2. Walks (Frank Hodges, \$18,913)

The CPC had previously recommended the final acceptance date of September 23, 1963.

3. Streets, Drives and Parking Lots (Kerr Construction Company, \$30,811.80 and \$2,660)

The CPC had previously recommended the final acceptance date of September 23, 1963.

4. Kitchen Equipment

The installation of kitchen equipment was essentially complete on September 15, 1963, when the College began to use the facilities to serve meals. However, there are still a few minor items needing attention, and the contractor has not requested a final acceptance date as yet.

2538. Housing (Other) and Food ServiceA. Consolidated Food Service Unit for West, Sneed, Bledsoe and Gordon Halls

The entire project was again reviewed and discussed. Since the last meeting, the grades have been determined and the drainage problems solved. The architects reported that the time schedule for completion has been worked out, and the north side is to be done first in order that the existing kitchen and dining rooms can be serviced from that direction. It was agreed that we will not be able to rent the two corner rooms on the south during the spring term, as the rooms will become passageways to the dining room and will probably be untenable during late spring.

The basement plans were studied, and the only change since the last meeting is the installation of an areaway for the transformer vault.

The first floor is much as before, with the exception that information has been added for the contractor to know what to do first in order to provide service from the north. The folding doors to block off the kitchen from the dining room were discussed again, and it was agreed to have a steel gate for security and a fabric door for appearance. Heating and cooling were discussed.

It was again agreed that there is to be no heat provided in the covered walkways, which will be bid as an alternate.

The elevations were studied again and are more complete than last time. The kitchen layout, which includes the latest information from Mr. Dana, was studied. The architects, Mr. Barrick, Mr. Moore and Mrs. Bates will again check the final arrangements before the Board meeting.

2538. Housing (Other) and Food Service (continued)A. Consolidated Food Service Unit for West, Sneed, Bledsoe and Gordon Halls

It was agreed to recommend to the Board of Directors that entrances be constructed on both of the north wings of West and Sneed Halls in order to facilitate traffic to and from the new dining room, whether or not the covered walkways are installed. The estimated cost for the two additional entrances is \$25,000 to \$35,000. It was agreed to recommend that the entrances be included in the project as an alternate in case borrowed funds could not be used for the installation.

The mechanical plans were discussed briefly and are to be studied in detail with Mr. Downing before the Board meeting.

B. Central Food Facility

The architects reported that the scales have been moved, and the wall behind the loading dock eliminated.

It was agreed to recommend one adjustable loading dock in order to provide delivery from trucks with odd heights.

All plans have been completed to install a railroad spur at a future date, if needed.

Due to the fact that the present warehouse in the area gets very hot in the summer, the architects felt that it is necessary to install a ventilation system in the warehouse in order to reduce the temperature on stored foods and commodities. It was agreed that a floor system would be more desirable than one in the walls, as there would be problems from both dust and freezing with ventilation through wall louvers. The floor units will be installed with a grate in order to support the weight of the forklifts. The ventilation system will provide an air intake only.

It was agreed to install doors to form a small vestibule to prevent loss of cold air from the refrigerators while in use.

The over-all plan was discussed, and the road to be used by the contractor was reviewed. It was agreed that Mr. Urbanovsky will discuss the proposed fenced areas with the architects. Also, it was agreed to encroach as little as possible on the research grass area near the site.

In view of the information gained from other warehouses, the plans call for a paved area of 320 feet for incoming trucks, with a concrete strip to support the front small wheels of the trailers, if necessary.

The supply of the various utilities as sewage, water, telephone cable, electricity, gas, etc., was discussed. The City of Lubbock will furnish underground electric service to the transformer vault and will supply the transformers.

It was agreed that Mr. Urbanovsky will work with the architects on parking. There is no change in the finish schedule since the last meeting.

The elevations were again reviewed.

It was agreed to follow the schedule to issue the plans and specifications on November 11, 1963, which would provide time to double-check with Mr. Dana after the Board meeting. It was agreed to recommend bids on the subcontracts for Tuesday, December 3, 1963. The sub-bids would be for the mechanical, electrical and kitchen equipment. The general bids would be taken on December 5, 1963.

2538. Housing (Other) and Food Service (continued)B. Central Food Facility

Due to the many different bidders, possible ways of bidding and the very tight schedule, it was agreed to recommend one over-all combined contract. Both the Consolidated Food Service Unit and the Central Food Facilities must be completed at the same time, as the new kitchen is designed to function with the Central Food Facilities.

It was agreed to include one small freight elevator in the general contract.

(The portion of the meeting on the two projects terminated at 11:30 a.m., and it was agreed to recess at 11:40 a.m. since Mr. Urbanovsky had to go teach a class; and to reconvene following bid opening on the Addition to the Bookstore.)

C. Final Application

The HHFA has said that it will be in order to prepare and submit the final application, although the preliminary application has not yet been approved.

A good bit of work has been done already on the final application and it was agreed that it and the final plans and specifications will be hand-carried to the HHFA following the Board meeting.

D. Consultant

Mr. Dana has been requested to be present for the Building Committee meeting on Friday morning and for the Board meeting that afternoon, if possible. It is thought that Mr. Dana can be here only for the Building Committee meeting, and it is the time that his services will be most needed.

E. Bledsoe and Gordon Halls Painting (Smith & Wardroup, Inc., \$19,100)Final Acceptance

The CPC previously had recommended the final acceptance date of August 9, 1963.

2539. Dormitory Revenue Bond Sale (New Issue, \$10,666,000
Reissue, 7,237,000
Total, \$17,903,000)Bids

Bids were opened for the sale of the above referenced bonds at 10 a.m. on October 28, 1963, in Room 120 of the Administration Building in the presence of 4 interested persons.

The only bidder, other than the Government, was Rauscher, Pierce & Company, Inc., & Associates. The bid was for the maturities through 1982 in the amount of \$2,075,000 at 3.5 per cent, which is identical to the Government's bid.

In case of a lower or equal bid, the Government's provisions specify that the sale will be awarded to the bidder other than the Government.

2540. Killgore Beef Cattle CenterPlaques

It was agreed that Mr. Barrick will study various plaques for proper recognition and would make recommendations in time for study and presentation to the Board of Directors at the December meeting.

2541. Parking Lot South of Library (Kerr Construction Company, \$13,217.50)Acceptance Date

The CPC previously had recommended a final acceptance date of September 1, 1963.

2542. Psychology and Speech (H. A. Lott, Inc., - \$911,000 - January 22, 1964)A. Psychology (\$452,000)Equipment

Quite sometime back, the CPC recommended approval of the list of equipment which is attached to and made a part of the Minutes. (Attachment No. 500, page 1481)

Board approval has yet to be requested, and it was agreed to present the list to the Board of Directors.

B. Speech (\$459,000)1. Stage Rigging and Seating

Bids were scheduled for November 1, 1963, but the consultant employed by the Project Architects was, due to a family emergency, unable to work for a good while and as a result could not complete his portion of the work on schedule.

It was agreed that no harm would be done to the project if bids were taken in time for the December meeting, and the CPC agreed to do so.

2. Equipment

Quite sometime back, the CPC recommended approval of the list of equipment which is attached to and made a part of the Minutes. (Attachment No. 501, page 1482)

Board approval has yet to be requested, and it was agreed to present the list to the Board of Directors.

2543. Signs on Campus

Bids for the signs were opened and read aloud at 2 p.m. in Room 120 of the Administration Building in the presence of 3 interested persons. The bid tabulation is attached to and made a part of the Minutes. (Attachment No. 502, page 1483)

The bid of the West Texas Advertising Company of Lubbock, at \$15.74, was the low, complete bid. Architects with Bronze and Aluminum Corporation submitted a lower bid but it was not a complete bid, according to the specifications. The estimated cost with one installed sign per building is approximately \$12,000.

It was agreed to present an alternate suggestion which seems to be more economical and more practical to the Board at the meeting.

2544. Tennis CourtsAcceptance Date

The CPC previously had recommended the final acceptance date of September 30, 1963.

2545. Required Minimum Wage Scale

It was agreed to discuss a possible need for a revised minimum wage scale at the next meeting of the CPC.

M. L. Pennington
Chairman

The meeting adjourned at 3:40 p.m.

ADDITIONS AND ALTERATIONS TO THE BOOKSTORE
 TEXAS TECHNOLOGICAL COLLEGE, LUBBOCK, TEXAS

BID TABULATION

October 30, 1963

CONTRACTOR	BASE BID	ADDENDA	BOND
Abbott, W. B.	\$ 255,339	2	X
Bennett Construction	253,250	2	X
Bundock, H. R.	247,200	2	X
Knox, Gailey & Meador	258,450	2	X
Lott, H. A.	NB		
Martin, Claude & Son	252,300	2	X
McClellan Construction Company	247,178	2	X
Padgett, H. A., Jr.	238,499	2	X
Pharr, Cecil	248,888	2	X
V and N Construction	248,950	2	X

Maeker, Jordan, Stephens & Associates
 Engineer - Architects, Lubbock, Texas

Campus Planning Committee
October 30, 1963
Attachment No. 499
Item 2535B

TEXAS TECHNOLOGICAL COLLEGE
School of Home Economics
Lubbock, Texas

OFFICE OF THE DEAN

October 28, 1963

Mr. M. L. Pennington
Vice President for Business Affairs
Tech Campus

Dear Mr. Pennington:

This letter is to formalize a request from the School of Home Economics concerning the outcome of the conflict in location of the Nursery School with the building plans for the Bookstore.

Our request is based on the conclusion that the old home management house can best be converted into the preschool laboratories instead of reserving it for possible future home management residence laboratory if and when the president's home is no longer available for this laboratory. It is unrealistic to think that the old home management house can ever revert back to a home management residence laboratory because of the increasing number to be served in home management residence. When we moved from the old home management house in January, 1961, where we could enroll only seven students at a time, we were serving an enrollment of 546 majors; after moving to the president's home where we can enroll eleven students at one time, we are serving a student body in the fall of 1963 of 646 majors, an increase of 18 per cent in three years.

It is the recommendation of the School of Home Economics that the present frame Nursery School building be relinquished by us for whatever use the College may have for it, and that the old home management house have some interior remodeling so as to utilize both the top and bottom floors simultaneously. This will enable us to operate a maximum of four laboratories within this one building, utilizing common playground through scheduling outdoor play hours for sections at different times.

We feel there are some definite advantages to this proposal, namely: preparing their mid-morning and mid-afternoon lunches will be concentrated in one preparation center; housekeeping will be limited to one building; much of the outdoor play equipment can be utilized by both the younger and older children in both sections; better heating facilities and less danger of fire in the brick building.

Very sincerely yours,

/s/ Willa Vaughn Tinsley

Willa Vaughn Tinsley, Dean
School of Home Economics

Campus Planning Committee
 October 30, 1963
 Attachment No. 500
 Item 2542A

TEXAS TECHNOLOGICAL COLLEGE
 Lubbock, Texas

Psychology Building Equipment

<u>Item</u>	<u>Steelcase No.</u>	<u>Quantity</u>	<u>Cost</u>
Executive Desks	14021	22	\$ 2,565.00
Secretaries' Desks	14025	4	567.60
Executive Chairs	C-238	22	871.20
Straight Chairs, Wood (30) (Group Testing)	C-233	227	4,395.20
Small Tables (30, Wooden)	16074	88	4,840.00
File Cabinets	Class 3, 1800 Series	37	2,319.90
Armchairs	C-235	58	1,626.90
Secretaries' Chairs	C-275	6	198.00
Tablet-arm Chairs (26 Folding Arms)		84	924.00
Large Tables, 30" x 60"	14024 or 16024	20	1,320.00
Single Pedestal Desks	14071	5	475.20
Low Table, 3' x 6'		1	150.00
Low Chairs		6	90.00
Lecterns		3	20.00
Classroom Tables		2	63.00
Portable Risers, 33" x 96" x 8"		2	200.00
Portable Risers, 33" x 96" x 16"		2	250.00
Movie Projector		1	250.00
Slide Projector		1	100.00
Movie Screen		1	30.00
Blackboard, Portable, 3' x 5'		1	50.00
<u>EEG Test Room</u>			
High Examination Table		1	70.00
Mail Case for Building		1	<u>62.00</u>
Total			\$ <u>21,538.00</u>

Campus Planning Committee
 October 30, 1963
 Attachment No. 501
 Item 2542B-2

TEXAS TECHNOLOGICAL COLLEGE
 Lubbock, Texas

Speech Building Equipment

First Priority

Office Equipment for Theater

<u>Item</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Executive Desk, Metal	2	\$ 116.60	\$ 233.20
Secretarial Desk, Metal	1	142.00	142.00
Table, 3' x 6'	1	45.00	45.00
Executive Chair, Metal	2	36.00	72.00
Secretarial Swivel Chair, Metal	1	30.00	30.00
File Cabinet, Four drawer, with Lock	3	57.00	171.00
Straight Chair, Metal	8	17.60	140.80
Armchair, Metal	2	25.50	51.00
Chair (for Green Room), to Match Orchestra Pit Chairs	50	25.00	1,250.00
Folding Chair with removable tablet arm (for sound and light control room)	12	15.00	180.00
Blackboard, 4' x 8' (Green Room)	1	45.00	45.00
Projection Screen, Wall Type (Green Room)	1	45.00	45.00
Table, 30" x 48", without drawer	1	42.50	42.50
Vacuum Cleaner, commercial type	1	115.00	115.00
Ticket Rack	1	25.00	25.00
Racks and Docks for scenery in Scene Shop		300.00	300.00
Tool Storage Cabinet	1	50.00	50.00
Worktable and storage pigment bins	1	125.00	125.00
Lumber Rack	1	40.00	40.00
Paint Rack	1	35.00	35.00

<u>Item</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Scenery Hanger Iron	48	\$ 1.00	\$ 48.00
Ladder, Platform, 12' high McMaster-Carr No. 279716	1	59.80	59.80
Cabinet for Sound Booth	1	50.00	50.00
Built-in Counter for Sound Room	1	150.00	150.00
Typing Table, no drawer	2	35.00	70.00
Small Table, 24" x 36" No drawer	2	35.00	70.00
Table for Projector, 24" x 36", no drawer	1	35.00	35.00
<u>Equipment for Speech and Hearing Clinic</u>			
Executive Desk (OVR 2)	3	116.60	349.80
Secretarial Swivel Chair	2	30.00	60.00
Executive Swivel Chair	2	36.00	72.00
Chairs, Plastic or Fiberglas on Metal, Stacking	60	10.00	600.00
Typing Table (OVR)	1	17.00	17.00
Filing Cabinet, Four-drawer, with Lock, Letter Size	2	57.00	114.00
Steel Bookcase (Cole Steel, Cat. A, p. 69)	2	56.50	113.00
36' Steel Shelving (Soundproof Room) (Cole Steel, Cat. A, p. 69)			113.00
Small Drawer File Cabinets (for therapy equipment) (Cole Steel, Cat. A, p. 53)	2	60.00	120.00
Workbench (Soundproof Room)	1	25.00	25.00
Carpet (Soundproof Room), 10' x 16' (no static electricity)	1		150.00
Noise Generator, Rudmose RA 107	1		225.00
Mirror, plate glass, 3' x 4'	4	25.00	100.00
Amplifier, Knight KN, 3010, 10 Watt	10	30.00	300.00
Microphone, Knight 727 Ceramic	10	10.60	106.00
Speaker, Utah 8 ohm	10	10.80	108.00
Tape Recorder	2	150.00	300.00

<u>Item</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Blackboard, 3' x 4'			
Claridge Cut. <u>23e</u> , Portable cl	8	\$ 20.00	\$ 160.00
Table, Folding, Formica, 2 $\frac{1}{2}$ ' x 8'	4	37.50	150.00
Blackboard, Mirror Combination, on Casters	2	100.00	<u>200.00</u>
Total, First Priority		\$	<u><u>7,003.10</u></u>

Second PriorityEquipment for Speech and Hearing Clinic

Sisi Adapter	1		100.00
Bekesy Tape Audiometer Rudmost RA 108-2 Rudmost Assoc., Inc. 500 N. Bishop Richardson, Texas	1		3,000.00
Table, short legs, Formica Top, 2' x 4', Metalart 900 Series, p. 9 (Foremost Equipment Company)	5	24.00	120.00
Chair, Medium Ht., Child's, Plastic or Metal, Foremost Equipment Company	16	6.90	110.00
24' Steel Cabinets & Base Units; Wall Units, 36" wide, Cat. No. 66A 4464R	8	30.00	240.00
Base Units, 36" wide, Cat. No. 66A 4291R (Montgomery Ward Cat., Fall & Winter, 1962, p. 1108)	8	75.00	<u>600.00</u>
Total, Second Priority		\$	<u><u>4,170.00</u></u>

First Priority \$ 7,003.10

Second Priority 4,170.00Total \$ 11,173.10

<u>Additional Equipment</u>	<u>Quantity</u>	<u>Cost</u>
Work platform (30 ft. in height), sky jack and electric lift; McMaster Carr No. 814523	1	\$ 1,894.00
Projection Screen (about 10' x 10', for hanging from batten on stage, roll type)	1	159.00
Straight Chairs (for use at make-up counters)	16 (\$12.50 ea.)	200.00
Swivel Chairs (secretarial type, for use at light and sound console)	3 (\$35 ea.)	105.00
Fireproof Rubbish Can (for Scene Shop)	1	30.00

Additional Equipment (Continued)

<u>Item</u>	<u>Quantity</u>	<u>Cost</u>
Three-plate electric cookstove, variable heat of extra heavy construction (for Scene Shop; table model satisfactory)	1	\$ 75.00
Large horses, 6' long, height adjustable between $1\frac{1}{2}$ ' and 3' (for Scene Shop)	2 (\$18.50 ea.)	37.00
Small horses, height adjustable between $1\frac{1}{2}$ ' and 3' (for Scene Shop)	2	<u>35.00</u>
Total		\$ <u>2,535.00</u>

First and Second Priority Equipment	\$ 11,173.10
Additional Equipment	<u>2,535.00</u>

Grand Total	\$ <u>13,708.10</u>
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SIGNS ON CAMPUS
 TEXAS TECHNOLOGICAL COLLEGE
 Lubbock, Texas

BID TABULATION October 30, 1963

BIDDER	COST PER LETTER
Spanjer Brothers, Inc. Chicago, Illinois	\$ 16.95
Letterfab, Inc. Addison, Illinois	17.80
West Texas Advertising Company Lubbock, Texas	15.74
Architectural Bronze and Aluminum Corporation Skokie, Illinois	6.80 (not installed) 3.00 (installation charge) 9.80 *

* This quote is based on the purchase of all the letters listed on the bid, since a special price was established because of the quantity involved.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

AGENDA FOR THE JOINT MEETING
OF THE CAMPUS AND BUILDING COMMITTEE AND CAMPUS PLANNING COMMITTEE
TO BE HELD AT 10:30 A.M. IN THE OFFICE OF THE PRESIDENT
NOVEMBER 1, 1963

2545. Bookstore Addition

p. 1479

Contract Recommendation

Consider the recommendation to award a construction contract to H. A. Padgett, Jr., of Lubbock, the low bidder, in the amount of \$238,499.

2546. Campus Drainage (Storm Sewer) (Panhandle Steel Construction Company, \$27,704.55)

Consider the recommendation of August 29, 1963, as the final acceptance date.

2547. Dormitory and Dining Facilities (Project CH-Tex-150(D))

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

1. Final Acceptance Date

Consider the recommendation of August 1, 1963, as the date the project was essentially complete for the purpose of determining liquidated damages and September 16, 1963, for the final acceptance date which sets the period for the one year's guarantee.

2. Walks (Frank Hodges, \$18,913)

Consider the recommendation of September 23, 1963, as the final acceptance date.

3. Streets, Drives and Parking Lots (Kerr Construction Company, \$30,811.80 and \$2,660)

Consider the recommendation of September 23, 1963, as the final acceptance date.

2548. Housing (Other) and Food ServiceA. Consolidated Food Service Unit for West, Sneed, Gordon and Bledsoe Halls, and Central Food Facilities

OK Consider approval of the final plans and specifications. OK

OK Consider the recommendation to issue the plans and specifications to bidders on November 11, 1963, and to take bids for the subcontracts on Tuesday, December 3, 1963, and the general contract bids on December 5, 1963. OK

OK Consider the recommendation to award one over-all combined contract due to the very tight time schedule, the many different bidders, the many possible ways of bidding and the fact that the two facilities are dependent on each other. OK

B. Bledsoe and Gordon Halls Painting (Smith and Wardroup, Inc., \$19,100) OK

OK Consider the recommendation of August 9, 1963, as the final acceptance date.

2549. Dormitory Revenue Bond Sale (New Issue, \$10,666,000; Reissue, \$7,237,000; Total, \$17,903,000)Bids

Rauscher, Pierce and Company, Inc., was the only bidder other than the Government and bid 3.5 per cent with a premium of \$537.50 for the maturities through 1982 in the amount of \$2,075,000. The bid is identical to the Government's for the same securities and, according to Government procedures, Rauscher, Pierce and Company, Inc., will get the bid.

This item is for information only, as the approval of the sale will be considered by the Finance Committee.

2550. Parking Lot South of Library (Kerr Construction Company, \$13,217.50) OK

OK Consider the recommendation of September 1, 1963, as the final acceptance date.

equal
to
from
West
\$25 to \$35,000
is alternate -

2551. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)A. Psychology (\$452,000) p. 1481

OK

Equipment

Consider the recommendation for the approval of the attached list of equipment which will cost an estimated \$21,538.

OK

B. Speech (\$459,000) p. 1482

OK

Equipment

Consider the recommendation for approval of the attached list of equipment which will cost an estimated \$13,708.10.

OK

Signs on Campus

p. 1483

Consider action on the bids taken for building signs. A copy of the bid tabulation is attached. The bid of the West Texas Advertising Company of Lubbock at \$15.74 per letter is the low complete bid and would result in an estimated cost of \$12,000.

The CPC would like to present an alternate suggestion which may be more economical and practical.

2553. Tennis Courts - Resurfacing (Bill Hood, \$5,340)

OK

Consider the recommendation of September 30, 1963, as the final acceptance date.

OK

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are prices, etc
by mutual
consent

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 201 November 1, 1963

A joint meeting of the Campus Planning Committee and the Campus and Building Committee was held at 10:30 a.m. on November 1, 1963, in the Office of the President.

Members of the Campus and Building Committee present were Mr. Wilmer Smith, Chairman, Mr. Harold Hinn and Mr. Herbert Allen. Other members of the Board of Directors present were Mr. Manuel DeBusk, Mr. Roy Furr, Mr. Al Allison, Mr. Charles Mathews, Mr. J. Edd McLaughlin, and Mr. R. Wright Armstrong.

Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and M. L. Pennington. In addition, others present were Dr. R. C. Goodwin, Mr. W. H. Butterfield, Mr. O. R. Downing, Mr. R. L. Mason, Mr. John G. Taylor, Mr. Guy J. Moore, and Mr. R. B. Price.

The Associated Architects & Engineers were represented by Mr. Howard Schmidt, Mr. John Stuart, Mr. Bob Messersmith and Mr. Hoyse McMurtry. The Engineers on the project were represented by Mr. Bob Jackson. Mr. Arthur W. Dana, Consultant, was present. This group remained only for the discussion of the Consolidated Food Service Unit and the Central Food Facility.

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 November 1, 1963, will follow that of the Campus and Building Committee for each item.

2546. Bookstore Addition

Contract

The Building Committee recommended a construction contract award to H. A. Padgett, Jr., of Lubbock, the low bidder, in the amount of \$238,499.

(The Board of Directors approved.)

2547. Campus Drainage (Storm Sewer) (Panhandle Steel Construction Company, \$27,704.55)

Final Acceptance

Approved the recommendation of August 29, 1963, as the final acceptance date.

(The Board of Directors approved.)

2548. Dormitory and Dining Facilities (Project CH-Tex-150(D))

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

1. Final Acceptance Date

Approved the recommendation of August 1, 1963, as the date the project was essentially complete for the purpose of determining liquidated damages, and September 16, 1963, for the final acceptance date, which sets the period for the one year's guarantee.

(The Board of Directors approved.)

2548. Dormitory and Dining Facilities (Project CH-Tex-150(D) (continued)A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)2. Walks (Frank Hodges, \$18,913)Final Acceptance Date

Approved the recommendation of September 23, 1963, as the final acceptance date.

(The Board of Directors approved.)

3. Streets, Drives and Parking Lots (Kerr Construction Company, \$30,811.80 and \$2,660)Final Acceptance Date

Approved the recommendation of September 23, 1963, as the final acceptance date.

(The Board of Directors approved.)

2549. Housing (Other) and Food ServiceA. Consolidated Food Service Unit for West, Sneed, Gordon and Bledsoe Halls, and Central Food Facilities

1. Approved the recommendation of the final plans and specifications for the projects.
2. Approved the recommendation to issue the plans and specifications to bidders on November 11, 1963, and to take bids for the subcontracts on Tuesday, December 3, 1963, and the general contract bids on December 5, 1963.
3. Approved the recommendation to award one over-all combined contract due to the very tight time schedule, the many different bidders, the many possible ways of bidding and the fact that the two facilities are dependent on each other.

(The Board of Directors approved.)

B. Bledsoe and Gordon Halls Painting (Smith & Wardroup, Inc., \$19,100)

Approved the recommendation of August 9, 1963, as the final acceptance date.

(The Board of Directors approved.)

2550. Dormitory Revenue Bond Sale (New Issue, \$10,666,000
Reissue, 7,237,000
Total \$17,903,000)Bids

The following items were listed for information only, as the Finance Committee recommended the sale which was approved by the Board: Rauscher, Pierce & Company, Inc., was the only bidder other than the Government, and bid 3.5 percent with a premium of \$537.50 for the maturities through 1982 in the amount of \$2,075,000. The bid is identical to the Government's for the same securities and, according to Government procedures, Rauscher, Pierce & Company, Inc., will get the bid.

2551. Parking Lot South of Library (Kerr Construction Company, \$13,217.50)

Final Acceptance Date

Approved the recommendation of September 1, 1963, as the final acceptance date.

(The Board of Directors approved.)

2552. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)

A. Psychology (\$452,000)

Equipment

Approved the recommendation for the approval of the list of equipment which will cost an estimated \$21,538.
(Attachment No. 500, page 1481, Campus Planning Committee Minutes No. 200)

(The Board of Directors approved.)

B. Speech (\$459,000)

Equipment

Approved the recommendation for approval of the list of equipment which will cost an estimated \$13,708.10.
(Attachment No. 501, page 1482, Campus Planning Committee Minutes No. 200)

(The Board of Directors approved.)

2553. Signs on Campus

The Building Committee considered the prices and the aluminum letters and the alternate suggestion of the Campus Planning Committee. The members agreed to view a sample of the other type of sign after the luncheon.

At the Board meeting, by mutual consent, it was agreed to carry the item over for the next meeting in order to have prices on the alternate signs and more information.

2554. Tennis Courts - Resurfacing (Bill Hood, \$5,340)

Acceptance Date

Approved the recommendation of September 30, 1963, as the final acceptance date.

(The Board of Directors approved.)

(The next three items were discussed at the meeting of the Board of Directors but are included here in order that they may be of record.)

2555. Museum

Location

The Board of Directors instructed the Campus Planning Committee to see if it can get together with the Museum Association on a suitable site. The feeling was expressed that there should be a fairly liberal amount of space to allow for future growth of the Museum.

It was stated that we can't afford brick on all of the proposed buildings as there must be a cheaper shell, especially in some of the storage areas. If a metal shell were used, it probably would be relatively easy to expand by adding sections in the future. The one-story portion should be metal buildings.

2555. Museum (continued)Location

The CPC is to take into consideration the possible completion of Indiana through the College with possible turn ins and outs.

Also, the CPC is to consider an area from Fourth Street south to the railroad.

It was explained that no attempt was being made to design the project but to set the project for consideration.

2556. Women's Dormitory No. 6 and 7

The CPC was instructed to examine the entrance road to the parking lot as it is almost impossible for two cars to pass. Also, a great deal of difficulty is being experienced at times when one car is parked in the driveway. The same check should be made on the two new dormitories.

2557. Fraternity and Sorority Lodges

Senate Bill No. 25, passed by the Fifty-eighth Legislature, authorized the Board of Directors of Texas Technological College, in consideration of the payment of the appraised value, to convey to the Texas Tech Interfraternity Housing Corporation, certain land in the City of Lubbock for the purpose of constructing thereon fraternity and sorority lodges.

At the meeting of the Board of Directors, it was agreed that it would be better for the fraternities, sororities and the College to delay action at this time until all possibilities could be explored.

The CPC was instructed to review land adjacent to the Turner tract and to recommend 10 specific acres in case the sale should be made.

M. L. Pennington
Chairman

The meeting adjourned at 12 noon.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting 202

November 18, 1963

A meeting of the Campus Planning Committee was held at 9 a.m. on November 18, 1963, 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. R. L. Mason, Mr. O. R. Downing and Mr. John G. Taylor were present.

2558. Approval of Minutes

On motion by Mr. Barrick, seconded by Mr. Urbanovsky, the Minutes of Meetings Nos. 198, 199, 200 and 201, with the following correction to No. 198, were approved:

Item 2523 - 8. Time Schedule - Change the date of November 15, 1963, to November 15, 1964.

2559. President's Approval of Minutes

The Chairman reported that President Goodwin approved the Minutes of Meeting No. 198 on October 18, 1963; No. 199 on October 23, 1963; and, No. 200 on November 2, 1963.

2560. Antenna Farm

Illinois Contract

A copy of a letter from the University of Illinois to Dr. Spuhler, under the date of October 4, 1963, is attached to and made a part of the Minutes. (Attachment No. 503, page 1493)

2561. Bookstore Addition (H. A. Padgett, Jr., \$238,499 - August 1, 1964)

A. Construction

Progress

The preconstruction conference has been held. The amount of construction area to be allotted to the contractor has been discussed with Dean Tinsley, Mr. Cole, Chief Daniels, and Mr. Moore, and the contractor has been notified. The contractor is in the process of moving to the site.

B. Completion Time

The completion time is August 1, 1964.

C. Nursery School

The equipment, shelving and other material have been stripped from the building by the College for use elsewhere.

The CPC voted to recommend the sale of the building to the contractor for the sum of \$1,000.

2562. Burlington Engine

On November 4, 1963, President Goodwin sent the following note:

"Mr. Hinn asked me to request of you and the CPC, a possible solution for bringing the Burlington engine down in the near future. The extension of the present spur or the building of a side spur off of the present one, were possibilities that he suggested."

The members were of the opinion that either suggestion could be done.

2563. Campus Lights

The cost of the present lights installed around Women's Dormitory No. 6 is approximately \$135 per light in lots of ten or more.

It was agreed that attempts should be made to start lighting the campus proper and that it could be taken in steps, if necessary.

It was agreed to check on possible sources of funds and to develop a plan, if sufficient financing is available.

2564. Dormitory and Dining Facilities (Project CH-Tex-150(D))A. Unit A (H. A. Lott, Inc., \$2,764,546 - August 1, 1963)1. Outside Lights

The supplier was delayed in delivering the fixtures but the lights were installed in mid-October, 1963.

2. Entrance Road to the Parking Lot

At the last meeting of the Board of Directors, the CPC was requested to examine the entrance road to the parking lot as it is almost impossible for two cars to pass. A great deal of difficulty is being experienced at times when one car is parked in the driveway. The same check should be made on the two new dormitories.

Since the information was obtained, the operation has been under observation and it doesn't look as if it would be feasible to redesign the facilities to prevent the difficulty. It was felt that the problem is acute when the girls are returning to the halls from their dates. No cars are supposed to park in the driveway.

The consensus was that it would be very difficult to devise facilities that would handle the traffic problem when the girls are returning to the dormitories from dates as that is a peak period.

Continued observations will be made.

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

Construction progress continues to be good.

2. Kitchen and Dining Room Equipment (Units B and C)
(Commercial Kitchens, Inc., \$206,706)

All refinements to the shop drawings are now complete.

3. Interior Decorator

A great deal of discussion ensued, with no specific recommendation being made. The study will be continued.

2565. Farm Facilities (Hog Houses)

After consideration, the Campus Planning Committee agreed to take no exception to the installation of the temporary facilities.

2566. Fraternity and Sorority Lodges

The Board of Directors requested the CPC to recommend ten specific acres to sell.

Mr. Urbanovsky was requested to have his staff make a study of the entire area and present his findings to the CPC at a future meeting.

2567. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe, and Gordon Halls, and Central Food Facilities

A. Plans and Specifications

The plans and specifications are out for bids at the present time.

B. Final Application

A copy of Mr. Taylor's report is attached to and made a part of the Minutes. (Attachment No. 504, page 1494)

2568. Infirmery

The next step is to arrange a meeting with Dr. Kallina.

2569. Killgore Beef Cattle CenterA. Center (Walter E. Wirtz, \$378,839)Status

Mr. Barrick has recently inspected the facilities and reports that the quality of work is excellent and it looks as if the contractor may be able to turn the project over to us by December 15, 1963.

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

The foundation is complete and the contractor is in the process of installing the floor.

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

Brown-McKee and Stout Steel Builders are co-ordinating their efforts.

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

Mr. Barrick reported that the shop drawings have been approved and returned.

C. Roads, Parking and Landscaping

Mr. Urbanovsky reported that the contractor is now doing the grading required of him in his contract. As soon as he is finished, new grades will be taken and the final plans and specifications prepared in order to take bids.

2569. Killgore Beef Cattle Center (continued)D. Equipment

The equipment needs have yet to be defined and all of those involved are urged to speed up their efforts in order to have the building ready for utilization when it is complete.

E. Plaques

Mr. Barrick reported that he has worked up a rough draft and asked Mr. Butterfield, as he was going to Amarillo, to see if it met with Mr. Weymouth's approval.

2570. MuseumLocation

The Board of Directors instructed the Campus Planning Committee to see if it can get together with the Museum Association on a suitable site. The feeling was expressed that there should be a fairly liberal amount of space to allow for future growth of the Museum.

It was stated that we can't afford brick on all of the proposed buildings as there must be a cheaper shell, especially in some of the storage areas. If a metal shell were used, it probably would be relatively easy to expand by adding sections in the future. The one-story portion should be metal buildings.

The CPC is to take into consideration the possible completion of Indiana through the College with possible turn ins and outs.

Also, the CPC is to consider an area from Fourth Street south to the railroad.

It was explained that no attempt was being made to design the project but to set the project for consideration.

After very thorough consideration, the members were of the opinion they did not know just what was expected of them and agreed that the Chairman would talk with the President for clarification.

2571. Naval Training Center

The proposed contract is on the Chairman's desk.

2572. Playa Lakes

The CPC members were of the opinion that sufficient justification for the installation of the playa lakes is lacking and declined to recommend the installation.

2573. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)A. Psychology (\$452,000)

The contractor continues to be on schedule.

B. Speech (\$459,000)Auditorium Seats and Stage Rigging

Bids will be opened at 2:30 p.m. on December 4, 1963.

C. Utility Lines (Anthony Company, \$6,500)

Mr. Mason reported that the project is about 99.5 percent complete and nothing can be done until further developments are made by others.

2573. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)
(continued)

D. Walks, Drives, Parking Lot

Mr. Urbanovsky reported that he has the planning under development.

2574. Wage Scale

It was agreed to get an actual copy of the law and study it before making a recommendation on the minimum wage scale. Some of the Union representatives have questioned the minimum scale in effect at this time.

M. L. Pennington
Chairman

The meeting adjourned at 11:50 a.m.

Campus Planning Committee
November 18, 1963
Attachment No. 503
Item 2560

DEPARTMENT OF ELECTRICAL ENGINEERING
Radiolocation Research Laboratory
Telephone: Area Code 217, 333-2310

University of Illinois, Urbana, Illinois

October 4, 1963

Dr. Harold Spuhler
Department of Electrical Engineering
Texas Technological College
Lubbock, Texas

Dear Dr. Spuhler:

SUBJECT: Information on status of subcontract and FCC license

Preliminary negotiations with the Bureau of Ships and the Office of Naval Research have been completed, and a continuation of the Radiolocation programs of which your subcontract is a part has been assured for the coming year.

Unfortunately, we can still not report any real progress with FCC. Our request for modification of the license was refused. In the meantime, we have checked with the manufacturer, Granger Associates, and with Stanford Research Institute. We find that the majority of these sets that are in service are licensed under military provisions rather than FCC. Code 680E of BuShips is actively pursuing the possibility of licensing the one here and the one in Lubbock.

Stanford Research Institute tells us that they are operating on the understanding that upon any complaints as to interference the difficulty would be removed, but that so far they have received complaints from no one. We understand they do blank out the amateur band at their California transmitter, but that in their Hawaii and Puerto Rico transmitter they have not done so.

Pending any breakthrough on these two possibilities, we have started construction of a mechanism which will automatically blank out the portions of the band which are restricted by the current FCC license. It will be at least November before we can deliver this to Lubbock. We have also been promised a GFE Target Transmitter by that date and possibly could deliver both on the same trip.

The Air Force contract, under which the ionosondes themselves were purchased, has been extended for another year so that there are no current worries about having the equipment recalled by the Air Force.

Sincerely yours,

/s/ John C. Hofer

John C. Hofer
Laboratory Manager
Radiolocation Research Laboratory

cmr

Campus Planning Committee
November 18, 1963
Attachment No. 504
Item 2567-B

A meeting was arranged at 10 a.m. on November 6, 1963, with HHFA for the purpose of delivering the full application on this project. Mr. Howard Schmidt and Mr. Bob Messersmith of the Associated Architects, Mr. Bill Felty from the Supervising Architect's Office of the College, and I attended the meeting at the HHFA Office.

Miss Emma Brown cordially accepted our application, reviewed it hurriedly and pointed out one or two other items we needed to send her; but said there was no big hurry. She called in Mr. Don Horsley, the finance man. He looked over our submission on the proposed method of financing the project and said it looked as if we had given him all the information he would need at the present time.

Miss Brown next called in Mr. Williams from the Engineering Department and had him take the architects to his office and review the plans, which the architects said were approximately 95 percent complete.

Miss Brown was aware of the time schedule Texas Tech is facing and she, as well as Mr. Williams, stated that we could issue the plans and specifications on November 11, with the understanding that they may have to be recalled if the application runs into any technicalities down the road. Later, during the meeting with Mr. Williams in the Engineering Department, he pointed out that we definitely could not open bids on this project until the wage rates were furnished to the contractors who would bid. Mr. Williams stated that Miss Brown could probably get the wage rates for us in two or three weeks, so it might be well that we keep this in mind and ask her to see if she can speed up the delivery of the wage rates.

Mr. Williams mentioned that the man who would review our final plans, which will be going out to the contractors for bidding, was out of the office and would not begin reviewing the plans until Tuesday, November 12, as November 11 is a holiday for HHFA. Mr. Howard Schmidt said he thought they could have the plans completed and the specifications ready to go, and would try to get a complete set to HHFA by Tuesday, so that they could start with a complete set and not have to start with the set which was delivered on November 6.

To sum up the meeting, HHFA was very cordial and seemed to be willing to cooperate with Texas Tech to see if they could meet our deadlines. They would not commit themselves other than to say that they would be their best.

John G. Taylor
Business Manager

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting 203

November 19, 1963

A joint meeting of the Campus Planning Committee and the Saddle Tramps was held at 2 p.m. on November 19, 1963, in the Physical Plant Building. Members of the Campus Planning Committee present were Mr. E. J. Urbanovsky, Mr. Nolan E. Barrick and Chairman M. L. Pennington. In addition, Mr. John G. Taylor, Mr. O. R. Downing and Mr. Mark Gosdin were present.

The Saddle Tramps were represented by Mr. Paul Dinsmore, President, Mr. Wendell Newman, Vice President, Mr. Ronnie Botkin, Mr. Dwayne Cochran, Mr. Jerry Blackwell, Mr. Erin Schmidt, Mr. James Cole, Mr. W. J. Hill, Mr. George Brown and Mr. John Bunton. In addition, Mr. W. C. Cole and Mr. Joe Winegar, Sponsors of the Saddle Tramps, were present.

The Architects were represented by Mr. Howard Schmidt and Mr. Juan Talamantes.

2575. Entrance Marker

Mr. Schmidt said that a good bit of additional work and study had been done since the last meeting in connection with the Broadway entrance. Such items as crossing by pedestrians, the possibility of the closing of the circle in the future, sidewalks, new traffic resulting from the new food facilities, etc., have been considered.

In order to implement the marker, the use of a pool, low planting areas and low walls were considered.

He said that they had looked into symbols for the southwest, but had been unable to develop any promising leads.

He presented a drawing with a pool approximately 45' x 75', seven water sprays 30' high, the use of the College Seal about 12' high, and planting areas.

He pointed out that the work could be done in various stages as the years go by, if necessary.

It would be necessary to broaden the entrance by straightening the streets which would cause a change in pedestrian and vehicular traffic, if the proposed project were approved.

The entire area would be landscaped. It was agreed that the use of the seal for the name of the college would be most appropriate and the seal itself should be noncontroversial. The name change could be handled, if there is one. The pool uses would need to be ironed out. The seven water columns were discussed extensively. There would be lighting in connection with the pool but an effort would be made to prevent it from becoming somewhat "world fairish."

Possible hazards for pedestrians and automobiles resulting from blowing sprays and possible ice accumulation in winter were considered.

The architects estimated that the complete project probably would cost \$45,000 and \$15,000 to \$20,000 would be sufficient to do the first part.

After a very great deal of discussion, it was agreed that the presentation would comprise the general idea and that a study would be made of the materials and costs. The study of costs would not only include the expenses of construction but those for water, electricity, and maintenance.

2575. Entrance Marker (continued)

The Saddle Tramps felt that the cost is more money than had been planned, but the members had no qualms about tackling the problems to finance it. They agreed that it could be done piecemeal, if necessary, but they thought it would be well to attempt to raise it all and agreed to try.

Everyone agreed that the proposed marker would be very handsome.

Mr. Schmidt is to initiate the study promptly and is to let the Chairman know as soon as the studies are complete and another meeting will be arranged. It is very important that the next meeting be held as soon as possible, as there soon will be a new group of Saddle Tramp officers.

M. L. Pennington
Chairman

The meeting adjourned at 3:10 p.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 204

December 2, 1963

A meeting of the Campus Planning Committee was held at 10 a.m. on December 2, 1963, 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. R. L. Mason, Mr. O. R. Downing and Mr. John G. Taylor were present.

The Project Architects were represented by Mr. Bob Messersmith and Mr. Hoyse McMurtry.

2576. Dormitory and Dining Facilities (Project CH-Tex-150(D))

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

Entrance Roads to the Parking Lot

The request of the Board is being kept in mind for future installations.

2577. Fraternity and Sorority Lodges

The study on the appropriate ten acres is not yet complete.

2578. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe, and Gordon Halls, and Central Food Facilities

The Chairman reported that he had a call from Miss Emma Brown of the Fort Worth Regional HHFA office on November 27, 1963. She reported that the staff was doing the best it could, but she did not feel that there would be time to complete the reviews, get additional information from the College and secure approval before the bids were scheduled to be opened. She said that they could not go along with the bids if they hadn't completed the final review before the bids were opened. She suggested that the College stand by to see if the HHFA can complete the review and she would let us know as soon as they went far enough into the problem to know. She said that she thought we would have to extend the bid date.

The Chairman reported that Mr. Clausterman of Southern Equipment called him on November 29, 1963, from St. Louis, Missouri, and said that they want to bid the job but the date is too short. It would take a good bit of time to get the information on prices from manufacturers in the East. He said that they would just have to "pull off" the bidding process. He estimated that it could make as much difference as \$40,000-\$50,000 in the equipment bids if the bidders had to rush the job too much.

The Chairman reported that, on the same day, he called Mr. Howard Schmidt and told him of the conversation. Mr. Schmidt checked with the prospective bidders, and a short summary of his report is as follows:

The general and mechanical contractors with whom he checked felt that they could bid the job without trouble in the time allowed. The only strain seemed to be with the kitchen equipment suppliers.

After consideration, the CPC felt that the biggest problem facing a postponement would be securing Board approval, as it would be necessary to have approval not long after the Board meeting in order that the project could get under way not later than the first of the next year, or it possibly would be better to delay the project for a full year.

2578. Housing (Other) and Food Service (continued)Consolidated Food Service Units for West, Sneed, Bledsoe,
and Gordon Halls, and Central Food Facilities

Another consideration would be to postpone the bids until Friday morning for the subcontractors' bids and afternoon for the general bids in order to give some additional bidding time.

It was agreed that the CPC would prefer to postpone the bid opening until Friday if possible, and if that didn't work, to request the Board of Directors for delegation of approval to the Building Committee, with the understanding that the next step would be for the Chairman to clear with the HHFA.

After the meeting, the Chairman called Miss Emma Brown to check on the status and the recommendations of the HHFA. She said that they would complete their review by Tuesday and that the letter would be out the next day showing the changes which are necessary in the contract documents and/or the plans and specifications.

She was asked if it would be in order for us to change the bid dates to Friday in order to open them after their letter, and she said that they could not concur in the award if we did. It would take some time for the College to provide the needed information, and after that the HHFA would have to review the new information and approve it before the bids could be opened with their concurrence. She advised the College to notify the bidders that the bid date has been extended and that the new bid date will be presented later.

In order to expedite the process as much as possible, she said that they would be happy to have a party from the College in their offices at 10 a.m. on Wednesday in order to get a flying start on the items that need additional attention. Mr. Barrick and the Project Architects will be present.

The situation was reported to the President and Mr. Wilmer Smith, Chairman of the Building Committee of the Board of Directors. Both concurred in the thought that there seems to be nothing else to do except to extend the time for bids and attempt to make arrangements for approval of a contract award by the Board, perhaps by telephone if the HHFA would accept such a procedure.

Mr. Smith was in Washington and the first report was that he could not be reached. A call was then placed to Mr. Hinn. He, too, concurred in the bid extension and thought that if the HHFA required the signatures of the Board of Directors, perhaps the contract award could be submitted by mail for signatures.

Mr. Hinn suggested that the information be relayed to Mr. DeBusk, Chairman of the Board, and it was done immediately following the conversation with Mr. Hinn. Mr. DeBusk, too, was of the opinion that there was nothing else to do except to extend the bidding time and said that attempts could be made to try to secure Board approval without a meeting.

Mr. McMurtry and Mr. Messersmith left the meeting after the discussion of this item.

2579. Museum

At the time of the meeting, the Campus Planning Committee had not received information from the President on just what is needed of the CPC, as the CPC made a recommendation some time back for the Museum site at Indiana and Fourth Street and with approval of the Board, it was accepted by the West Texas Museum Board of Directors.

2580. Playa Lakes

Dean Thomas has requested reconsideration of the CPC for the installation of the artificial playa lakes in the vicinity of the underground water recharge. In his letter of November 26, 1963, he showed that there are six research projects now which could use the artificial playa lakes and is of the opinion that there will be other research projects in the future. A copy of Dean Thomas' letter is attached to and made a part of the Minutes. (Attachment No. 505, page 1500)

The pits would be dug by the Highway Department in order to use the dirt for fill at the nearby highway crossing. In addition, the Highway Department would pay the usual price for such fill.

After consideration, the CPC voted to recommend the installation of the artificial playa lakes.

2581. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)Speech (\$459,000)

Seating bids are to be opened on December 4, 1963, but the specifications on the stage rigging have had to be reworked, and the bid will not be available.

2582. Signs on Campus

The study is not yet complete.

M. L. Pennington
Chairman

The meeting adjourned at 11:35 a.m.

C
O
P
Y

Campus Planning Committee
 December 2, 1963
 Attachment No. 505
 Item 2580

TEXAS TECHNOLOGICAL COLLEGE
 Lubbock, Texas

School of Agriculture

November 26, 1963

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

Dear Mr. Pennington:

This is a request for reconsideration of the proposal for the construction of small pits or "Modified Playa Lakes" in the lake-bed area near 4th Street and Quaker. We would urge that this item be again placed on the agenda for the December meeting of the Board.

Since water is our most important resource, we feel that this construction would help to find some badly needed answers in the field of water conservation. The pits would be used by several Departments in the School of Agriculture and the School of Engineering.

As you know, the lake-bed in question must be held for water storage in accordance with City ordinances. Pits in the lake will increase the storage and serve two other purposes - (1) research and (2) allow for fill dirt along the highway.

The following research projects deal with this problem:

1. The Economics of Conserving Water for the Production of Cotton, Grain Sorghum and Associated Crops on the Southern Plains of Texas (Agricultural Economics).
2. Evaluation of Systems Used for Well Recharge into Ogallala Formation (Agricultural Engineering).
3. Irrigation Well Efficiency and Water Table Studies on the Texas Tech Farms (Agricultural Engineering).
4. Multipurpose Modification of Playa Sinks (Entomology).
5. Feasibility of a Constructed Pit for Ground Water Recharge (Agricultural Engineering).
6. Effect of Side Slope Angle and Infiltration Rates on Silting of recharge Pit Walls (Civil Engineering).

Reconsideration by the Campus Planning Committee is requested.

Sincerely yours,

/s/ Gerald W. Thomas

Gerald W. Thomas
 Dean of Agriculture

GWT:gr(g)

cc: Dr. W. L. Ulich, Head
 Agricultural Engineering
 Campus

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

AGENDA FOR THE JOINT MEETING
OF THE CAMPUS AND BUILDING COMMITTEE AND CAMPUS PLANNING COMMITTEE
TO BE HELD AT 11 A.M. IN THE OFFICE OF THE PRESIDENT
DECEMBER 6, 1963

2583. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe
and Gordon Halls, and Central Food Facilities
(HHFA Project No. CH-TeX-180(S))

It has been necessary to extend the bid date to Wednesday, December 11, 1963, with the bids for the subcontracts to be opened in the morning and the general bids in the afternoon.

Consider means for the Board of Directors to approve a contract award without another meeting if possible.
(The HHFA has reported that any means used by the Board will be acceptable, as the method of award is no concern of that office. It could be done by phone or by mail.)

Unless the construction is started in December, it probably will be necessary to postpone the project for another year. However, the two new dormitories which will be in operation in September, 1964, are tied to the central food facilities.

2584. Nursery School

Consider the recommendation to sell the Nursery School to H. A. Padgett, the Bookstore contractor, for \$1,000 with the understanding that it will be removed from the campus. The equipment, shelving and other materials have been removed for use by the College.

2585. Playa Lake Pits

Consider the recommendation to create five pits in the existing playa lake at the northwest corner of the college farm at the site of the underground water recharge research project, the pits to be dug to specifications by the Highway Department for the material to be used as fill on the adjacent highway. In addition, the Highway Department will pay 3¢ per cubic yard for the material.

The sizes of the pits are as follows: 190' x 60', 190' x 80', 190' x 16', 190' x 70' and 130' x 240'.

2586. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)

Speech Building (\$459,000)

Auditorium Seating & Stage Rigging

Consider recommendation of a contract award to _____. A copy of the bid tabulation is attached and will be made a part of the Minutes.

*of seats
in. Amusing
reference?
Rigging?*

want to get more information on same seats which seem unusually good, will not be the cheapest but believe at the moment they will be the best buy.

Entrance Markers

Saddle Tramps - sponsored
Engaged architect, Schmidt & Stewart
Several meetings with CPC

agreed on design as shown in last CPC minutes, now checking maintenance & material cost. for next meeting - spray problem - much research yet to do. - want to get going while Tramps want to get going while present officers are in office.

I thought Board would like to see it & would be helpful if we need to move between meetings, don't have all answers yet but wanted Board to see it.

Museum - site at 4th &

Indiana extended - no. of acres?
Werner - (agreed location of museum at future expansion date (10 acres) south of 4th at Ind. Ave with meter & bounds to be discussed later) - museum comm. continues to work & go CPC - final land not to exceed 15 acres, shape unsettled, at site -

2586. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)

Speech Building (\$459,000) +

Auditorium Seating +

stage rigging

Consider recommendation of a contract award to _____

_____ . A copy of the bid tabulation
is attached and will be made a part of the Minutes.

*money approved
before,
approved before
final recommend
from Mr Armstrong
& his group*

ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK
Lubbock, Texas

BID TABULATION
AUDITORIUM SEATING FOR SPEECH BUILDING
Texas Technological College
2:00 P.M. December 4, 1963

BIDDER	BASE BID A		BASE BID B		BASE BID C			TIME	BID BOND
	MANUFACTURER AND MODEL NO.	AMOUNT	MANUFACTURER AND MODEL NO.	AMOUNT	MANUFACTURER AND MODEL NO.	NO. OF FIXED	NO. OF FOLDING	AMOUNT	
ABEL STATIONERS	Peabody #62-80 chair w/#32 Standard	\$11,798.00	Hampton #304	\$ 648.00	Peabody #62-80 and Hampton #304	421	27	\$12,446.00	2 wks. x
AMERICAN DESK	NO BID		NO BID		American Desk #2300 & Hampton #304 Riser Mount	430	27	\$12,521.20	30 days x
					American Desk #2300 & Hampton #304 Floor Mount	430	27	\$12,119.00	30 days x
AMERICAN SEATING	Am. Seating #16002 Fixed & #70 Folding	\$12,771.33	Am. Seating #16002 Fixed & #70 Folding	\$12,590.30	Am. Seating #21M Fixed & #70 Folding	421	27	\$13,996.44	14 days x
AVANTS ASSOCIATES	NO BID		NO BID		NO BID				
FOREMOST EQUIP.CO.	Ideal #810-N331AF704 and #104	\$11,689.00	Ideal #810-N331AF704 and #104	\$10,979.00	NO BID				
HERMAN MILLER	NO BID		NO BID		Herman Miller Eames & DSS-7	336	27	\$18,432.23	90 days ck. 921.60
JOE TOOMBS CO.	NO BID		NO BID		Irwin #5552 and Clarin #3417-NN-AC	421	27	\$10,621.85	75 days x

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 205

December 6, 1963

A joint meeting of the Campus Planning Committee and the Campus and Building Committee was held at 11 a.m. on December 6, 1963, in the Office of the President.

Members of the Campus and Building Committee present were Mr. Wilmer Smith, Chairman, and Mr. Harold Hinn. Other members of the Board of Directors present were Mr. Manuel DeBusk, Mr. Roy Furr, Mr. Al Allison, Mr. J. Edd McLaughlin, Mr. R. Wright Armstrong and Mr. Charles Mathews.

Members of the Campus Planning Committee present were Mr. Nolan E. Barrick and Chairman M. L. Pennington. Others present were Dr. W. M. Pearce, Mr. Robert L. Mason, Mr. John G. Taylor and Mr. R. B. Price.

In order that the results of the meeting of the Board of Directors may be included in the Campus Planning Committee Minutes for record purposes, the action taken by the Board at the meeting on December 7, 1963, will follow that of the Campus and Building Committee for each item.

2583. Entrance Marker

The developments on the Entrance Marker were presented as an informational item. Mr. Howard Schmidt of the Project Architects and Mr. Wendell Newman, Vice President of the Saddle Tramps and Chairman of the Entrance Marker Committee, were present for this item.

Events leading up to the present time were reviewed. The Saddle Tramps originated the idea and are sponsoring the Entrance Marker. They engaged the architectural firm of Schmidt and Stuart to do the design. There have been several meetings between the architects, Saddle Tramps and the Campus Planning Committee. The basic design has been recommended by the Saddle Tramps and the Campus Planning Committee, and the architects, as requested, are now checking maintenance and material costs for the next meeting. In addition, they are checking other problems such as mist from spray, and have a good bit of research to do. The Saddle Tramps want to get the project under way while the present officers are in office.

It was felt that the Board of Directors would like to see the sketch, as it would be helpful to them if it became expedient to move between meetings of the Board of Directors. All the answers are not yet available, but everyone wanted the Board members to see the design.

The consensus of the Board members present seemed to favor the design as presented.

2584. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls, and Central Food Facilities

Extended the bid date to Wednesday, December 11, 1963, and instructed the Campus Planning Committee to send out the tabulation of bids and recommendations to all members and then to call each.

Mr. Smith asked that his information be sent to him at the Highway House in Phoenix, Arizona, as he will be there.

2584. Housing (Other) and Food Service (Continued)Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls, and Central Food Facilities

It was recommended that the Board meeting be recessed and not terminated in order that the action could be a part of the meeting.

(The Board of Directors approved.)

2585. Museum

In order that past developments may be recorded, the Board approved a site at Fourth Street and Indiana extended, as a future location for the Museum. Fifteen acres are to be held in reserve and the metes and bounds are to be determined later when more is known of the Museum needs.

(The Board of Directors approved.)

2586. Nursery School

Approved the sale of the Nursery School to H. A. Padgett, the Bookstore contractor, for \$1,000, with the stipulation that he will remove the building from the campus. The equipment, shelving and other materials have been removed by the College.

(The Board of Directors approved.)

2587. Playa Lake Pits

Approved the recommendation to create five (5) pits in the existing playa lake at the northwest corner of the College Farm near the site of the underground water recharge research.

The sizes of the pits are as follows: 190' x 60', 190' x 80', 190' x 16', 190' x 70' and 130' x 240'.

(The Board of Directors approved.)

2588. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)Speech Building (\$459,000)Auditorium Seating and Stage Rigging

Approved the purchase and installation of the auditorium seating, subject to final recommendation from Mr. Armstrong and his group.

No action was taken on the stage rigging. It will be necessary to award the contract prior to the next meeting of the Board of Directors in order that the building may be opened on schedule.

(The Board of Directors approved.)

M. L. Pennington
Chairman

The meeting adjourned at 11:55 a.m.

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

MINUTES OF THE CAMPUS PLANNING COMMITTEE

Meeting No. 206 December 19, 1963

A meeting of the Campus Planning Committee was held at 9:30 a.m. on December 19, 1963, 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. R. L. Mason, Mr. O. R. Downing and Mr. John G. Taylor were present.

2589. Approval of Minutes

On motion by Mr. Urbanovsky, seconded by Mr. Barrick, the Minutes of Meetings Nos. 202, 203, 204 and 205 were approved.

2590. President's Approval of Minutes

The President approved the Minutes of Meeting Nos. 201 on November 17, 1963, 202 on November 21, 1963, 203 and 204 on December 8, 1963, and 205 on December 13, 1963.

2591. Architecture-Computer Building

No comment has been heard from the Warner Construction Company since the last communication from the College.

2592. Antenna Farm

A. Status of Illinois Contract

A copy of Dr. Spuhler's letter is attached to and made a part of the Minutes. (Attachment No. 506, page 1509)

B. Status of Stanford Project

A copy of Dr. Spuhler's letter is attached to and made a part of the Minutes. (Attachment No. 506, page 1509)

2593. Athletes Kitchen, Dining Room and Study Facilities

No change in the schedule for the athletes kitchen and dining room is contemplated at this time as it is necessary to get the consolidated kitchen and dining room in use in order to vacate the space in Sneed Hall for the Athletic Department.

It was agreed that it would be well to get the requested needs from the Athletic Department prior to the close of the spring term in order that the plans could be developed during the summer, with construction to start as soon as the facilities are available in November, 1964.

2594. Bookstore Addition (H. A. Padgett, Jr., \$238,499 - August 1, 1964)

Construction Progress

The contractor has completed the excavation and the preliminary work. The City of Lubbock has questioned whether or not the College is following the City code on interior stairs, as there is a limitation of 17 risers. The National Building Code stipulates that there shall not be over 12 feet between floors for interior stairs. After consideration, the CPC voted to request the architects to reduce the present distance between floors from 12 feet, 2 $\frac{1}{4}$ inches to 12 feet in order for the College to comply with Section 604.7(a) of the National Building Code.

2595. Building Signs

The discussion of the building signs indicated that clarification is needed, and Mr. Urbanovsky volunteered to write the Chairman of the Board in order to clarify the situation.

2596. Campus Lights for the Library, Union, Music Building, Horn, Knapp, Drane, Doak and Weeks Area

Mr. Nelson Longley, Director of the Student Union, has stated that he thinks \$1,000 could be spared from the Union Budget to help light the area, and the Ex-Students Association has expressed an interest in the lighting.

It was agreed to develop a plan for the lighting. Before the study is complete, additional checking will be done to be sure that the light standards now in use are adequate and appropriate.

2597. Classroom-Office Building

Nothing new has developed on the idea of a Classroom-Office Building.

2598. Fraternity and Sorority Lodges

It was agreed to recommend to the Board of Directors that the additional ten acres for fraternities and sororities abut the Turner tract on the north to the width of the original tract. The distance would be approximately 450' north. It was felt that it would be a superior site from the standpoint of fraternities and sororities. It would make no difference to the College whether the site were to the north or east of the Turner tract.

2599. Housing (Other) and Food Service

Consolidated Food Service Units for West, Sneed, Bledsoe and Gordon Halls, and Central Food Facilities

Bid Tabulations

On December 18, 1963, bids on the kitchen equipment, bakery equipment and material handling equipment were opened and read aloud in the Aggie Auditorium in the presence of 27 interested people. A copy of the bid tabulation is attached to and made a part of the Minutes. (Attachment No. 507, page 1510)

The CPC agreed that the following were the low contractors:

Kitchen equipment - Commercial Kitchens, Inc.
Houston - \$162,720.00

Bakery equipment - American Products Company
Dallas - \$166,235.05

Material handling equipment - Bivens & Company
Amarillo - \$23,516.00

Grand Total: \$352,471.05

After lengthy consideration, the CPC agreed to recommend the acceptance of the alternates to the covered walkways and the paved courtyards. If the recommendation of the CPC is accepted, J. R. Francis, General Contractor, Inc., El Paso, would be the low bidder, in the amount of \$1,477,866.05.

In view of the very close nature of the bids, it was agreed that tabulations would be incorporated in the Minutes showing the complete breakdown if the alternates are accepted and the conditions if the alternates are not accepted. If the alternates are not

2599. Housing (Other) and Food Service (continued)

Consolidated Food Service Units for West, Sneed, Bledsoe
and Gordon Halls, and Central Food Facilities

accepted, H. A. Lott, Inc., will be the low bidder. The breakdown is attached to and made a part of the Minutes. (Attachment No. 508., page 1511)

(All subject to HHFA approval).

It was agreed, in view of the complications of the bids, that it would be better to send tabulations by air mail to the Board of Directors prior to calling.

Mr. Mason entered the meeting.

2600. Infirmary

(Dr. Kallina entered the meeting for discussion of this item and left after it was over.)

Mr. Barrick presented several drawings of possible schemes to be used in the extension, and it was agreed that the greatest need will be for additional beds. Dr. Kallina took the various plans to study and will convey his thoughts at the January meeting of the Campus Planning Committee.

The CPC agreed to make its recommendation to the Board of Directors at the February meeting.

2601. Killgore Beef Cattle Center

A. Center (Walter E. Wirtz, \$378,839)

Status

Mr. Barrick reported that a call has been received from Mr. George Short, the Project Architect, this morning, in which he stated that the contractor is through with the exception of a few items and requested a final inspection.

It was agreed to tentatively set the inspection date on January 7, 1964.

B. Feed Mill

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

The first floor foundation has been poured, and some of the steel is in place.

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

The contractor can do very little at the site.

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

The contractor is working on the system but can do very little at the site.

C. Roads, Parking and Landscaping

Some changes have been made in the planning and Mr. Urbanovsky reported that it is necessary to send another party to the site to set the final grades. The plans will be released in the early part of January for bidding purposes.

2601. Killgore Beef Cattle Center (continued)D. Equipment

A list of furniture and equipment is being prepared.

E. Plaques

Mr. Butterfield is to discuss the location with Mr. Weymouth.

2602. Museum

Apparently there have been no developments since the last meeting of the Board of Directors and the official reservation of 15 acres.

2603. Naval Training Center

An amended, proposed lease agreement with the Navy has been sent to Lt. Hal Pilgrim, Acting Commander of the local Training Center, with the request that he send the amended lease agreement to New Orleans for approval.

Lt. Pilgrim was also requested to have New Orleans draw up an agreement as to the Government's proposed disposition of the present training center facilities.

2604. Playa Lake PitsA. Contract

Mr. DeShazo of the State Highway Department is transmitting the agreement between the Highway Department and the College to Austin for signature.

B. Digging of the Pits

Dean Thomas was requested to let the Campus Planning Committee know if he thinks that his staff can supervise the project properly and, if so, how he proposed to do it.

2605. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)A. Psychology (\$452,000)Construction Progress

The contractor is well along with the project, and it looks as if he will meet the January 22, 1964, completion date without problems.

B. Speech (\$459,000)1. Construction Progress

The progress on the clinical portion is very good, although the progress on the auditorium may be sagging a bit at the moment. It looks as if the contractor could meet his completion date of January 22, 1964.

2. Seating

(Mr. Howard Schmidt and Mr. Bob Messersmith entered the meeting.)

In keeping with the wishes of the group from the Board of Directors, it was agreed to order the chairs from the American Seating Company, in the amount of \$12,963.44.

The original quotation was \$13,261 for 421 fixed seats in sizes 20" and 21" at a unit cost of \$31.52. The revised quotation is for 308 22" chairs and 84 21" chairs, making a total of 392 at \$33.07 each. The chairs are to be riser mounted, and the end standards floor mounted. The automatic seat riser due to the acoustical properties of the seats has been deleted.

2605. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)

B. Speech (\$459,000)

2. Seating (continued)

Provisions for the row number and seat number have been added. The arms are to be changed from plastic to wood, and the end standards will be formica, with an aisle light.

Also, in keeping with the Board's wishes, it was agreed to purchase 75 folding chairs from Abel Stationers at \$24 each, a total of \$1,800.

3. Stage Rigging

At 2 p.m. on December 18, 1963, bids on the stage rigging were opened and read aloud in the presence of 14 interested people. Only the Texas Scenic Company, Inc., of San Antonio submitted a bid and five firms requested bids, but only one firm bid, probably because there was a conflicting bid at LSU, and it was larger than ours.

Since the auditorium cannot be used until the rigging is installed and the building will be ready for occupancy in February, it was necessary to see if it would be possible to reduce the lease bid from \$34,777 to somewhere near the original estimate of \$20,000, which was set after discussion with stage rigging firms.

The architects and the Speech people worked last evening with the representative of the Texas Scenic Company in an attempt to lower the cost without drastically reducing the operation.

The revised offer of the Texas Scenic Company is attached to and made a part of the Minutes. (Attachment No. 509, page 1512)

After a very lengthy discussion, the CPC felt that the deletion of all the items listed would result in a less-than-desirable operation.

It was agreed to accept the deductions as shown, with the exception of the \$3,228 for the deletion of the black cyclorama curtains and \$461 for the deletion of the foyer light control curtains. Also, it was agreed that the two lighting towers would be made outside of the bid. The recommendation would bring the total to approximately \$26,368.

The architects explained that Mr. Martin of the Texas Scenic Company gave them his price sheet from which he originally bid to arrive at the above amounts, and, in each case, they all feel that the prices are fair and reasonable and are exactly as he included them in his original bid. Also, it was agreed that Mr. Barrick would check the recommendations with the personnel of the Speech Department for their concurrence before making the final recommendation.

C. Utility Lines

Mr. Mason reported that the final inspection for the utility lines on the Speech and Psychology, in addition to Project No. CH-Tex-150(D), Units B and C, is scheduled for December 20, 1963.

Mr. Mason left the meeting.

2605. Psychology and Speech (H. A. Lott, Inc., \$911,000 - January 22, 1964)
(continued)

D. Walks, Drives and Parking

Mr. Urbanovsky presented several plans and the general pattern was agreed upon. He is to refine the plan and make cost estimates. As soon as the information is available, he is to notify the CPC in order that action may be taken between meetings.

The meeting recessed at 12:30 p.m., and reconvened
at 1:15 p.m.

2606. Space for Traffic-Security

Traffic-Security is experiencing a considerable problem in lack of space due to the extreme growth and activities, and tentative studies have been made of possible corrections - one being a separate building. Insufficient funds are available now for such a building but it was agreed that it would be well to keep the study alive.

2607. Underground Classrooms

Mr. Urbanovsky thought that it might be well to study the possibility of three or four stories of buildings underground and a resulting network of underground facilities connecting various buildings. Part of the thought was, with air-conditioning, and the quality of lighting now available, that there would be interesting possibilities of such developments.

2608. Wage Scale

After consideration, it was felt that the College is in compliance with the minimum wage scale, as required by the State Law. It seems that nothing needs to be done by the College at this time. The local Unions and the Trades Council from Dallas are attempting to get the City of Lubbock, the Public Schools and the College to raise the minimum wage rates.

2609. Walks in Front of the Administration Building, Chemistry Building and Social Sciences Building Area

The walks in front of the Administration Building are, in places, wholly inadequate, and Mr. Urbanovsky and his staff are studying possibilities of improving the walks and the appearance. A report will be made later.

M. L. Pennington
Chairman

The Campus Planning Committee adjourned at 2:15 p.m.

Campus Planning Committee
December 19, 1963
Attachment No. 506
Item 2592

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

Department of Electrical Engineering

December 16, 1963

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

Dear Mr. Pennington:

Attached you will find status reports on the Illinois and Stanford projects. I regret there is little progress on the Illinois project because of the licensing problem. On the other hand, progress is quite satisfactory on the work with Stanford.

Since both agreements terminate at the end of this month, I do need to talk with you about renewal. Both Illinois and Stanford have advised the work is to be continued. I think we need to review the details of the renewal agreements in the light of our experience during the past year.

Sincerely,

/s/ H. A. Spuhler

H. A. Spuhler, Head
Electrical Engineering Department

HAS:11(b)
Enclosures

STATUS REPORT: Account No. 391-3270

Ionospheric Propagation Research (Illinois)

1. Work during the fall semester has been limited to keeping the master oscillator tracking the WWV signal in order to maintain time references. The transmitting equipment is all installed and ready for operation as soon as a license modification can be obtained. The transmitter was licensed on July 23, 1963, under call letters KK2XJS but a number of the frequencies requested were not allowed. The University of Illinois applied for a modification of their license in August, 1963. On October 30, 1963, the University of Illinois resubmitted their application for modification and later advised us to go ahead and submit our own request without waiting for the clearance on the Illinois transmitter. Our application is being processed this week.
2. We have been advised by telephone (October) that the contract would be renewed; however, instructions about renewal procedures have not been received. We expect to have a letter of authorization this week at the very latest.
3. Additional equipment, including a target transmitter, is to be shipped to us in the near future. This equipment is to be placed in the existing space and no new facilities or antennas will be needed.

Submitted by: H. A. Spuhler, Head
Electrical Engineering Department

STATUS REPORT: Account No. 391-3280

Ionospheric Propagation Research (Stanford)

1. Work on this project has been interrupted from time to time to rework and modify the antenna system. In addition, the electronic equipment has been giving trouble but, with several circuit modifications and recabling of units, the equipment is in good working order and the RTW data since September has been good. We have never had any trouble with the direct-path equipment.
2. The direct-path phase of the project has been completed and the CW transmitter returned to Stanford. Results of this phase have been excellent. A Stanford report on this activity is now in process.
3. The RTW phase of the project is continuing. We expect at least two more years of operation before sufficient data has been accumulated to justify stopping the work. For this phase, all of the receiver equipment and the receiving antennas are needed, hence they are still on hand. This phase of the project is under the direction of Dr. Robert Fenwick at Stanford. The renewal agreement will be negotiated thru him. We expect to process this prior to January 1, 1964.

Submitted by: H. A. Spuhler, Head
Electrical Engineering Department

CONSOLIDATION OF FOOD SERVICE UNITS &
 CENTRAL FOOD FACILITIES
 TEXAS TECHNOLOGICAL COLLEGE
 H.H.F.A. PROJECT CH-TEX-180(S)
 ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
 KITCHEN EQUIPMENT
 December 18, 1963
 2 p.m.

KITCHEN EQUIPMENT

BIDDER	ACK. 4 ADD.	SUBTOTAL FIXED	SUBTOTAL PORTABLE	GRAND TOTAL - BASE BID	BID SECURITY
American Products Co.					
**Bivens & Company	X	\$ 126,244.00	\$ 45,201.00	\$ 171,445.00	X
***Commercial Kitchens, Inc.	X	121,847.00	40,873.00	162,720.00	X
*Dallas Fountain & Fixture Co.	X	128,421.06	42,014.54	170,435.60	X
Fort Worth Hotel & Supply	X	138,804.20	46,885.63	185,689.83	X
National Restaurant Supply	X	127,327.18	42,871.36	170,198.54	X

* Deduct \$3,000 if awarded all kitchen equipment and food handling equipment.

** See Bivens' letter on deducts for total award (\$7,538.00 total).

*** See letter re connection credit, etc., in amount of \$1,450.00

CONSOLIDATION OF FOOD SERVICE UNITS &
CENTRAL FOOD FACILITIES
TEXAS TECHNOLOGICAL COLLEGE
H.H.F.A. PROJECT CH-TEX-180(S)
ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
BAKERY EQUIPMENT &
MATERIAL HANDLING EQUIPMENT
December 18, 1963
2 p.m.

BAKERY EQUIPMENT

BIDDER	ACK. 4 ADD.	SUBTOTAL FIXED	SUBTOTAL PORTABLE	GRAND TOTAL - BASE BID	BID SECURITY
American Products Company	X	\$ 127,569.30	\$ 38,665.75	\$ 166,235.05	X
Bivens & Company	X	134,915.00	34,552.00	169,467.00	X
Commercial Kitchens, Inc.					
Dallas Fountain & Fixture Co.					
Fort Worth Hotel & Supply					
National Restaurant Supply					

MATERIAL HANDLING EQUIPMENT

BIDDER	ACK. 4 ADD.	SUBTOTAL FIXED	SUBTOTAL PORTABLE	GRAND TOTAL - BASE BID	BID SECURITY
American Products Company					
Bivens & Company	X			\$ 23,516.00	X
Commercial Kitchens, Inc.					
Dallas Fountain & Fixture Co.	X	\$ 975.60		24,996.60	X
Fort Worth Hotel & Supply					
National Restaurant Supply					

CONSOLIDATION OF FOOD SERVICE UNITS &
 CENTRAL FOOD FACILITIES
 TEXAS TECHNOLOGICAL COLLEGE
 H.H.F.A. PROJECT CH-TEX-180(S)
 ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
 GENERAL CONSTRUCTION
 December 11, 1963
 3:00 P.M.

GENERAL CONSTRUCTION

BIDDER	ACK. 3 ADD.	BASE BID	ALTERNATE # 1	ALTERNATE # 2	ALTERNATE # 3	FEE FOR SUBS.	BID SEC.
J. R. Francis	X	\$ 817,745	(-) \$ 7,403	(-) \$ 66,440	(-) \$ 122,201	0	X
A. P. Kasch & Sons	X	856,837	(-) 8,416	(-) 65,391	(-) 118,940	5%	X
H. A. Lott	X	787,000	(-) 7,200	(-) 57,500	(-) 108,000	3%	X
H. A. Padgett	X	788,963	(-) 6,286	(-) 57,500	(-) 100,000	3%	X
Rose Construction Company	X	822,950	(-) 5,000	(-) 51,000	(-) 90,000	2%	X
V & N Construction Company	X	826,960	(-) 7,800	(-) 57,800	(-) 111,000	1.75%	X

ALTERNATES:

- ALTERNATE # 1: Omits courtyard paving.
 ALTERNATE # 2: Omits enclosed walkway.
 ALTERNATE # 3: Omits enclosed walkway and four stair towers.

CONSOLIDATION OF FOOD SERVICE UNITS
& CENTRAL FOOD FACILITIES
TEXAS TECHNOLOGICAL COLLEGE
H.H.F.A. PROJECT CH-TEX-180(s)
ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
MECHANICAL & ELECTRICAL
December 11, 1963
10 A.M.

MECHANICAL CONSTRUCTION

BIDDER	ACK. 4 ADD.	BASE BID	ALTERNATE #1	ALTERNATE #2	ALTERNATE # 3	BID SECURITY
ANTHONY COMPANY	X	\$294,400	Does	(-) \$100	(-) \$1,600	X
A. P. KASCH & SONS	X	327,336	not	(-) 90	(-) 617	X
ROUNDTREE COMPANY	X	289,700	apply	(-) 175	(-) 1,350	X
R. M. WELLS	X	284,578		(-) 258	(-) 1,371	X
<u>ELECTRICAL CONSTRUCTION</u>						
BIDDER	ACK. 4 ADD.	BASE BID	ALTERNATE #1	ALTERNATE #2	ALTERNATE #3	BID SECURITY
AMCO ELECTRIC	X	\$106,649	Does	(-) 1,971	(-) 3,745	X
BOSS-LINAM ELECTRIC, INC.	X	99,656	not	(-) 1,917	(-) 3,277	X
CLARK ELECTRIC	X	98,546	apply	(-) 1,373	(-) 3,117	X
MODERN ELECTRIC						
CHARLES NELSON	X	106,386		(-) 1,650	(-) 3,450	X
JACK NELSON	X	150,560		(-) 2,632	(-) 3,920	X
PETERSON ELECTRIC CORP.	X	105,929		(-) 1,192	(-) 2,260	X
JOHN C. PICKETT	X	113,147		(-) 1,460	(-) 2,970	X
TARVER ELECTRIC	X	103,900		(-) 2,500	(-) 4,000	X

ALT. #1 - Omits courtyard paving. ALT. #2 - Omits enclosed walkway. ALT. #3 - Omits enclosed walkway and stairs.

Consolidated Food Service Units for West, Sneed, Bledsoe
and Gordon Halls, and Central Food Facilities
Project CH-Tex-180(S)

December 19, 1963

	<u>H. A. Lott</u>		<u>J. R. Francis</u>	
Mechanical Bid (R. M. Wells Company)	\$ 284,578.00	\$ 284,578.00	\$ 284,578.00	\$ 284,578.00
Less Alternate No. 2 - Covered Walks		<u>258.00*</u>		<u>258.00*</u>
		\$ 284,320.00		\$ 284,320.00
Electrical Bid (Clark Electric)	98,546.00	98,546.00	98,546.00	98,546.00
Less Alternate No. 2 - Covered Walks		1,373.00*		1,373.00*
Equipment				
Kitchen (Commercial Kitchens)	162,720.00	162,720.00	162,720.00	162,720.00
Bakery (American Products)	166,235.05	166,235.05	166,235.05	166,235.05
Material Handling (Bivens)	<u>23,516.00</u>	<u>23,516.00</u>	<u>23,516.00</u>	<u>23,516.00</u>
Total Subcontracts	\$ 735,595.05	\$ 733,964.05	\$ 735,595.05	\$ 733,964.05
General Contractor	787,000.00	787,000.00	817,745.00	817,745.00
Less Alternate No. 1 (Paved Courtyard)		7,200.00*		7,403.00*
Less Alternate No. 2 (Covered Walks)		57,500.00*		66,440.00*
Plus Handling Fee to Supervise Subcontractors	<u>22,067.85</u>	<u>22,018.92</u>	<u>-----</u>	<u>-----</u>
Total Construction Cost	\$1,544,662.90	\$1,478,282.97	\$1,553,340.05	\$1,477,866.05
Amount in HHFA Application for Construction & Equipment	<u>1,516,900.00</u>	<u>1,516,900.00</u>	<u>1,516,900.00</u>	<u>1,516,900.00</u>
	\$ 27,762.90*	\$ 38,617.03	\$ 36,440.05*	\$ 39,033.95
	(a)			(b)

- (a) Low bidder if alternates are not taken. The \$27,762.90 plus the extra on portable equipment would have come from college funds.
- (b) Low bidder if alternates are taken. HHFA portion of project would be within the total funds available.
- * Deduct

Footnote:

<u>Equipment</u>		
<u>Fixed</u>	<u>Portable</u>	<u>Total</u>
\$ 237,498.00	\$ 114,973.05 (1)	\$ 352,471.05

- (1) Must come from college funds and is \$26,073.05 above estimated costs.

CONSOLIDATION OF FOOD SERVICE UNITS &
 CENTRAL FOOD FACILITIES
 TEXAS TECHNOLOGICAL COLLEGE
 H.H.F.A. PROJECT CH-TEX-180(S)
 ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
 KITCHEN EQUIPMENT
 December 18, 1963
 2 p.m.

KITCHEN EQUIPMENT

BIDDER	ACK. 4 ADD.	SUBTOTAL FIXED	SUBTOTAL PORTABLE	GRAND TOTAL - BASE BID	BID SECURITY
American Products Co.					
**Bivens & Company	X	\$ 126,244.00	\$ 45,201.00	\$ 171,445.00	X
***Commercial Kitchens, Inc.	X	121,847.00	40,873.00	162,720.00	X
*Dallas Fountain & Fixture Co.	X	128,421.06	42,014.54	170,435.60	X
Fort Worth Hotel & Supply	X	138,804.20	46,885.63	185,689.83	X
National Restaurant Supply	X	127,327.18	42,871.36	170,198.54	X

* Deduct \$3,000 if awarded all kitchen equipment and food handling equipment.

** See Bivens' letter on deducts for total award (\$7,538.00 total).

*** See letter re connection credit, etc., in amount of \$1,450.00

CONSOLIDATION OF FOOD SERVICE UNITS &
CENTRAL FOOD FACILITIES
TEXAS TECHNOLOGICAL COLLEGE
H.H.F.A. PROJECT CH-TEX-180(S)
ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
BAKERY EQUIPMENT &
MATERIAL HANDLING EQUIPMENT
December 18, 1963
2 p.m.

BAKERY EQUIPMENT

BIDDER	ACK. 4 ADD.	SUBTOTAL FIXED	SUBTOTAL PORTABLE	GRAND TOTAL - BASE BID	BID SECURITY
American Products Company	X	\$ 127,569.30	\$ 38,665.75	\$ 166,235.05	X
Bivens & Company	X	134,915.00	34,552.00	169,467.00	X
Commercial Kitchens, Inc.					
Dallas Fountain & Fixture Co.					
Fort Worth Hotel & Supply					
National Restaurant Supply					

MATERIAL HANDLING EQUIPMENT

BIDDER	ACK. 4 ADD.	SUBTOTAL FIXED	SUBTOTAL PORTABLE	GRAND TOTAL - BASE BID	BID SECURITY
American Products Company					
Bivens & Company	X			\$ 23,516.00	X
Commercial Kitchens, Inc.					
Dallas Fountain & Fixture Co.	X	\$ 975.60		24,996.60	X
Fort Worth Hotel & Supply					
National Restaurant Supply					

CONSOLIDATION OF FOOD SERVICE UNITS &
 CENTRAL FOOD FACILITIES
 TEXAS TECHNOLOGICAL COLLEGE
 H.H.F.A. PROJECT CH-TEX-180(S)
 ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
 GENERAL CONSTRUCTION
 December 11, 1963
 3:00 P.M.

GENERAL CONSTRUCTION

BIDDER	ACK. 3 ADD.	BASE BID	ALTERNATE # 1	ALTERNATE # 2	ALTERNATE # 3	FEE FOR SUBS.	BID SEC.
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A. P. Kasch & Sons	X	856,837	(-) 8,416	(-) 65,391	(-) 118,940	5%	X
H. A. Lott	X	787,000	(-) 7,200	(-) 57,500	(-) 108,000	3%	X
H. A. Padgett	X	788,963	(-) 6,286	(-) 57,500	(-) 100,000	3%	X
Rose Construction Company	X	822,950	(-) 5,000	(-) 51,000	(-) 90,000	2%	X
V & N Construction Company	X	826,960	(-) 7,800	(-) 57,800	(-) 111,000	1.75%	X

ALTERNATES:

- ALTERNATE # 1: Omits courtyard paving.
 ALTERNATE # 2: Omits enclosed walkway.
 ALTERNATE # 3: Omits enclosed walkway and four stair towers.

CONSOLIDATION OF FOOD SERVICE UNITS
& CENTRAL FOOD FACILITIES
TEXAS TECHNOLOGICAL COLLEGE
H.H.F.A. PROJECT CH-TEX-180(s)
ASSOCIATED ARCHITECTS & ENGINEERS OF LUBBOCK

BID TABULATION
MECHANICAL & ELECTRICAL
December 11, 1963
10 A.M.

MECHANICAL CONSTRUCTION

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A. P. KASCH & SONS	X	327,336	not	(-) 90	(-) 617	X
ROUNDTREE COMPANY	X	289,700	apply	(-) 175	(-) 1,350	X
R. M. WELLS	X	284,578		(-) 258	(-) 1,371	X
<u>ELECTRICAL CONSTRUCTION</u>						
BIDDER	ACK. 4 ADD.	BASE BID	ALTERNATE #1	ALTERNATE #2	ALTERNATE #3	BID SECURITY
AMCO ELECTRIC	X	\$106,649	Does	(-) 1,971	(-) 3,745	X
BOSS-LINAM ELECTRIC, INC.	X	99,656	not	(-) 1,917	(-) 3,277	X
CLARK ELECTRIC	X	98,546	apply	(-) 1,373	(-) 3,117	X
MODERN ELECTRIC						
CHARLES NELSON	X	106,386		(-) 1,650	(-) 3,450	X
JACK NELSON	X	150,560		(-) 2,632	(-) 3,920	X
PETERSON ELECTRIC CORP.	X	105,929		(-) 1,192	(-) 2,260	X
JOHN C. PICKETT	X	113,147		(-) 1,460	(-) 2,970	X
TARVER ELECTRIC	X	103,900		(-) 2,500	(-) 4,000	X

ALT. #1 - Omits courtyard paving. ALT. #2 - Omits enclosed walkway. ALT. #3 - Omits enclosed walkway and stairs.

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

Stiles, Roberts & Messersmith
Swift 5-6431

McMurty & Craig
Swift 5-5662

Schmidt & Stuart
Porter 5-8881

FOOD EQUIPMENT BID ANALYSISPage 1

ORIGINAL PROPOSALS - LOW BIDDERS:

	FIXED	PORTABLE	TOTAL
1. Kitchen Equipment			
Commercial Kitchens, Inc.	\$121,847.00	\$40,873.00	\$162,720.00
2. Bakery Equipment			
American Products Co.	127,569.30	38,665.75	166,235.05
3. Material Handling Equipment			
Bivens & Company	<u>6,568.00</u>	<u>16,948.00</u>	<u>23,516.00</u>
	\$255,984.30	\$96,486.75	\$352,471.05

PROPOSALS WITH ITEMS 7, 8, 32, 34 & 45 changed to portable:

Item #7 = \$ 7,040.00 - Roll Divider & Rounder
 Item #8 = 3,903.30 - Twin Roll Moulder
 Item #32 = 1,010.00 - Milk Pie Filler
 Item #34 = 1,633.00 - Cake Depositor
 Item #45 = 4,900.00 - Pan Greasing Machine
 \$18,486.30

All items are in Bakery Equipment Bid:

Therefore: Revised totals are as follows:

2. Bakery Equipment	<u>\$109,083.00</u>	<u>\$ 57,152.05</u>	<u>\$166,235.05</u>
NEW TOTALS	\$237,498.00	\$114,973.05	\$352,471.05

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

Stiles, Roberts & Messersmith
Swift 5-6431

McMurtry & Craig
Swift 5-5662

Schmidt & Stuart
Porter 5-8881

FOOD EQUIPMENT BID ANALYSISPage 2

BASE BID ONLY - INCLUDING ALL SUBS & EQUIPMENT

NOTE: Following totals do not include bond for Food Equipment (\$2,291.06)

	<u>H. A. Lott</u>	<u>J. R. Francis</u>
General Construction	\$ 787,000.00	\$ 817,745.00
Mechanical	284,578.00	284,578.00
Electrical	98,546.00	98,546.00
Kitchen Equipment	162,720.00	162,720.00
Bakery Equipment	166,235.05	166,235.05
Material Handling Equipment	23,516.00	23,516.00
3% of Subs	<u>22,067.85</u>	<u>0.00</u>
 TOTAL	 \$1,544,662.90	 \$1,553,340.05

WITH ALTERNATE #1:

G. C. (Court Paving)	<u>779,800.00</u>	<u>\$ 810,342.00</u>
Others Same as Above		
 TOTAL	 \$1,537,462.90	 \$1,545,937.05

WITH ALTERNATE #2: (ONLY)

G. C.	729,500.00	751,305.00
Mechanical	284,320.00	284,320.00
Electrical	97,173.00	97,173.00
Total of Food Equipment	352,471.05	352,471.05
3%	<u>22,018.92</u>	<u>0.00</u>
 TOTAL	 \$1,485,482.97	 \$1,485,269.05

WITH ALTERNATE #1 & #2:

G.C.	\$ 722,300.00	\$ 743,902.00
All Subs + %	<u>755,982.97</u>	<u>733,964.05</u>
 TOTAL	 \$1,478,282.97	 \$1,477,866.05

Consolidated Food Service Units for West, Sneed, Bledsoe
and Gordon Halls, and Central Food Facilities
Project CH-Tex-180(S)

December 19, 1963

	<u>H. A. Lott</u>		<u>J. R. Francis</u>	
Mechanical Bid (R. M. Wells Company)	\$ 284,578.00	\$ 284,578.00	\$ 284,578.00	\$ 284,578.00
Less Alternate No. 2 - Covered Walks		<u>258.00*</u>		<u>258.00*</u>
		\$ 284,320.00		\$ 284,320.00
Electrical Bid (Clark Electric)	98,546.00	98,546.00	98,546.00	98,546.00
Less Alternate No. 2 - Covered Walks		1,373.00*		1,373.00*
Equipment				
Kitchen (Commercial Kitchens)	162,720.00	162,720.00	162,720.00	162,720.00
Bakery (American Products)	166,235.05	166,235.05	166,235.05	166,235.05
Material Handling (Bivens)	<u>23,516.00</u>	<u>23,516.00</u>	<u>23,516.00</u>	<u>23,516.00</u>
Total Subcontracts	\$ 735,595.05	\$ 733,964.05	\$ 735,595.05	\$ 733,964.05
General Contractor	787,000.00	787,000.00	817,745.00	817,745.00
Less Alternate No. 1 (Paved Courtyard)		7,200.00*		7,403.00*
Less Alternate No. 2 (Covered Walks)		57,500.00*		66,440.00*
Plus Handling Fee to Supervise Subcontractors	<u>22,067.85</u>	<u>22,018.92</u>	<u>-----</u>	<u>-----</u>
Total Construction Cost	\$1,544,662.90	\$1,478,282.97	\$1,553,340.05	\$1,477,866.05
Amount in HHFA Application for Construction & Equipment	<u>1,516,900.00</u>	<u>1,516,900.00</u>	<u>1,516,900.00</u>	<u>1,516,900.00</u>
	\$ 27,762.90*	\$ 38,617.03	\$ 36,440.05*	\$ 39,033.95
	(a)			(b)

- (a) Low bidder if alternates are not taken. The \$27,762.90 plus the extra on portable equipment would have come from college funds.
- (b) Low bidder if alternates are taken. HHFA portion of project would be within the total funds available.
- * Deduct

Footnote:

<u>Equipment</u>		
<u>Fixed</u>	<u>Portable</u>	<u>Total</u>
\$ 237,498.00	\$ 114,973.05 (1)	\$ 352,471.05

- (1) Must come from college funds and is \$26,073.05 above estimated costs.

Campus Planning Committee
December 19, 1963
Attachment No. 509
Item 2605-B-3

TEXAS SCENIC COMPANY
1419 W. Mulberry
San Antonio 1, Texas

December 19, 1963

Associated Architects & Engineers
Mr. Howard W. Schmidt
1602 Avenue Q
Lubbock, Texas

RE: Stage Equipment and Accessories
Speech Department Facilities Theater
Texas Technological College

Gentlemen:

Thank you very much for having invited us to quote you on the above-named project.

In response to your request, we are pleased to offer the enclosed list of potential deletions from the desired equipment to reduce the total cost from the original basebid of \$34,777 to the general vicinity of \$20,000 to \$22,000. We trust you will favorably accept the enclosed list.

In listing these deletions, we would point out two particular items on which there may be a possible change later. One concerns the velour. Our original quotation was based on a special price we were able to obtain from Piedmont Plush Mills on the required velour, the special price being based on a total quantity of approximately 1500 yards of velour. The revised bid price will reduce that yardage considerably, and it is possible we will have to pay the regular price for the fabric. This would increase the cost of the velour to us by about \$400. (See attached letter from Piedmont) The other point concerns freight costs. Our original base bid was based on a special freight quotation from our hardware supplier - his quotation being based on "truckload" quantity with a private carrier. The deletion of a portion of the counterweight system will, of course, reduce the total weight, and there is a possibility the cost of freight for "less-than-truckload" may not reduce the cost at all - a matter of \$150 to \$200.

We would request that should we have to pay additional money for either velour or freight that we be reimbursed only for the actual "out-of-pocket" expense (no overhead or profit requested on this item) we incur.

Based on these figures, we are willing to enter into a contract with the Owner, and to expedite matters, we ask only that a "letter of intent" be given us at this time so that we may immediately place our orders for materials and get this job on the road in order to complete on schedule.

Again, thanking you for your consideration, we are

Sincerely yours,

TEXAS SCENIC COMPANY, INC.

Glenn C. Martin, Jr.

TEXAS SCENIC COMPANY

Base Bids	\$ 34,777.00
Less Alternate # 1, 2, 3, & 4	- 4,408.00
Base Bid Less Alternates	30,369.00
Substitute Guard Rail for Pin Rail	- 140.00
Balance of Base Bid	30,229.00
Delete Black Cyclorama Curtains, except Leave rear and 3 Borders	- 3,228.00 ✓
Balance of Base Bid	27,001.00
Change Cyclorama Velour from "Saluda" to "Cameron"	- 163.00
Balance of Base Bid	26,838.00
Delete Foyer Light Control Curtains	- 461.00 ✓
Balance of Base Bid	26,377.00
Delete Black Cyclorama on Side Stages	- 565.00 ✓
Balance of Base Bid	25,812.00
Delete seven (7) auxiliary counterweight sets	- 3,255.00
Balance of Base Bid	22,557.00
Estimated savings on freight to job	- 150.00
Balance of Base Bid	22,407.00
Estimated savings on installation labor	- 528.00
Balance after all deductions	\$ <u>21,879.00</u>

Each of the above itemized deductions include material, labor, freight, overhead and profit.

/s/ Glenn C. Martin, Jr.