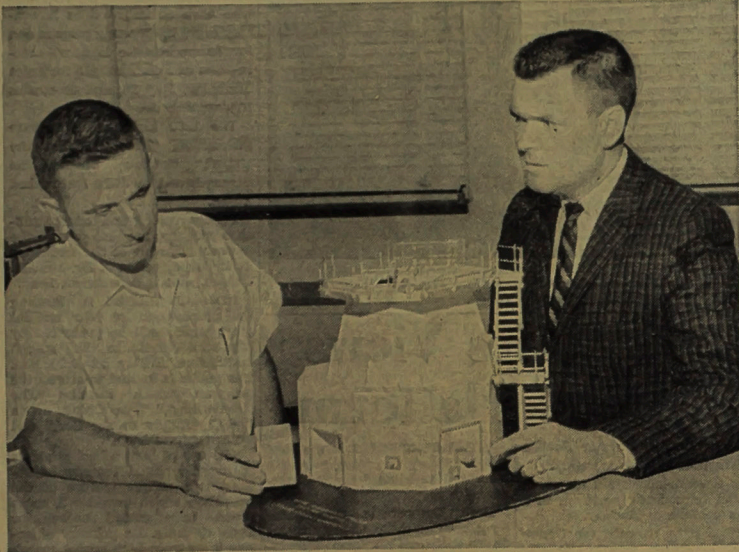


Increase In Nuclear Facilities Approved



TECH REACTOR PERMIT SCHEDULED

Dr. Henry Thomas, Physics dept. head, (L) and John R. Bradford, Dean of Engineering, take another look at the nuclear reactor model.

AEC Favors Atomic Reactor At Tech

The Atomic Energy Commission has disclosed plans to issue a permit to Tech for the construction of a training reactor on campus.

The permit will call for a 10 kilowatt terminal pool-type reactor, water moderated and cooled. It will be powered by an

enriched uranium-aluminum alloy and will be used for instruction in nuclear engineering and related sciences.

The Tech reactor program has been granted, by the Commission, \$97,000 for special nuclear equipment which has been purchased and installed during the past two years, John R. Bradford, dean of engineering, reported.

Unless a request for a hearing is filed with the commission by Aug. 2, the construction permit for Tech's reactor will be issued.

THE REACTOR will be housed in what will become the Nuclear Reactor and Chemical Engineering Building. The Chemical Engineering part of the building is now under construction near the Computer-Architect Building project. The reactor enclosure will be added when funds are made available.

The reactor will be designed and constructed by Convair Division of General Dynamics Corp., Fort Worth.

Trip Ticket Sales Open Fall Term

Tickets for the 1960 school trip will be sold in the registration lines for the fall semester, Larry Campbell, Student Council Business manager, announced.

The Texas Tech-University of Texas football game in Austin on Oct. 1, has been selected as the destination for the annual event.

STUDENTS purchasing tickets for the trip will board buses in front of the Tech Union at 7 a.m. Oct. 1 and arrive in Austin approximately eight hours later.

After the Saturday night game, Techsans are scheduled to begin the return journey at 1 a.m. Twelve chartered buses are available for the trip, and a sponsor will be provided for each bus.

Kicking off the event will be a pep rally on campus before departure and another upon arrival in Austin.

Registration Totals 2697

Enrollment for the second six-weeks term at Texas Tech's 1960 Summer Session totals 2,697, Dr. Floyd Boze, dean of admissions and registrar, has announced.

Late registration was completed at 4 p.m. Monday marking the final lap of Tech's 1959-60 academic year.

The first six-weeks term of this summer session has a record enrollment of 3,661.

This session will have three Saturdays devoted to instruction—on July 23, July 30 and Aug. 6. Final exams will be given Aug. 17-18 and the 1960 Summer Commencement will be held Aug. 20.

Among the special activities on campus during the second summer term are workshops or short courses in teaching nutrition, July 13-19; directing speech activities, July 13-29; dramatics and forensics, July 18-19; psychology, introduction to projective techniques, July 25-Aug. 6; home furnishings, Aug. 1-20; high school newspaper and yearbooks, Aug. 14-18, and school lunch planning, Aug. 29-Sept. 2.

Golfing Resumes After Heavy Rain

Competition will resume in the Tech Union sponsored miniature golf tournament Sunday after having been delayed by recent heavy rainfall, Miss Jane Gentry, Union program director, reports.

Playoffs will begin at 4 p.m. for those students who wish to remain in the tournament and have yet to complete their final rounds. There is no charge for tournament entrants at the Par-Tee-Putt golf course in the Town and Country shopping center where the contest is scheduled.

FOR TECH COMPUTER

Relay Racks Smashed

Four computer relay racks destined for the Data Processing Center in the new Computer-Architecture Building smashed into the street Friday when one wheel of the transport truck sank into a chuck-hole.

College officials and Bell Laboratory representatives are still in the process of evaluating the damage to the 6000-pound racks which composed the calculating section of a Bell Laboratory, Model V, computer.

The computer is one of the two constructed for the government in 1946 at a cost of \$980,000. Only two of the Model V computers were assembled, John R. Bradford, dean of engineering, reported.

"The present replacement value for this computer would be in excess of \$1 million," Bradford said.

The racks were to be placed in the new building before the walls were completed. Each rack is 18 ft. long, 8 and one-half ft. high, and 9 inches wide, and will not pass through the doors of the building.

"If the damage can be repaired, we will place them in the building as planned," Bradford said. Otherwise, we will modify the equipment and use the components for other purposes."

Rec. Hall Opens At New Location

The Game Room in the Tech Union Rec. Hall is again open and is sporting a recently installed air-conditioning system. The Hall was closed while being moved to make way for expansion of campus facilities.

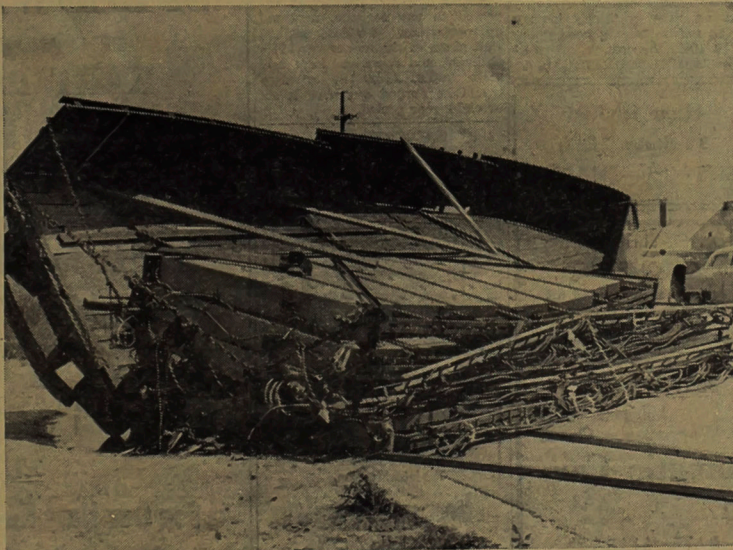
The computer was acquired by the college in June, 1958. It was shipped from NASA, Langley Field, Virginia, to Lubbock and stored by a local warehouse company during the last two years.

THE RELAY racks were loaded on a truck to be moved to the new Data Processing Center Friday, but 20 ft. from the loading dock, the right rear wheel of the truck slipped into a rain-washed

chuck-hole and spilled the racks into the street.

"It seems ironic that we could move the computer 2000 miles, store it for two years, and then essentially lose it in two minutes," Bradford said.

The entire computer includes 10,000 relays (some of which have 180 contacts), over two million connections, and 100 miles of wire. It weighs 38,000 pounds.



COMPUTER RELAY BANKS SMASHED

A chuck-hole started a chain reaction, sending four 6000 pound relay banks from a Tech computer crashing into the street.

Ceremonies Honor Tech Construction

Construction was officially "kicked off" for four new Tech buildings in "ground-breaking" ceremonies July 14.

Dr. R. C. Goodwin, acting president, opened the ceremonies by commenting briefly on the new library.

"The addition of any building is an asset to a campus, but this is more than just any building. The library is a cornerstone of a college or university, and as such, it must dominate the campus," he said.

"**GREAT UNIVERSITIES** and great libraries always exist together. It is my earnest hope that this library will be a part of a great university. This building is a refinement of many ideas," was the comment of R. C. Sawney, Tech Librarian.

"The architectural philosophy is that of open service, which means that there will be immediate availability of all materials to students," continued Sawney.

The library is being constructed at a cost of \$1,502,021. Consisting of five floors and a basement, the structure is designed to hold 600,000 volumes and seat 1,600 readers. The general contractor is the Odom Construction Co.

THE CEREMONIES also marked the beginning of a \$300,400. Chemical Engineering Building. The 19,000-square-foot edifice will house two classrooms and a number of laboratories. Cain and Cain Construction Co. is building the structure.

Dr. John Bradford, dean of engineering, spoke briefly prior to the nailing of a cement form which ended the ceremony.

"Ground-breaking" for a new Meats Laboratory was opened with an address by Wilber Smith, a member of the Tech Board of Directors.

"**IN ALL PROBABILITY** this building and its labs holds the key to a livestock industry research is the key to progress and research."

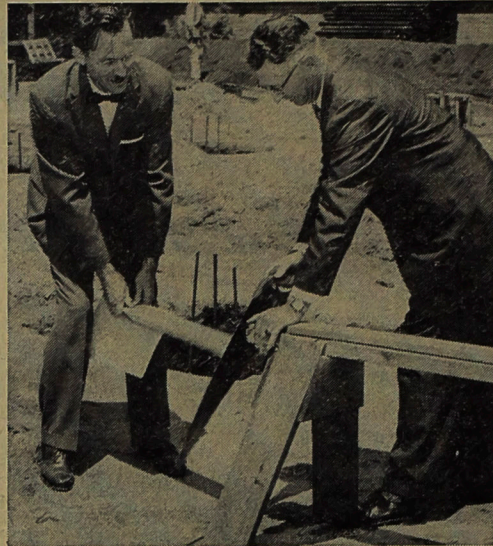
The Meats Laboratory is costing \$206,917. The contractors are West Texas Builders, and the architects are Haynes and Kirby of Lubbock.

The building will contain a complete meat processing plant, including areas for slaughtering, holding, cutting, and fats rendering.

"Ground-breaking" for the Plant Facilities building was the last ceremony of the afternoon. This structure, to be erected by the Padgett Construction Co. at a cost of \$498,242, will house a central receiving warehouse, machine shops, vehicle storage, and the Tech printing press facilities.

"**THIS PROJECT** is the beginning of the start of the end of the general building program on campus. In this eight million dollar program, four buildings are complete; eleven are in various stages of construction; and four are in the planning stage," said Marshall Pennington, Tech's vice-president and comptroller.

At no time in Tech's history has so much building been going on. In 1949, the cost valuation of See **GROUND BREAKING**, p. 4



'BOARD CUTTING' AT THE MEATS LAB SITE
Dr. George Elle, Asst. Dean of Agriculture (L), and Wilmer Smith, member of the Board of Directors, conclude ceremonies at meats lab.

Australian Biologist Visits Tech

An Australian authority on the origin of soils and plant life will lecture today and Friday at Texas Tech.

Dr. Robert Langdon Crocker, chairman of the biology department at the University of Sydney, will speak at the Summer Institute for High School Biology Teachers, Dr. Earl Camp, institute director, announced.

The public is invited to attend the lectures slated for 3:30 and 7:30 p.m. both days in Room 101 of the Chemistry Building. Dr. Crocker will discuss the vegetation of Australia, plant succession and plant communities.

The Australian scientist holds a doctor of science degree from the University of Adelaide, and has done postgraduate research at Cambridge University in England.

He is the author of a number of research papers in the field of soils genesis, plant community ecology and ecological principles, soil-vegetation relationships and quaternary chronology.

He was formerly a professor of soils at the University of California, Berkeley, and is a member of the Board for Higher Forestry Education in Canberra, Australia. He is a member of the Australian and New Zealand Assn. for the Advancement of Science and the Board of Secondary School Studies of New South Wales.

Bowles Airs Views On Dem. Platform

Representative Chester Bowles, chairman of the Democratic Platform Committee, voiced his views on the Democratic platform in a press conference Sunday.

Asked if he thought the Democratic platform would lose the party some votes in the South, the former ambassador to India replied that in the long run, the section on civil rights would not harm the party, but he could not answer for the present.

BOWLES, AN accepted expert on price control, said that the South is faced with a choice between a tired society looking toward the past and a new industrialized, modern South.

With regard to the increased expenditures for defense, called for in the platform, Bowles, John Kennedy's advisor on foreign affairs, said that he could not estimate a specific expenditure. He added that we should be able to save undetermined amounts of money by reorganizing the Pentagon.

"**ONE OF** the main jobs of the Democrats, if elected, would be to discover exactly how much could be saved for defense through Pentagon reorganization," he said.

Asked how the Democrats expected to pay for the increased appropriations, Bowles replied that much of the money would be obtained and spent on local and state levels. Also, the expenses would be spread out over a six or eight year period.

"**THIS PLATFORM** is the first one in history to openly advocate increased taxation," Bowles stated.

Both Democratic candidates have been quick to identify themselves with this platform. This indicates a tendency, Bowles believes, to focus attention on vital issues rather than candidates.

Workshop Ends With Debates

A showcase of speech skills will be presented at the close of the two week High School Speech Workshop now in progress on campus.

Thirty-six high school students who have participated as laboratory cases in directing preparation for Interscholastic League competition will demonstrate forensics Thursday, July 28, and dramatics Friday, July 29.

The 1960 high school debate proposition, "Resolved That the United Nations Should be Strengthened," will be featured at 2 p.m.

Poetry reading and extemporaneous speaking are also part of the forensics segment of the workshop under the direction of Dr. Melville Larsen, speech department head.

RONALD SHULZ is heading the preparation of four one-act plays which will be presented by high-school casts in the speech auditorium Friday at 6:30 p.m. The public is invited to attend the program which includes "The Cradle Song," "Two Crooks and a Lady," "Riders to the Sea," and "When Altars Burn."

The use of high school students to provide actual teaching situations is a unique feature of the workshop which provides 3 hours credit in advanced speech for Tech students. Its primary objective is to train high school speech teachers in directing preparation for student competition in speech activities.



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By Campus Planning Committee

Peripheral Parking Planned For Campus

by ELLEN VENABLE

Texas Tech's parking problem is not unique—campuses across the nation are perplexed by the same lack of parking space; all that is, except one where there are no cars. But since cars have ceased being a luxury and become a necessity, as much thought must be given to accommodating them as to erecting a building.

After much study and years of experience in this line by its var-

14 Accidents Strike Campus

A car-pickup truck collision in front of the Ad. Bldg. Monday at 3:10 p.m. raised the number of traffic accidents on campus this year to 14. There were no injuries reported.

Ray Downing, Superintendent of utilities at Tech, reported that he had stopped the 1960 Tech pickup for the traffic light on the south side of the circle, when he was struck from the rear by a 1955 sedan driven by David Reed, Rt. 2, Midland, Reed, 19, was accompanied by his brother, Joe, 16.

THE SEDAN sustained damage which necessitated its removal by a tow truck while the pickup escaped apparent damage. Approximately 20 feet separated the two vehicles after the impact.

Earlier in the day, Reed completed the battery of freshman exams in preparation for Fall registration at Tech.

Lubbock Police officers Auther Unger and Kenneth Seals investigated the accident. Reed was issued a traffic citation.

ious members, the Campus Planning Committee has come up with a solution it thinks will solve the problem. What follows is its answer — peripheral parking.

MORE STUDENTS are coming to college with automobiles these days because they need a car for that Friday night movie date or the picnic out at Mackenzie Park or to drive to class because the campus is so large. To prove it, there are more cars registered this year at Tech, as was stated earlier, than there were students five years ago.

Because of this influx of men and machines the Campus Planning Committee feels that its purpose in laying out sites for academic buildings for the expanding student body is being defeated if they have to build parking lots on those sites to accommodate all the cars.

THE CPC is concerned with the pedestrian factor also. Two years ago, a campus survey found that on Memorial Circle 3000 students crossed at least one street during the 10-minute break between classes. With this many persons crossing streets,

class on time and the cars likewise in a hurry, someone may get hurt.

For this reason, because there is a large amount of pedestrian traffic from the new men's dorms, the CPC states, "Engineers' Lane" was not made a through street.

The CPC has considered many possible solutions, from building multi-storied parking lots off the campus and operated on a commercial basis to prohibiting cars from the campus altogether.

But the one they think will work best is an adaptation of the peripheral parking system used in modern shopping centers. Applied to Tech, it would consist of strategically located parking areas away from the central campus. Students and college personnel would drive onto the campus, into the lots, park and walk to classes.

This, of course, would necessitate locating the areas within 10 minutes walking distance of the academic buildings. As laid out on the master plan of the campus, the dorm parking lots would remain intact as would the lot behind the Journalism Building.

A parking area with an 800-car

capacity is to be built just south of the new library and one slightly smaller to the north. The Ad Bldg. parking lot would be used exclusively for administration and faculty.

ACCORDING TO this plan all other entrances would be blocked off, eliminating vehicular traffic from the center of the campus. This would reduce the possibility of accidents between pedestrians and vehicles on the one-way streets. In a few years entrance would be cut off at the traffic light on Memorial Circle leaving open the parking areas behind the Museum and the men's residence halls. The 15th and 16th St. entrances will admit traffic into the dorm parking lots but will cut off traffic into the campus.

The parking areas in front of the Room Reservations Office and the infirmary will continue to be used for the present. The parking area south of the Science Bldg. will also remain intact.

THE AKRON AVE. entrance has already been blocked off by the new women's gym. E. J. Urbanovsky, who is making a study of the traffic situation, explains the move by saying that the en-

trance was not used as much as the Boston Ave. entrance and brought traffic only into the parking lots of the dorms and the Music Bldg.

The circle in front of the Ad Bldg. will eventually be closed to cars during heavy pedestrian crossings according to M. L. Pennington, vice president and comptroller.

THE STATE Highway Department is scheduled to widen 19th St. this summer and the Boston Ave. entrance will be revamped to bring traffic onto the campus more easily.

"This is because more people come through our back door (Boston Ave.) now since the city has built up behind us," Nolan Barbrick, supervising architect, says. "In a few years we may find that Flint Ave. or even Indiana has become the main entrance to the campus."

After the construction of the new Library and Agriculture Plant Science Bldg., a new vista will open up with a mall stretching west from the Library. Though on a smaller scale than the engineering or science quadrangles, this mall may become with its classrooms and office buildings the college's second "main campus."

Senior Ring Takes 96 Hours

Students may order their senior rings only after they have completed college requirements for senior classification.

A senior is a student who has completed 96 semester hours while maintaining a minimum overall grade point average of one. A certification of class standing from the dean's office or registrar is required by most businesses before an order will be filled.

Rings are priced from \$30 to \$40 and require up to nine weeks for delivery.



EDITOR Travis Harrell
MANAGING EDITOR Judy Kinney
ADVERTISING MANAGER Larry Bridges

The Toreador, official student newspaper of Texas Technological College, Lubbock, Texas, is regularly published each Thursday during the summer semesters, excepting holidays, by students of the College as an expression of campus news and student opinion only.

The Toreador is financed by a student services fee, advertising and subscriptions. Letters to the editor and columns represent the views of their writers and not necessarily those of the Toreador. Letters must be signed, but may be published with initials in justifiable instances. The views of the Toreador are in no way to be construed as necessarily those of the administration.

Entered as second class matter at the Post Office in Lubbock, Texas, under the act of March 3, 1879.

AT THE UNION

THURSDAY — Square dance in the Recreation Hall.

FRIDAY — Panhandle Polka western dance in the Recreation Hall, 8-11 p.m. featuring music by the Plainsmen.

MONDAY — Movie, "Some Came Running" in the Union Ballroom at 7:30 p.m. with Frank Sinatra, Dean Martin, and Shirley McLaine.

WEDNESDAY — Sign up for Billiards Tournament at Newsstand.

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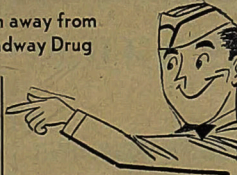
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"ON THE CAMPUS"

Letters Slam Rules Framed By AWS

by JUDY KINNEY
Managing Editor

Letters, which expressed discontent and exasperation with a few of the dorm rules now in effect at Horn Hall, have been received by the TOREADOR editor recently.

Although the TOREADOR has previously published such letters and will continue to publish intelligent, well-written ones, we will only discuss a few items mentioned in this instance.

As part of the sign-out procedure for week-ends and overnight, coeds must send a post card, (for which there is supposed to be no charge) to their parents informing them of the student's weekend plans.

The letters brought out the fact that cards were received after the students had returned to the dorm. This is true. The cards are not intended to allow the parents to approve the nights out, according to Dorothy Garner, associate dean of women. They are a method of informing the parents of the number of weekends their daughters spend away from the dorm. The post card method was begun at the request of a number of parents.

Another complaint was that even after completing the complicated sign-out requirements—which, according to one letter, required three hours to complete—the parents were not informed of their location even when several phone calls were completed to the switchboard operator.

Dean Garner said that the operators were not supplied with a list of sign-outs because this service could not be effectively rendered by the dorms.

"If the call is an emergency, then the operator will check on the whereabouts of the girls," she said.

One letter voiced the complaint that girls were not allowed to wear rubber soled sandals or sneakers in the dining hall.

No such rule exists except for Sundays when either flats or heels are required.

The rule on dining room dress is that the apparel must be such that it could be worn on the downtown streets without causing embarrassment.

All these rules were initiated by the Association of Women Students. If anyone is displeased with one of these regulations, she should consult her elected student legislator, then if satisfactory explanation is not received, write the Toreador editor. The letter will be published if the student so desires and space is available.

'Groundbreaking' Starts Buildings

Continued from p. 2

the Tech buildings was \$11,497,000; today it is \$35,589,000.

Another \$24 million dollars is expected to be spent on buildings so that by 1970, the cost valuation of the campus buildings will reach \$59,000,000.

Such a campus should accommodate a student body of approximately 14,000.

Billiards Contest Opens August 1

Registration for the Union sponsored Billiards Tournament will begin July 26. Students may sign up as late as July 31. The tournament will begin Aug. 1 in the Games Room of the Rec. Hall and continue through Aug. 6.

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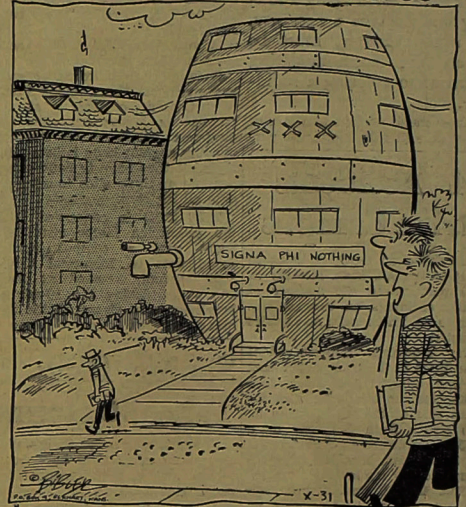
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