

INSTITUTE SOCIETIES FOSTER VARIETY OF HOBBIES

WALKER MEMORIAL COMMITTEE

By T. F. Bundy '24

Walker Memorial was given by the Alumni to the students in memory of one of the Institute's greatest presidents, Francis Amasa Walker. It is unique among college buildings in that, like all other Technology activities, it is run by the students, for the students, while the Faculty looks on with approval.

The government of the building is administered by the Walker Memorial Committee, a standing sub-committee of the former. The Walker Memorial Committee consists of three Sophomores, two Juniors and one Senior, the Chairman. The Chairman is also ex-officio a member of the Institute Committee and of the Executive Committee.

The duties of the Committee are enumerated at great length in the T. C. A. Handbook, but this volume offers no encouragement to any man to come out for the Competition. Why do men come out for the Committee? Because they like it. The Walker Memorial Committee is distinctly different from any other activity. The actual administration of the building and the assignment of the various rooms is the last part of its work.

The Committee is the official guardian of the morals of the student body. Two men are present at every dance, and any other function if necessary, held in the building. Each man takes a keen interest in seeing that Technology's social affairs are up to the standard of past years. The Committee has the full backing of the Institute Committee and through this of the student body in seeing that the standard is kept up.

Through their various duties the members of the Walker Memorial Committee come into close contact with all the other activities and each man comes to have a very wide personal acquaintance with the different activity men. The primary reason for making the Chairman ex-officio a member of the Executive Committee of the Institute is to give that body the benefit of his intimate contact with all of the different undergraduate organizations. In other words, the Committee usually knows what is going on around the Institute.

At the time of the Freshman Competition held in the third term the mysteries of the Committee are exposed to the candidates "en masse." After a few weeks of an intensive course of instruction each candidate writes a report containing a summary of what he has seen, done and even thought about the Committee. The three new men are chosen, partially by a system of grading of these reports, and partially by their interest in the work of upholding the traditions of the Walker Memorial.

DORM CONSTRUCTION SURPRISES MANY STUDENTS

One Unit Made Possible By Gift of \$100,000 From Class of '93

NEW BUILDING WILL ACCOMMODATE EIGHTY MEN

Designing and Engineering Executed by Institute Graduates

Returning students, surprised to find a large hole in the ground beside the tennis courts on Ames street, have continuously fringed the brink of the excavation which marks the spot where the new dorms will rise. A pile-driver is busy sinking forty-foot piles which will insure that the new structure does not settle, and workmen may be seen struggling through the mud of blue silt which lines the bottom of the cavity.

The dorms have been made possible by the gift of \$100,000 by the Class of '93, which offered to contribute this sum to the construction of new dorms at its Thirtieth Anniversary reunion last June. The stipulation was made that work be started by the first of September, thus bringing to an abrupt close the long-standing agitation for more dormitory facilities.

This building will be one unit in the general scheme of Institute buildings as developed by Welles Bosworth '89. In this section there will ultimately be three or more such units, of which the one now under construction will be the center. It will be 103 by 37 feet in size

COMBINED PROFESSIONAL SOCIETIES

By C. A. Frank, Jr., '24

The various professional societies, which offer the only opportunity for the undergraduate to meet prominent engineers and scientists from the industries and from other colleges, are open for membership to all upperclassmen and graduate students. Men wishing to sign up will be given the opportunity to do so at a table in the main lobby, which will be open from 2:00 A. M. to 5:00 P. M. every day this week. Tables will also be placed at the headquarters of each course.

These societies are student chapters of the national associations for the advancement of the engineering profession, and provide opportunities for the undergraduate to visit many of the industries in and about Boston, thereby enabling him to become familiar with approved engineering and manufacturing practices. The societies also conduct smokers at which prominent engineers are invited to speak. These lectures are frequently illustrated with motion pictures of the work under discussion, and sometimes by actual demonstrations of the processes involved.

There are in all eight of these engineering societies, namely the Mechanical, Electrical, Mining, Chemical, Aeronautical and Civil Engineering Societies, Corporation XV, and the Army Ordnance Association. Introductory smokers are now being planned, which all men eligible for membership are invited to attend. The exact dates of their occurrence is not yet determined, however.

FACULTY DISQUALIFIES 350 YALE SOPHOMORES

The Yale faculty has lived up to its threat of barring the more prominent members of last year's freshman class who were responsible for the dining hall riot in the spring. This bar includes men who would have been very useful to many of the varsity teams. The annual competitions for positions on the managerial staffs of the various activities will find the usually impetuous Sophomores strangely absent. Studying will be in vogue this year, taking the place of more tasteful if not as beneficial occupations.

SPEAKERS CLUB

By F. R. Shaw '24

The Speakers Club of Technology was organized to supply a long-felt need, the lack of a cement to bind the undergraduate body more firmly together. By training a number of men by whom students could be addressed in their classrooms, a new channel for the dissemination of ideas and information was opened, and a new mechanism for the stimulation of school spirit and interest was created.

The beginnings of the club came in the spring of 1921, when several members of what is now the Senior class conceived the idea of thus combining a service to the Institute with a valuable training for the men themselves. The organization started the school year 1922-23 in full swing, and steadily grew in size and breadth of activities. The final enrollment was 35.

Through the generosity of an alumnus, the entire club was enabled to take a special course in public speaking given by H. P. Cahill, a Boston attorney who has had a great deal of experience in this field. Mr. Cahill delivered a lecture at the club meeting in Walker Memorial every week from October to March, and gave the members the benefit of his criticism. Men were furnished to notify students in their class rooms of school activities and especially to assist in the organization of the freshmen for Field Day. Speakers Club men conducted boys' classes for the T.C.A. and went on deputations.

The new-born Technology Debating Team was sponsored and assisted by the Speakers Club. This team was formed from Speakers Club material last spring and coached by Mr. Cahill. The team had two intercollegiate debates on its calendar last spring. First it bent all its efforts to persuading the B. U. team that the government should not own and operate the coal mines, and then went down to Brooklyn to convince Brooklyn Polytech that it should.

At the end of the year the club held its first banquet and keys were distributed to members of the club.

OUTING CLUB

By B. B. Zavoico, '24

The M. I. T. Outing Club was organized early last fall for the purpose of bringing together all persons interested in such outdoor activities as hiking, horseback-riding and snowshoeing, and skiing.

Those members of the club who are unable to return home for the two major vacations of the school year, Christmas and Easter, form a party and go on an excursion to any of a number of the beauty spots of New England? By thus going in parties the members not only travel with a group of friends, but also take advantage of the reduced rates offered by hotels and railroads.

Throughout the year weekly outings in the vicinity of Boston are arranged for either Saturdays or Sundays. During the open months of the past year horseback riding in the Middlesex Fells proved very popular; while during the winter months numerous snowshoeing and skiing trips into the Manchester hills were organized.

"I think it would be a good plan for nearly every man to go into activities to some extent. For the average freshman it is a worth-while step. Yes, I certainly advise at least moderate participation."—Professor E. F. Miller '96, former Chairman of the Faculty.

If You Are Interested in Newspapers —

Competitions in all departments of THE TECH are now opening and freshmen are especially urged to enter them. The News and Editorial competitions are essentially for men who have the "writers' itch" and the reporters' curiosity. The Business Competitions give the candidates an insight on the running of a miniature business and develop real selling ability. Men interested will find managers in THE TECH business office, room 302, Walker Memorial, glad to talk over personally the competitions with them.

RADIO SOCIETY

By C. F. Muckenhoupt '24

Lectures, interesting meetings, code classes, and the privilege of operating at station 1XM are among the advantages offered members of the M. I. T. Radio Society this year. Since its founding several years ago the radio society at Technology has built up an amateur station which has gained national, even international, prominence from its accomplishments.

Members will be afforded an opportunity for training sufficient for passing the examinations for commercial operating licenses. There will be lectures on commercial operating theory and practice, and code classes are to be held two or three times a week.

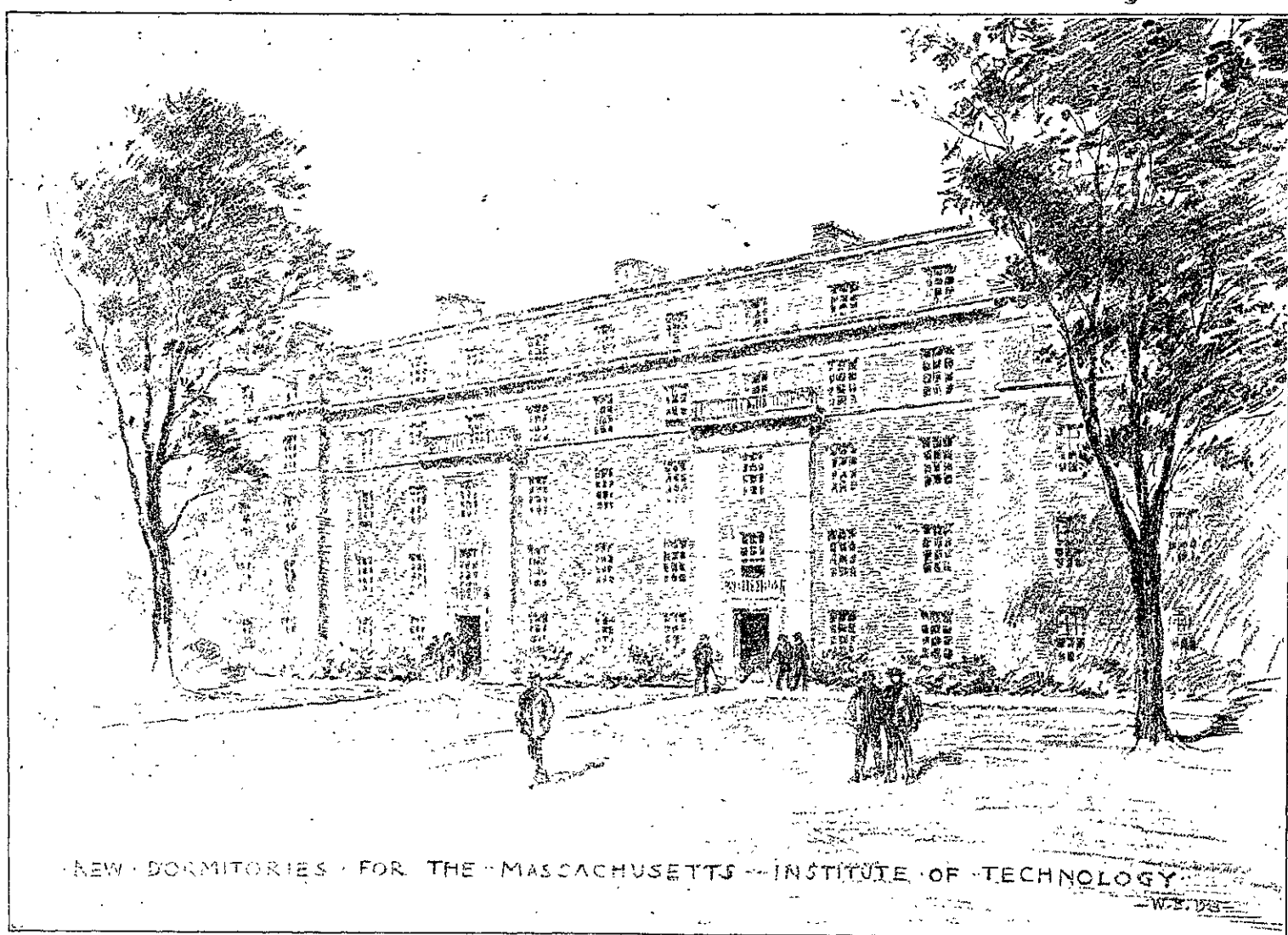
These classes will be held from 12 to 1 o'clock, and from 1 to 2 o'clock, so that all members will be able to attend during their lunch hours. The classes have the enthusiastic approval of the faculty of the communications department of Course VI.

In addition to the code classes and lectures there will be from time to time throughout the year meetings of the entire radio society at which matters of present interest to amateurs will be discussed. The chief speakers at these meetings will be men who know radio and have contributed materially to the advancement of the science.

Besides these instructive advantages, members of the radio society who are qualified to by former experience may operate at the society's station 1XM, which was declared by Hiram Percy Maxim, president of the American Radio Relay League, to be "the best college radio station in the world." M. Leon Delory, the owner of the most prominent amateur station in France, 8AB, visited the Technology station recently, and plans are now underway to make two way communication with France a reality this winter.

Besides operating, there are facilities at the radio station which enable members to undertake a wide range of experimental work. Half the space in the station is given over to an experimental bench. Through an arrangement with a Boston radio concern members of the society may obtain their apparatus at a discount of 10 per cent.

Students wishing to join the radio society may do so at the society's table in the main lobby.



NEW DORMITORIES FOR THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Courtesy of Technology Review

and five stories high and will accommodate 80 men.

Experience at the existing dorms has shown that single rooms are remarkably popular at Technology—at most colleges double rooms get the preference—so practically all rooms in the new structure will be single rooms. They are, however, fitted with intercommunicating doors, so that two or three rooms may be converted into a double suite with bedrooms and study rooms. There will be hot and cold running water in all rooms, which are all wired for telephone service.

"The building is being erected upon filled ground, like all Institute buildings

and great precautions are being taken that it does not settle, as some trouble has been experienced in this respect at neighboring structures. The dorms will stand on 350 fir piles driven 40 feet into the ground. The excavation is about 15 feet deep, almost down to the old gravel beach, once lapped by the waters of Back Bay.

It is next to impossible to drive a pile through this stratum, so W. A. Norton, the contractor intrusted with this part of the job, is jacking them through. An iron pipe through which water at 150 pounds pressure is pouring, is directed vertically down into the ground at the

point where the pile will presently be driven. The water jet thrusts the gravel and small stones to one side as the pipe is lowered into the ground, and a hole is easily put through the 12 foot stratum of gravel.

Then when the pile is in place, it sinks 10 or 15 feet at the first light tap of the hammer, and is easily driven home through the clay beneath. When the test piles were being sunk, it was at first attempted to force them through the layer of gravel, and several times fir timbers snapped in the middle like matchsticks.

A Technology graduate, H. W. Brown

15, of the Housing Company of Boston, has worked out the engineering details of construction for the long awaited dormitories. He has developed a process construction which threatens to revolutionize the building of concrete structures, and which is expected to reduce the cost of this one to about \$160,000, or \$2,000 per room. This is the first job upon which the new method has been tried, so unforeseen difficulties may be encountered, although on the drawing board it seems letter-perfect. One point in the new system will be the employment of the cement gun, with which the cement is sprayed into place.