

The Tech

Volume LVII. No. 30

CAMBRIDGE, MASS., FRIDAY, SEPTEMBER 24, 1937

Complimentary

328 FRESHMEN LEAVE FOR CAMP

Institute Greet New Students At All Tech Smoker

Dr. Compton To Extend Official
Welcome; Obie Denison
To Entertain

Fathers Or Uncles Invited To
Accompany Students As Guests

Free Tickets Offered Freshmen,
Transfers In Main Lobby
Registration Day

President Compton will formally
welcome the incoming freshmen at the
annual freshmen smoker to be held
in Walker Memorial on Monday eve-
ning, September 27, at 6:30. All of
the Class of '41 are expected to attend
this, their first united gathering, and
they are cordially invited to bring
their fathers and "uncles".

During the evening both light en-
tertainment and serious speeches will
(Continued on Page 6)
Frosh Smoke

Gridiron Sponsors Banquet Saturday

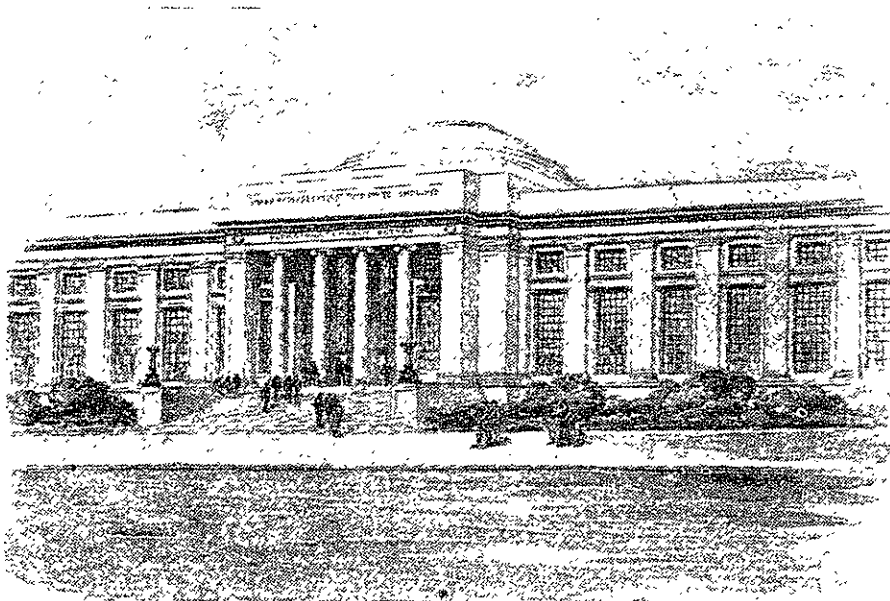
Get-Together Dinner Precedes
Publications' Official
Rushing Season

To introduce Technology's publica-
tions to literary-minded freshmen,
Gridiron, honorary publications so-
ciety, will sponsor a get-together ban-
quet next Saturday at 6 p. m. in the
North Hall of Walker Memorial.

Guest speakers of the evening will
be Dean Harold E. Lobdell, James
R. Killain, editor of the Technology
Review, alumni magazine, and Pro-
fessor Frederick G. Fassett, Jr., of
the Department of English and His-
tory.

Speaking for the different publica-
tions will be Harry B. Hollander, '38
of Voo Doo, who will discuss adver-
tising; Edwin K. Smith, Jr., '39, of
The Tech, who will discuss editorials;
(Continued on Page 6)
Gridiron

New Architectural Building



Architect's perspective of the new School of Architecture

Million Dollar Quarters Being Built As Home For School Of Architecture

In September of 1938 the Institute's
School of Architecture is scheduled
to move into its new \$1,400,000 home
on Massachusetts Avenue, as a part
of the Institutes original plans for
gradual expansion to keep pace with
advances in science and engineering.

The new building was designed by
Welles Bosworth, a member of the
class of 1889, who was the architect
for the entire Technology group when
it was built in 1916. Under Mr. Bos-
worth as supervising architect is Mr.
Harry J. Carlson of the Boston archi-
tectural firm of Coolidge and Carl-
son.

Construction of the new building at
this time is made possible largely by
the sale of the Institute's Boylston
Street property in Boston, part of
which has been occupied by the School
of Architecture since Technology
moved to Cambridge in 1916. In ad-
dition to its importance as headquar-
ters of the Institute's architectural
courses, the new unit will permit re-
allocation of space in the older build-
ings, relieving congestion in various
departments and assuring the most
effective use of class rooms and labora-
tories for the best interests of stu-
dents and staff.

The new home of the country's first
school of architecture, from where
(Continued on Page 3)
Architecture Bldg.

Fraternity Rushing Forbidden At Camp

Inter - Fraternity Conference
Sanctions Law

Fraternity rushing at Freshman
Camp is strictly forbidden, accord-
ing to rules formulated by those in
charge, and sanctioned by the Inter-
Fraternity Conference. In order to
enforce this ruling, three men have
been assigned to guard the entrances
of the camp and see that no unauthor-
ized persons enter.

As has been the custom for the
past few years, there can be no sem-
blance of rushing from the time the
freshmen enter the busses to the
time they return to Technology on
Registration Day. All freshmen must
go to camp and return from camp in
the official busses. No one will be
allowed to enter the camp grounds
unless authorized to do so by the
men in charge. Similarly, no auto-
mobiles will be allowed on the camp
grounds without a special permit.

Letters have been sent to the pres-
idents of the various fraternities ad-
vising them of the ruling notifying
them that the Inter-Fraternity Con-
ference sanctions the law.

Largest Number In History Off For 3 Day Stay

26 Tents, 17 Cabins
Provided For
404 Men

Compton, Lobdell, Pitre,
And Prescott Are Guests

Coaches and Upperclassmen Will
Explain Activities And
Athletic Teams

For the twelfth consecutive year a
new record number of freshmen will
go to freshman Camp at Lake Mas-
sapoag this afternoon. The Technol-
ogy Christian Association which has
been sponsoring this camp for twelve
years has provided 26 tents and 17
cabins which will shelter a total of
404 men; 328 of whom are freshmen,
30 of whom are guests and 42 of
whom are upperclassmen. Several
dozen men had to be turned away for
lack of accommodations; the third suc-
cessive case of overcrowding.

This is an increase of 24 in the num-
ber of freshmen over last year. Four
blankets per man and all twenty-six
tents were borrowed from the army
in order to shelter the freshmen and
the guests. Electric lights will be
provided in all the tents and cabins
this year, instead of only in the cabins
as previously. One upperclassman
will be in charge of each tent and
cabin so as to help the new men in
orienting themselves and understand-
ing the organization of the Institute.

Among the prominent guests are
Dr. Karl T. Compton, President of the
Institute, Harold E. Lobdell, Dean of
Students, Thomas P. Pitre, Assistant
Dean of Students, and Samuel C. Pres-
cott, Dean of Science.

A vesper service will be con-
ducted by Dr. Boynton Merrill of the Second
Church of Newton. Bill Kitchen, Sec-
retary of the Student Christian Move-
ment of New England, will act in the
(Continued on Page 5)
Freshman Camp

FRESHMAN CAMP SCHEDULE

Friday

2:30 P. M. Assembly at Walker Memorial to leave for camp.
5:00 Swim.
6:00 Supper.
History of Camp Massapoag—Mr. Gridley.
Camp Doctor's remarks.
7:30 Assembly in Friendship Lodge—Jack Wallace, President of
Class of '38 in charge.
Welcome—Dr. Vannevar Bush, Vice-President of the Institute
and Dean of Engineering.
"High Spots of Technology"—Prof. Charles E. Locke, Alumni
Secretary.
"Student Government at Technology"—Jack Wallace, '38.
Announcement of All-Tech Smoker to be held Monday eve-
ning, by Institute Committee representative.
Tech songs and cheers—Obie Denison, '11.
9:45 Councillors' meeting at Friendship Lodge.
10:00 Taps.

Saturday

7:00 A. M. Reveille; Setting up exercises—W. H. Phinizy and D. F. Mor-
gan.
7:30 Breakfast and announcements. Di P.
8:00 Camp details.
8:30 Discussions—Bill Kitchen.
9:15 Presentation of activities—Jack Wallace, '38.
9:45 Group activities meetings in tents.
10:20 Presentation of athletics—James Gilliss, '38.
11:00 Group meetings for athletics.
11:30 Swim.
12:15 Dinner and announcements.
1:45 P. M. Athletic Program: Baseball, crew, rifle, etc.
3:30 Assembly in Council Ring; Dean Lobdell, President Compton.
4:15 Athletic Program cont.; Faculty-Freshman softball game.
Exhibitions.
5:30 Swim.
6:15 Supper and announcements.
7:10 Assembly in Council Ring. Speakers.
8:00 Assembly in Friendship Lodge.
The Homberg Infirmary—Dr. Chamberlain.
8:30 Movies—"The Freshman Comes to Tech."
"The Dinghie Relaxation"—Jack Wood.
9:45 Counsellors meeting.
10:00 Taps.

Sunday

5:30 A. M. Reveille; Setting-up exercises; Dip.
8:00 Breakfast and announcements.
8:45 Camp details.
9:30 Track meet—Coach Oscar Hedlund in charge.
11:00 Discussions—Bill Kitchen.
Catholic mass at East Pepperill.
12:00 Swim.
1:00 P. M. Dinner and announcements.
2:30 Baseball finals, crew, rifle, etc.
4:45 Vesper service—Dr. Boynton Merrill.
5:30 Swim.
6:15 Supper and announcements.
7:15 Open Forum in Council Ring. Jack Wallace presiding.
Interfraternity Conference—Bill Gibson.
Explanation of Marking System—Dale Morgan.
5:15 Club—George Morel.
Undergraduate Houses—Carl McEvoy.
8:00 Movies in Friendship Lodge.—Coach Oscar Hedlund.
10:00 Taps.

Monday

6:45 A. M. Reveille.
7:15 Breakfast and announcements.
8:00 Departure for Cambridge in time for registration.

The Tech Staff Breakfast To Be Held 8 A. M. Monday

The Tech staff will hold a
breakfast in the Grill Room of
Walker Memorial on Monday
morning at 8 a. m. All members
of the staff are cordially asked to
be present. Important announce-
ments will be made at that time.

Six New Men Join Institute Faculty

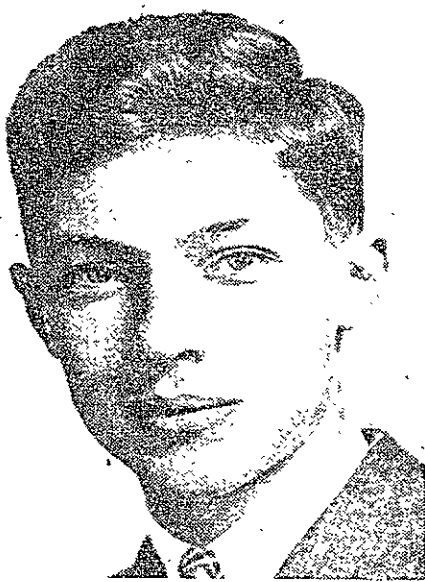
Ex-Officio Fencing Coach And
Army Engineer
Included

Six new members will join the fac-
ulty of the Institute for the coming
school year, one in the Department
of Metallurgy, two in the Geology de-
partment, one in the School of Archi-
tecture, one in the Department of Busi-
ness and Engineering Administration,
and one in the Department of Mili-
tary Science.

(Continued on Page 3)
Promotions

Polar Presidential Plunge Planned; Plebes Ponder Perfect Propulsion

Raymond C. Foster



Sophomore Class President

Hair dyed a flaming red, face hid-
den behind a carefully trimmed Van
Dyke, a very ingeniously disguised
president of the Sophomore class this
morning left the peace and security
of Beacon Street to lead a hunted
existence in the dangerous wilds of
Massapoag. For the next three days,
Raymond C. Foster, '40, will attempt
to remain in Freshman camp with-
out receiving a ducking in the icy
waters of Lake Massapoag at the
hands of the Class of '41 which is
determined to maintain the eleven-
year tradition of presidential immer-
sion.

"I have spent the entire Summer
swimming in the Bering Strait," said
Foster yesterday, "and Lake Massa-
poag holds no terrors for me. I hope
that goes for the dozen Frosh who
will undoubtedly find themselves in
the water before me."

"You see," he confided, "I spent a
good deal of time up there wrestling
with polar bears. They're pretty
good, too."

"But then," he smilingly mused,
"they've got to find me," and disap-
peared in a cloud of smoke.

The dunking tradition dates from
1925 when a small army of stout-
hearted first-year men or "drips" as
Foster flatteringly referred to them,

ambushed the soph leader. A prompt
bath in the invigorating local waters
was given to that martyr of a decade
ago.

This year Foster, whose dignified
features may be seen in the accom-
(Continued on Page 5)
Ducking

The Tech

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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Night editor, Harold H. Strauss, '38

PLEDGE IN HASTE

REPENT AT LEISURE

FRATERNITY rushing season is here again, and as usual a good number of the freshmen are bewildered by the violence and speed with which it takes place. In the atmosphere of high-pressure rushing, it is hard for the freshman to make a careful decision. Yet the choice of a place to live for four years and the selection of the men who will probably be one's most intimate friends is no light matter.

Remember that the only good reason a fraternity can have for wanting you to make an immediate decision is that it is afraid you may decide differently if you look around elsewhere. Don't be too quick to move into a fraternity house. First, ask yourself whether or not you want to join any fraternity. Talk to non-fraternity men and get their point of view. There is also the financial aspect to consider.

Then if you decide to join a fraternity, don't be too hasty about deciding which invitation to accept. Don't be too impressed by the national reputation of a fraternity—you are going to live with the local chapter. Be sure you get around to meet all the men at the house, particularly the lower classmen who will be here longer and with whom you will have to get along. Don't get rushed off your feet. Four years is a long time to pay for a hasty decision.

The advice given in the General Bulletin published by the Institute is excellent counsel to follow. It says:

"Upon your arrival at the Institute considerable pressure may be brought to bear upon you to pledge yourself immediately to some fraternity. You should realize that joining a fraternity is a serious step which should be taken only after you have made careful inspection and comparison of all the chapters from which you may have received invitations. This procedure is approved by the Interfraternity Conference and the chapters composing this Conference agree that a reasonable delay thus occasioned in making a decision shall not endanger your chances of ultimately joining the chapter of your choice. In your professional work you will find hasty decisions dangerous. Start training yourself now to avoid them."

A NEW DORMITORY

IS BADLY NEEDED

IN THE past few years Technology's building needs, as outlined in President Compton's expansion plan, have become urgent. Without trying to minimize the need for other buildings, it seems that the need for a new dormitory is especially keen this year. There is now a waiting list of 180 men, with many more who want to live in the dormitories who

are not even on the list. This number is at least a hundred more than can be accommodated this year. A new dormitory would take care of this condition, and might be used to lessen the waiting list of the Graduate House as well, which is just as badly overtaxed.

There is no question that a new dormitory would be more than filled. It should be built as soon as possible.

FRESHMAN CAMP

MAKE THE MOST OF IT

TO THE freshman leaving for camp today we have a few words of advice that might enable him to get more out of his stay. Remember always that the purpose of the camp is to help orient students who have never been here before. If you are somewhat backward about making friends, if your unfamiliar surroundings make you feel reticent, remember that the other fellow probably feels the same way. So put on a bold front yourself, and soon you will feel at home.

Remember also that the men you are with now will be your classmates for the next four years. Try to get friendly with as many as you can. You may not have them in class and if you don't meet them now you never will.

You will hear a great deal about activities at camp. The outstanding activity men of the Institute will tell you about the opportunities for extra-curricular work. Listen to them carefully, for a reasonable amount of outside activities are necessary to round out a complete program. If there are any activities you are particularly interested in, ask the upper-classmen about them. Don't be bashful, they are only too glad to oblige.

Alumni and professors will give you some of the background of Technology—a little of its history and its traditions. Listen carefully, for the knowledge you pick up will make your stay here more enjoyable.

This weekend at camp and next Monday at the All-Tech Smoker you will be introduced to Technology. Make the most of it, so that when classes start you will not be a stranger here.

Letter to the Editor

Dear Mr. Editor:

Now that the Institute has seen fit to warn the students about the Evils of Smoking and has chastised the boys about Kidnapping during the week of Field Day, I feel that it should also take a paternal interest in the Kidnapping which occurs during Rush Week. Some of the freshmen are still so unsuspecting that they arrive on the station platform with suitcases which actually contain valuables instead of worthless trash like bricks and last year's edition of "The Economic Process". Then when the suitcases are held for ransom the poor freshman is forced to advertise in the Want Ad section of the "Boston Daily Record" or the "Harvard Crimson", for what freshman is sophisticated enough to read Greek letters and what fraternity is highbrow enough to aspire to the "Transcript" or the "Herald"? What can a poor freshman do while his clean shirt or his best brown brief case are moulding in the room of some rushing chairman?

I might also say a word about the bidding of the fraternities. Although in most cases the national office of the Greek letter fraternities recommend that their chapters learn the names of men before they are pledged, the Tech chapters as a rule feel exempt. The general procedure, designed by some enterprising rushing chairman who was seeking a job with General Motors (advt.), is patterned after the famous Chevrolet plant in Detroit—a perfect example of line production. As a rule some smooth talker swings onto the train in the general vicinity of Providence or Springfield and introduces himself to all the young men who wear coats and trousers of the same material. Coats and pants of different design usually point out Harvard men, although men wearing glasses

are considered questionable cases. By the time the train has reached the station the neophytes are so filled with the stories of the glory of Phi Omicron Omicron, usually referred to as Foo, that they are easy prey.

Bidding a man on the station platform is a common procedure. A respectable House can be detected by the fact that it permits its prospects to consider the bid during the entire ride from the station to the House. Any attempt at hurrying the decision or any attempts of "train-chasers", a form of rushing parasite, should be treated with utmost suspicion.

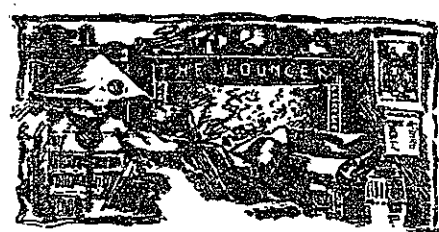
The end of the line production is reached when the new pledge brother is deposited in the fraternity House, congratulated by the brothers, and stored in the cellar until needed to answer the phone calls, the door bells, and otherwise stooge for his upper-classman brothers. As a purely psychological factor, many of the Houses have their active members put on pledge pins during the hectic weeks before Registration Day in order to act as a sort of silent catalyst. Then the Rushing Chairman can say, "Everyone else is doing it, why shouldn't you?"

Therefore, Mr. Editor, could you please devote a few columns of your great publication to the exposure of the evils of this Machiavellian practice. It is not that I mind having lost my first four sons to the Grand and Universal Brotherhood of Phi Omicron Omicron, but I do wish that my fifth son, my baby, should at least be warned in advance.

Hopefully yours,
Indignant Mother of Five.

Railway Express Hits New High In Business

With the majority of the student's baggage already delivered to its destination, the Railway Express Company settles back after one of its semi-annual peaks of activity. After distributing thousands of trunks, bags, and boxes to their collegiate addresses, the company reverts to the more routine business of handling laundry and boxes for both the students and their parents. Only through an enormous national organization can the company handle this job in one motion, thus saving the expense and trouble of moving in separate stages.



Practically Unborn Babies

In the Book of the Cross-eyed Turtle it is written "A freshman is that, which when it is not, there is too much of." For a considerable part of our past we have also been under the impression that the heterogeneous conglomeration of mixed Lever Brothers' Soap, Swift's Premium Just Dented Ham, Chocolate Dipped Gals and the infinitesimal remnant to which they cling, being under all the newly arrived freshman is too much for us, like this sentence is too much for you until you hear Tubby Rogers.

But even if freshmen are a negligible quantity as long as they keep their mouths shut, their three cents speak louder than a bill from the bus, and we have been sort of hoping that the black smear which heads this column would attract enough attention and comment to bring to the mind of the managing editor that there is a newness lacking About It All.

There is a real handicap to the procuring of a new cut, however. All the fellows we know who are good enough artists can't do anything but females draped, semi-draped, and plastered, and those who have broadened their field to include Men at Work have their Yearly Output censored. So we are up a tree, or maybe it is the Institute Flaggpole.

Anyhow if someone will contribute a reasonably good sketch which is at the same time flattering, in reasonably good taste and doesn't cost anything we'll see that his social aberrations are purloined from the files where Lobby Takes Care of Naugny Boys.

The First Church of Christ, Scientist

Palmouth, Norway and St. Paul Sts.
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Sunday Services 10:45 a. m. and 7:30 p. m.; Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.
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WHO'S WHO AT FRESHMAN CAMP

Faculty Members

Karl T. Compton, President of the Institute
 Vannevar Bush, Vice President of the Institute
 Harold E. Lobdell, Dean of Students
 Thomas P. Pitre, Assistant Dean of Students
 Delbert L. Rhind, Bursar
 Samuel C. Prescott, Dean of Science
 Ralph T. Jope, Business Manager of Technology Review
 Charles E. Locke, Professor of Mining and Metallurgy

Coaches

Oscar F. Hedlund, Track Coach
 C. Valentine, Crew Coach
 Henry P. McCarthy, Director of Physical Training
 John Roth, Fencing Coach
 Herbert Forsell, Gym Coach
 George Owen, Hockey Coach
 Walter Tucker, Lacrosse Coach
 Malcolm Goldie, Soccer Coach
 J. Jarosh, Swimming Coach
 John L. Summers, Tennis and Squash Coach
 Sgt. Harold F. McDonnell, Rifle Team Coach
 Jay Ricks, Wrestling Coach
 Pat Manning, Crew Coach
 Thomas R. Rawson, Boxing Coach

Upperclassmen

William G. Gibson, Institute Committee Representative on the Interfraternity Council
 Henry C. Meadow, President of Tech Open Forum
 Robert S. Gordon, Vice President of 5:15 Club
 Raymond C. Foster, President of Sophomore Class
 William F. Wingard, President of Junior Class
 John J. Wallace, President of Senior Class
 James M. Gilliss, President of M. I. T. A. A.
 G. Edwin Hadley, General Manager of Voo Doo
 Jay P. Au Werter, General Manager of Technique
 Harry O. Saunders, General Manager of Tech Engineering News
 Richard G. Vincens, General Manager of The Tech
 John I. Argersinger, President of Baton

David A. Bartlett, Crew Manager
 Gordon L. Foote, Rifle Team Representative
 John I. Herlihy, Track Manager
 Roscoe B. Graham, Squash Manager
 William H. Phinizy, Co-captain of Gym
 Dale F. Morgan, Co-captain of Gym and representative of the Faculty Faculty-Student Committee
 Paul H. Schneider, Co-captain of Basketball
 Michael V. Herasimchuk, Co-captain of Basketball
 John D. Alexander, Captain of Lacrosse
 Frank Kearney, Walker Memorial Committee
 John Burke, Freshman Committee
 Robert B. Wooster, Crew Member
 Elmar V. Piel, Crew Member
 James L. Baird, Crew Member
 Seymour Stearns, Captain of Tennis and Squash
 Andrew A. Fogliano, Winner of P. T. Competition
 Paul B. Black, Catholic Club Representative
 Charles Hobson, Golf Manager
 Mathew L. Rockwell, Captain of Scabbard and Blade
 John C. Vyerberg, Coxswain of crew
 Robert G. Fife, Soccer Manager
 Richard Muther, Captain of Hockey Team
 Ciro R. Scalingi, Captain of Cross Country Team
 Archibald M. Main, Captain of Swimming Team
 Cornelius K. Coombs, Captain of Crew
 Paul R. Des Jardins, Captain of Track
 Hans Bebie, Manager of Wrestling
 Durbin A. Woolford, Manager of Basketball
 Carle McEvoy, Chairman of Dorm Committee
 John R. Cook, Chairman of Freshman Rules Committee
 John C. Proctor, M. I. T. Nautical Association
 Fred R. Forman, President of the Combined Professional Societies
 Peter M. Bernays, Debating Society
 Willard Roper, Budget Committee
 Stuart Paige, Field Day Manager

Freshman Ties To Be Sold In Lobby Registration Day

Freshman ties will be on sale Registration Day all day in the lobby under the auspices of the Quadrangle Club and the Freshman Rules Committee.

Beginning Tuesday, September 28, all freshmen will be required to wear the traditional silver gray and cardinal red striped tie whenever on Institute grounds. If the class of 1941 wins Field Day the ties may be discarded at the Christmas vacation, otherwise they must be worn until the midyear vacation.

If freshmen wish to purchase ties after Registration Day, they will be on sale at the Coop.

Architecture Bldg.

(Continued from Page 1)

many of America's most distinguished architects have been graduated, will be situated on Massachusetts Avenue, joining the north end of the Pratt School of Naval Architecture and Marine Engineering, and extending northward for 320 feet toward the Guggenheim Aeronautical Laboratory. A central wing of this T-shaped building will extend back to the existing building, providing a much needed convenient entrance to the whole educational group.

The architecture, in general, will carry on the pilaster treatment of the rest of the Institute's buildings, and will be of limestone with a broad flight of limestone steps leading to an appropriate colonnade surmounted by a low dome subordinate to the Institute's great central dome. The new entrance will be dignified by four great columns five feet in diameter set within pilasters, and rising through three full stories of the building. Behind these will be four more columns at the threshold of a spacious vestibule. The portico will have sufficient depth to provide both effective shelter from the elements and the desirable richness of shadow in the facade. Three story ornamental grilles over the doorways will contribute to the dignity of the effect.

New Dome on Mass Ave.

The School of Architecture will add new interest to the skyline of Massachusetts Avenue, for the dome of the building will be seen at the end of a mile-long vista from Central Square, Cambridge, in one direction, and from the Boston end of the Harvard Bridge from the South. Except for a gap of 140 feet between the new unit and the Guggenheim Aeronautical Laboratory, the Institute's western facade of nearly 1500 feet between Charles River Road and Vassar Street, will be complete.

The basement of the new building will be occupied by heat and refrigeration laboratories of the Department of Mechanical Engineering, various class rooms, a shop for the Institute's science museum, and the mechanical and electrical equipment of the structure. On the first floor will be the office of the dean of architecture, faculty and department administrative offices, an exhibition hall, class and drafting rooms, offices of the registrar's staff and the Lovell Institute School, and an information office.

Library on Second Floor

Nearly half of the second floor will be given over to a library, which will house one of the most valuable collection of books on architecture in the country. On this floor there will also be the office and drafting room of the course in building construction, the quarters of the staff of the division of city planning, faculty offices, and the editorial and business headquarters of the Technology Review.

In the north wing of the building on the third floor will be the architectural design rooms for first, second and third year students, while the south wing, with the exception of a class room, will be given over to a museum hall. In the east wing will be an administrative office and several laboratories for special research in electrical engineering.

The fourth floor in the north wing will contain a large exhibition hall and a room for senior and graduate architectural design. In the east wing

Pres. Compton



Institute head at last year's camp

Promotions

(Continued from Page 1)

Dr. John Chipmen, Professor of Metallurgy, comes from an associate directorship at the American Rolling Mill Company. He is an authority on steel making, and holds degrees from the University of the South, Iowa State University and the University of Southern California.

The two new members of the Geology Department are Harold W. Fairbairn, Assistant Professor of Petrography; and Dr. Robert R. Schrock, Assistant Professor of Geology. Dr. Fairbairn holds degrees from Harvard University and Queens University, Canada. Dr. Schrock is a graduate of the University of Indiana.

Dr. Giovanni Macerata, of Venice, Italy, has been appointed a lecturer on Art in the School of Architecture. Dr. Macerata is a well-known swordsman and will coach the Institute fencing team this year. He has held Professorships in the languages and literatures, and is a former member of the faculty of Alexander Rossi College in Italy.

Professor Ross M. Cunningham, who received his degree in the Business School at Harvard, has been added to the faculty of the Department of Business and Engineering Administration.

Major Elroy S. J. Irvine was, until his appointment to the Institute faculty, division engineer of the Pacific Coast Division of the Engineer Corps. He is a graduate of M. I. T. and the United States Military Academy, as well as the Army Engineer School and the Army Industrial College.

of the building students will have a spacious and comfortable commons room, opposite which there will be an advanced city planning design room. The south wing will contain another city planning drafting room, as well as a free hand drawing room and a modeling studio. In addition there will be space for a shop and storage rooms.

Conferences Discuss Foods, Spectroscopy, Fatiguing of Metals

Meetings Attract Scientists From Europe, Canada To Institute

Three conferences, one on spectroscopy, another on creep and fatigue of metals, and a third on food technology attracted hundreds of scientists, many of them leading experts in their fields, to Technology during the summer. At these the latest achievements in the field of science were discussed not only by members of the Institute staff but also by numerous great authorities from all over the world.

The first conference, held in June, was one on the effect of high temperatures and great strains upon metals. Presided over by Professor John M. Lessells of the Department of Mechanical Engineering, the meeting brought out the fact that metals worked at too high a rate and subjected to a high stress react somewhat like human beings. They fatigue in a very similar manner and suddenly fail without warning. This fatigue was found to be proportional to the time and the temperature, a discovery of enormous importance in the design of all moving parts such as axles, rotors, and turbines.

Prof. Harrison, Chairman

At the second meeting, held in July, Professor George R. Harrison, head of Technology's program in Applied Physics, presided over the Fifth International Spectroscopy Conference. At this conference, there was discussed before a group of two hundred the medical and industrial applications of the spectroscopy, one of science's most powerful research tools. Opening a new avenue of approach to investigations of many diseases, this instrument permitted extensive studies of the blood and shed new light on many puzzling problems. Its use in enabling scientists to detect minute traces of metallic poisons before they reach the dangerous stage is very important. In other fields it has been equally useful. The spectroscopy has enabled astronomers to determine the composition of the distant stars; it has permitted metallurgists to ferret out minute traces of impurities in metals; and it has facilitated complex analyses of almost every type. At the conference the use of the spectroscopy in all those divergent fields was considered.

Food Technology Discussed

The conference on Food and Technology was held early this September. Led by Dr. Samuel C. Prescott, Dean of Science, it was an international meeting at which members of many large American food industries conferred with English, French, German, and Canadian scientists. In these discussions emphasis was placed upon the linkage of the basic sciences biology, physics, and chemistry with the production, processing and transportation of foods. Advances in air conditioning of manufacturing plants, dairy technology, and effects of low temperature on foodstuffs were given attention.

Technology Men Attend N.Y. Forum

Smith, Wallace Represent School Conference Has Sessions On Youth Problems

Technology will be represented at the New York Herald Tribune's Seventh Annual Forum on Current Problems by John J. Wallace, '38, president of the Senior Class, and Professor Theodore Smith of the English Department. More than 150 other American schools will also send delegates to the conference, which will be held in New York October 4 and 5.

The central theme of this year's forum will be "The Second Discovery of America," and two sessions concerned with "A Generation Finding Itself" and "Youth's Explorations" will be devoted to problems of particular interest to students.

Mrs. Roosevelt to Speak

Mrs. Franklin D. Roosevelt will open the forum, which will present authorities of national and international importance to audiences of 3,000 to 3,500 persons, representatives of the country's organized women and youth.

Keynote of the first session on youth will be Stringfellow Barr, president of St. John's College, Annapolis, Md. He will be followed by James J. McEntee, assistant director of the C. C. C. who will speak on "Youth Conservation." William Loren Batt, president of SKF Industries, will discuss "Factors of Success and Failure."

How youth is finding itself in business will be the subject of talks by Mary Lewis, vice-president of Best & Co., and Bernice Fitz-Gibbon, of John Wanamaker. A typical couple's

view on how to make a success of marriage will be given by Mr. and Mrs. Ned Bayne, both of whom have jobs. Youthful speakers who have found themselves "against odds" will be Mack Williams, former mayor of the Boys' Brotherhood Republic; Starr West, actor and farmer, and Julian Hunt, architect-builder.

Frederic and Irene Joliet-Curie, son-in-law and daughter of Madame Curie and Nobel prize winners in chemistry, will address the forum in a transoceanic broadcast from France. Their subject will be "Adventuring in Science."

The evening session on "Youth's Explorations" will mark the breaking of a long-standing radio ban on the discussion of social diseases. Speeches on that subject by Dr. Thomas Parran, surgeon-general of the United States Public Health Service, and Dr. George Gallup, director of the American Institute of Public Opinion, will be broadcast from the forum over a national network of NBC.

Other speakers at this session will be Bruce Barton, Mrs. Vincent Astor; J. Edgar Hoover, director of the Federal Bureau of Investigation; Senator Claude Pepper of Florida; and Thomas E. Dewey, special prosecutor for New York County.

Discuss Press Freedom

James G. Stahlman, president of the American Newspaper Publisher's Association, will open the program devoted to freedom of the press. Among the speakers will be Harold Cross, professor of libel law at the Columbia University School of Journalism; Dr. John H. Finley, editor of the New York Times; Alexander A. Troyanovsky, Soviet Ambassador to the United States; Dr. Friedrich E. Auhagen, lecturer on German-American relations; Graham Hutton, assistant editor of the London Economist; Carl Ackerman, dean of the Columbia University Graduate School of Journalism; and Dorothy Thompson, noted woman journalist and commentator.

President Roosevelt is expected to make the closing speech of the forum, as he has done in previous years.

FRESHMEN

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Technology Dining Halls
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Valentine Announced as Crew Coach

Cedric Valentine Succeeds Haines In Coaching Crew

Manning Continues In Former Capacity As Coach Of Frosh Eight

Valentine Former Tech Graduate

Cedric Valentine, '26, Technology alumnus and head of the Cambridge Boat Works, has been appointed by the Alumni Advisory Council on Athletics to succeed William Haines as head coach of Tech crews for the coming year, according to an announcement made by Ralph T. Jope, Secretary of the Council. Patrick Manning will continue in his capacity as freshman coach.

Valentine has been identified with Tech rowing for a number of years, both as an undergraduate and as a coach. In 1924, he stroked the Technology varsity crew which won Tech's first intercollegiate victory. The following year Valentine rowed number two, and in 1926 he stroked the undefeated 150 pound varsity crew.

In 1927 and 1928, Valentine coached Technology's light varsity squad, resigning when business necessitated his leaving Boston. Upon his return, Valentine resumed coaching the light squad, and last spring his crew won the Joseph Wright Trophy in the 150 pound Intercollegiate Regatta at Princeton on May 15, defeating Harvard, Yale, Cornell, Pennsylvania, Columbia, and Princeton.

As an undergraduate at Technology, Valentine studied mechanical engineering. In addition to his crew activities, he was a member of the Chi Phi fraternity, Beaver Club, Theta Tau Engineering Fraternity, and the Varsity Club which is made up of men who have earned the straight "T"—the highest athletic award at Tech.

Camp Frosh Will Sail Institute Dinghies

Nautical Association Announces Shore Classes Tuesday

Freshmen will have an opportunity to sail in the Institute dinghies at camp this weekend for at least one of the boats will be taken along. Sailing master Jack Woods hopes to take two dinghies and several experienced men will be on hand to handle them.

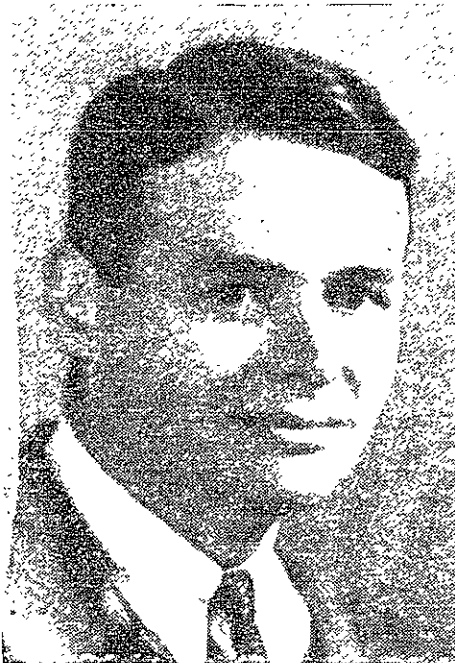
During the past week a class of one hundred and thirty six beginners attended the last summer shore school conducted by Sailing Master Jack Woods. Thirty six of the entering men have been given advanced standing because of previous experience in handling boats. By yesterday 314 students and 64 staff members had joined the club. Since the commencement of the last shore school, 100 new members were enrolled.

Shore school for beginners will start next Tuesday afternoon. Duplicate classes will be held from 4 to 5 and from 5 to 6. The course covering all the requirements for crew will probably take two weeks. In addition, shore school for helmsmen wishing to become racing skippers will be started in two or three weeks.

Goldie Returns As The Coach Of Soccer Team

Coach Malcolm Goldie will return to coach Tech's soccer team for its first practice to be held on the opening day of school. The contest with Amherst ten days later will mark the commencement of the season. This game and another with West Point are the only two out of a schedule of seven games, to be played on the home field. Captain of this year's team will be James M. Gilliss, '38, who also holds the presidency of the M. I. T. A. A.

New Crew Coach



Cedric Valentine, recently appointed head coach of Tech crews

McCarthy Sees Bright Future For Basketeers

With five lettermen back, coach McCarthy of the basketball team is looking forward to a successful season for the Beaver basketeers. Not only does he have Lippit, Katz, co-captains Kangas and Schneider, all seniors, and Herasimchuk, a junior, returning; he will be supplemented by seven good men from last year's frosh team. Practice will start soon after the opening of school.

Coach Hedlund Sends Rallying Call to Frosh

Plenty Competition Present In All Branches Of Track

Oscar Hedlund, Institute track coach today issued his rallying call to the incoming freshmen with special reference to the annual Field Day relay race between the freshmen and Sophomores.

Varsity and freshman cross country starts Monday, although there were already many boys this week out chasing their shadows around the track oval to the cheery accompaniment of "Oscar's" remarks.

Coach Hedlund said: "Each year the incoming freshman class is in a quandary as to the sport that they should take for their recreation. Track and Cross Country have been the major sports in the Institute for many years due to the fact that they require very little time and each man works as an individual, not waiting for a team or a crowd to work together. We have schedules all made out for this year so that the freshmen have plenty of competition both in Track and Cross Country; also handicap meets and our big Interclass meet in November. There is some form of competition each week during the school year which gives each boy an opportunity to try his luck and at the same time creates regular competition either with the boys at school or outside college or prep schools."

"The big event of the fall is the freshman Sophomore Relay Race which is held in October and which has created a great amount of interest each year. This competition involves twenty-four boys and gives everyone a chance to try out and pos-

sibly find a position for them in this interesting race. It also has been a spectacular one and the interest seems to be getting keener and keener each year between these two classes. This form of competition also gives Coaches Hedlund and Bowie an opportunity to see what the freshman class has to offer for the winter and spring meets. During this time of the year the freshmen are given special attention as they are not overlooked due to the fact that they will be possible material for the Varsity team next year. Consequently there is a great deal of time spent on the incoming class."

"To the boys who are novices and who never have done any athletic work previous to coming to the Institute; they should not take this into consideration, but report and try to see if there is some hidden talent in their makeup. The biggest majority of boys reporting each year have had no experience, but before getting through school they become champions in their event."

"Freshmen are later required to take physical training for the first year, but have the privileges of selecting track in place of same and this

Six Members Of Crew Returning This Year

Coach Cedric J. Valentine will be well supported in his first crew at Technology by the six members of last year's eight returning. The men are D. Donald Weir, '38; Jack F. Chapin, '38; Francis W. Hagerty, '38; C. Kingsland Coombs, '38; Albert O. Wilson, '38; and Rolland S. French, '38—coxswain.

Lost by graduation are last year's captain, Wayne M. Pierce, Jr., and John F. Glacken.

Assistant Coach Pat Manning's Junior Varsity will be strengthened by the return of five members of last season's eight.

A mass meeting will be held at the Boathouse on Monday, September 27, at 3:00 p. m.

gives him an excellent opportunity to work out of doors the year round. Coach Hedlund hopes all freshmen who are interested in track and would like to find out what we do will report to the Track House on Monday or Tuesday afternoon and ask all the questions they want."

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A representative will be at T. C. A. Office, Tuesday and Wednesday, Sept. 27-28, 11:30-1:30

DID

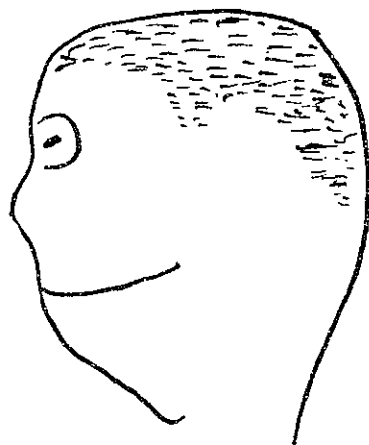


Exhibit A

CASE HISTORIES

Exhibit A: Graduated from the Institute with honors last June. Member of THE TECH staff. Now has a big job paying bigger money with a still bigger concern.

Exhibit B: Sad tale. Also graduated with honors from the Institute last June but did not come out for THE TECH. Now haunts the streets hunting a job.

FRESHMEN

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DIDN'T



Exhibit B

The Tech

Est. 1881

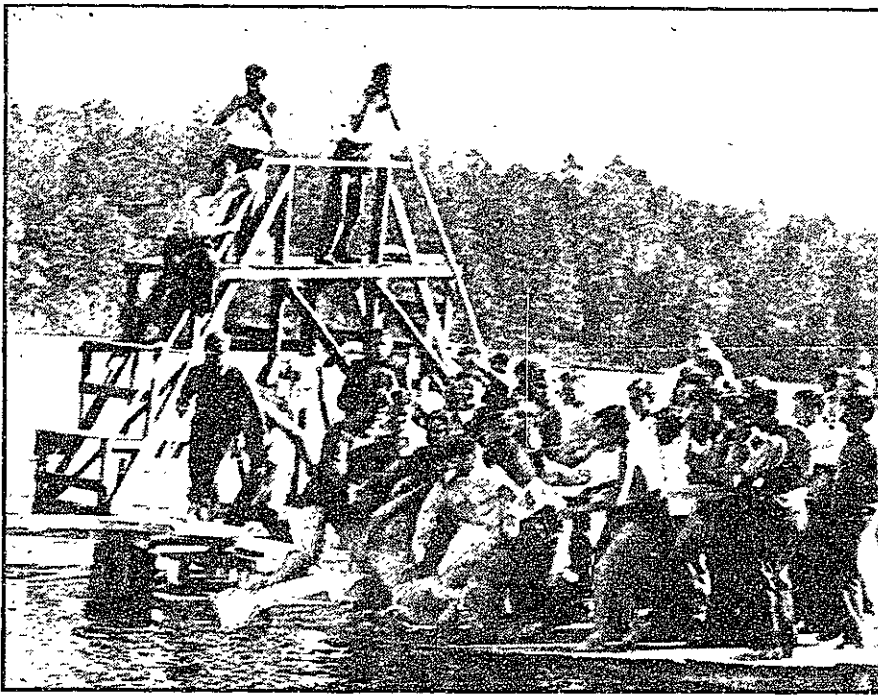
Technology Debaters To Hold Early Rally

Attempting to equal the performance of its senior debating team which last year won the Eastern Intercollegiate Debating League championship, the Institute Debating team plans to get off to a fast start with a smoker scheduled to take place in Walker Memorial.

This rally, at which plans for debating activities for the new year will be discussed, will open to all students interested. Speakers will include Theodore Smith, Professor in the Department of English and History. Following the business session, refreshments will be served.

Peter Bernays, '39, Debate Manager for 1937-38 will attend freshman camp to inform those new students interested in debating of the opportunities for this activity at Technology.

Ducking



Will Soph president get this?

Sophomore Coed Hurt In Automobile Crash

Miss Katerina Zarudnaya, '40, coed student of biology and public health, was severely injured in an automobile accident this summer. Because of the seriousness of the injuries,—a fractured skull and a broken ankle,—Miss Zarudnaya will not return to school for a year.

Ducking

(Continued from Page 1)

panying photograph will be at the camp during the entire three days. Since the picture was taken, Foster has put on weight and has had his face lifted. Freshmen have always found it difficult to find and identify the soph president. Considerable trickery has thwarted their attempts; three years ago the vice-president in a true spirit of martyrdom, masqueraded as the chief executive of his class. He received a ducking, but the president eventually followed him. As a word of friendly encourage-

Staff Members Desiring The Tech Should Notify Office

Members of the Institute Staff who wish to have the Tech delivered during the current year should drop a card to The Tech Business Office, Room 301, Walker Memorial.

ment, Foster telegraphed THE TECH just before the deadline.

I'LL BE PULLING MY PUNCHES STOP CAN'T SPEND ANOTHER YEAR INCARCERATED FOR MAYHEM STOP THE FELLOWS WHO TRIED TO DUCK SEYKOTA PRESIDENT OF LAST YEARS SOPHS ARE SLOWLY RECOVERING.

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Regularly.

400 Registrations on Last Day Raises Total to 2763

2763 registrations were received at the cashier's office at closing time last night. Approximately 400 of these were received yesterday. This is nearly the entire enrollment of the school.

Freshman Camp

(Continued from Page 1)

capacity of "Sky Pilot", the leader of group discussions.

In addition to the speeches by the captains of the various athletic teams, two shells and two dinghies will be taken up to camp to illustrate the athletic activities of the Institute. Scabbard and Blade, the honorary military fraternity will be represented for the first time. Also, for the first time, the president of the sophomore class, Raymond Foster, will not be a camp councillor. Thus the freshmen will have a more difficult job in catching him for his annual immersion.

Infirmary List

C. Hawley Cartwright; Sheng H. Fang, G.; Yao Tzu Li, G.; William H. Ratliff, Jr., G.

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CALENDAR

Friday, Sept. 24

2:30 P. M.—Freshman Camp begins (See camp schedule on page 1).
4 P. M.—Freshman Coed Tea—Margaret Cheney Room.

Monday, Sept. 27

8 A. M.—The Tech Breakfast.
9 A. M.—3:30 P. M.—Registration.
3 P. M.—Rally at Boathouse.
4 P. M.—Tea for Women Students—Margaret Cheney Room.
6:30 P. M.—10:00 P. M.—All Tech smoker—Main Hall, Walker Memorial.

Tech To Stop Making Own Electric Power

Cambridge Electric Company Will Relieve Burden

Late this year the Institute will begin buying all its electric power from the Cambridge Electric Light Company and thereafter Technology's power plant will be used exclusively for heating purposes. This change in power supply is due to the fact that the present power plant cannot meet further demands for power which have steadily increased during the past few years. In addition to the present power load, the new wind tunnel and the powerful magnet developed by Dr. Francis Bitter for metallurgical and low temperature research will greatly increase the demands for power in the immediate future.

A study of these power needs indicated that the most economical plan would be to use the present power plant for heating purposes and buy electric power from outside sources, thus avoiding a heavy capital expenditure for enlargement of the Institute's power plant.

Frosh Smoker

(Continued from Page 1)

be brought before the assembled freshmen, to say nothing of one of Walker's excellent dinners. Addresses will be given by Professors A. A. Schaefer, Frederick G. Fassett, who will review the accomplishments of the various publications, Leicester F. Hamilton, who will discuss the musical clubs, and Dr. J. A. Rockwell, who will describe the accomplishments of Technology athletes.

The ever-popular Obie Denison will be the mainstay of the light entertainment. The new Tech men will listen to renditions of "Women, women, WOMEN" and other old favorites by Obie, and then join him in singing the Technology songs. Wrestlers and fencers will also aid in recapturing wandering minds.

Admission will be only by free ticket which may be obtained in the Main Lobby on Registration Day.

Entering students, including transfer students as well as freshmen, will assemble for the first time in one body, and to add to acquaintances made at freshman camp. When the smoker ends at 10 o'clock with the singing of the stein song, the Class of 1941 will leave the hall with a feeling of being part of Technology and sharing its glorious traditions.

"Obie" Denison



Entertainer at freshman camp and All-Technology Smoker

Case School Sophs Seek Frosh President

Frosh president must beware of the Sophomores at Case School of Applied Science in Cleveland. At that school the president of the Class of '41 has a price on his head—\$10,000 worth of insurance with Lloyd's of London. That sum of money will be paid by Lloyd's if the Sophomores succeed in kidnapping the Frosh president before the annual freshman-sophomore bag-rush.

Hitching rings fastened into the curbs are still in evidence on Green Street in Cambridge, beside the Municipal Building, housing the police headquarters.

There are five such rings available for hitching horses, although it is rarely that a horse would have a chance to get near them with automobiles parked along the curbing most of the time.

The rings have been there for many years and long before the present building was constructed.

Gridiron

(Continued from Page 1)

Newton Le Roy Hammond, Jr., '38 of Technique, who will describe the business department of a publication; and James B. Hess, '38, of the Tech Engineering News, who will discuss make-up of printed matter.

The banquet is the outcome of an attempt by Gridiron to give freshmen undecided between the various publications at Technology an opportunity to hear and talk with representatives of all four, and further gain a practical idea of the scope of their various activities. As in previous years, the banquet will be followed later in the week by smokers given by the individual publications.

Admission to the affair will be by invitation only. The invitations will be mailed to all freshmen who are known to be interested in writing for publication, and those overlooked may obtain invitations from William F. Pulver, '39, Secretary of Gridiron.

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