

THE TECH

VOL. XXXII. NO. 103

BOSTON, MASS., THURSDAY, MARCH 6, 1913

PRICE FIVE CENTS

MEMORIAL FROM STUDENT VIEWPOINT

Facilities Should Be Attractive
and Useful—Harmony the
Essential Note.

The Walker Memorial has three distinct purposes to serve when the Institute moves to Cambridge. It must first of all serve as a student club house and office building; it should be so adapted as to take the place of the Technology Club with the Faculty; and thirdly, it should serve as a mecca for all alumni of the Institute.

Of course the bulk of the building should be adapted to student needs, but no more fitting tribute could be paid the splendid alumni who have provided the present Union, than to have "open house" for them at all times in the new Union. And no better use could be made of a part of our Memorial than to have it serve as a common meeting place for our friends, the Faculty, where both students and teachers could meet in a purely social way.

A great deal of discussion has been going abroad as to whether the eating center of the students should not also be in the Memorial. It seems wise that this feature of the Tech life should be taken care of in another building, but so closely connected to the Memorial as to serve as a real feature in the student center.

Another point upon which many men disagree is whether membership dues should be levied upon students and Faculty for use of the Memorial. Some argue that it would give men more of a feeling of ownership, and that consequently each man would have a personal pride in his club house. Others answer this by saying that some men—undoubtedly few in number—would feel that because they had paid a small assessment that they could be less careful about their use of the Memorial. In any event, the behavior of the students in our present Union is being carefully watched by those who will have a voice in the decision of the question, and it now behooves every undergraduate to not only do his part in showing that we are quite capable of entering into the true spirit of our new Memorial, but to also help his more unfortunate fellow students to do the same.

The Freshmen have a great pleasure and experience in store for them, and all members of the Class of 1916 should begin now to make a most careful study of student life at the Institute, so that they will be fully informed when it becomes their place as Seniors to take part in the handling of the Memorial during its first year. May they "make good" and do all that the Alumni, the Faculty and their fellow students can expect of them.

H. D. Peck.

THE WALKER MEMORIAL AS AN ALUMNI CLUB

Graduates of the Institute to be
Accorded Associate
Privileges.

There is no more pleasant anticipation for a Technology graduate than to be able to come back for a visit to his Alma Mater and find here a place where he can again live the life of a Tech man, be one of the boys, and learn the new Tech life, even if it is only for one day.

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LASTING AND FITTING TRIBUTE

TO OUR FORMER PRESIDENT.

New Memorial is Outcome of Work Begun by President Walker in the Latter Part of His Administration.



GEN. FRANCIS A. WALKER.

Francis Amasa Walker was born in Boston in 1830 and spent the early part of his life in North Brookfield, Mass. He graduated with scholarship honors at Amherst College and then studied law for a short time, giving it up to enlist in the Civil War. After the war his work was varied and he was a professor at the Institute at the death of President Rogers, whose place he was elected to fill.

During the last part of his administration, President Walker became interested in the idea of a general meeting place for the students. Though he did not live to see the fulfillment of his project, his plans were carried on and developed by the alumni, who financed to the extent of considerably over a hundred thou-

sand dollars a plan for the Walker Memorial Gymnasium. Owing to the agitation over a new site and the Harvard merger, nothing could then be done in the way of a new building. In 1908 the present Union was built for the use of the students until the matter of the new site should be settled. With the settlement of the new site controversy the necessity of the gymnasium as planned was removed and the new Walker Memorial will be, as the Union is today, a large social gathering place.

This Memorial will be a lasting tribute to the memory of President Walker, who tried so hard to establish a place for the comfort and pleasure of the students of the Institute.

FINAL DATE FOR PORTFOLIO PICTURES

None Received after March 10.
Proof Must Be Handed In.

The Senior Portfolio Committee announces that Saturday, March 10, is the last opportunity that the Seniors will be given to have their pictures taken for the portfolio. After this date no picture can possibly be placed in the book. Proofs of these pictures must be handed in not later than 5 o'clock Tuesday. If these proofs are

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IN MEMORY OF LATE PROF. DESPRADALLE

Three Boston Institutions to Pay
Him Honor. Exhibit of Many
Important Works.

In memory of the late Professor Constant Désiré Despradelle, the three great institutions with which he was connected, will together hold a meeting on Monday evening next in Copley Hall. These institutions are the Boston Society of Architects, the Massachusetts Institute of Technol-

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MEMORIAL WILL BE UNDERGRADUATE CLUB

Responsibility for Management
to Fall Largely on
Students.

The development of the scope of the Walker Memorial so that it may cover the social needs of the students has been one of the most important tasks of the Walker Memorial Committee. The fund started years ago as a memorial to General Walker was originally intended to be expended on a gymnasium. Now that the complete physical recreation of the Institute is planned it is found best to separate the gymnasium from the Memorial, and to make the Memorial a great undergraduate club, with an associate membership open to the alumni and officers of instruction.

The responsibility for the management of the Club will fall largely on the undergraduates, through their Institute Committee. A reasonable membership fee will give to the students a sense of ownership, and will relieve the burden on endowment. But alumni and faculty will be urged to maintain associate membership, and the undergraduates will be ex-

(Continued on Page 5.)

INSIDE ARRANGEMENTS FOR WALKER MEMORIAL

More Suggestions Desired from
Student Body of the
Institute.

Many and varied have been the suggestions relative to the Walker Memorial, but few have been received from those persons whom one would expect to be most interested in it—the students.

A few of the suggestions that were proposed by alumni of the Institute are as follows: It was suggested that the first floor of the building be used entirely for dining rooms, of which there should be three—a forty-cent table d'hôte, a twenty-five-cent table d'hôte, and an a la carte dining room. It was suggested further, that a number of small private dining rooms be provided for the use of students wishing to give some special treat to their friends.

It was practically agreed that the building was to have a large trophy room and social room, much as in our present Union, this room to have a high ceiling and a large fire-place. Another suggestion which was very well received is that several small rooms be provided equipped with fireplace as "get-together" places for the members of the faculty and students. These rooms are not to be used as class rooms or lecture halls, but are intended to be used for informal talks in the evenings with everybody comfortable about an open fire.

Of course, there will be the ever-present candy and cigar counter as well as check rooms, letter boxes, etc. A suggestion which is sure to meet with the approval of such of us as have to hike from the top floor of Pierce to the top floor of Rogers is that an escalator be part of the equipment of the Walker Memorial. That will make one place, at least, where the tired and foot-sore student will not have to climb.

A question which seems hard to decide is whether or not there shall

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THE TECH

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THURSDAY, MARCH 6, 1913

In publishing this special Walker Memorial issue we have endeavored to place before the student body the various problems that are presenting themselves for solution, not only regarding the Walker Memorial itself, but also the closely allied matters that must of necessity introduce themselves when any student conditions are considered at the New Technology. Our purpose in bringing out such an issue is two-fold,—first, we feel that every subject under discussion is of very vital interest to every Tech man; and second, by far the most important, we sincerely hope that a critical interest will be raised which will induce suggestions from every man who feels that he can better the ideas or plans already set forth, or offer any arguments which will lead to the best ultimate decisions.

It should be distinctly understood that the suggestions here set forth are purely tentative, and in some cases even the plans which we have been able to obtain have been practically discarded as wholly unfit. Everything is an open question, and one in which the general ideas of the whole undergraduate body as well as of any other interested persons are sought without limitation. Nothing has been decided to the extent that if a better scheme is presented it cannot be incorporated into the general plan at once.

The suggested plans of the Walker Memorial should be studied carefully with a view to the wholly different life which will exist in Cambridge. Is the arrangement the best? Is there sufficient room for the increase in enrollment which is bound to come within a few years?

No less careful attention should be given to the student housing problem and the dining hall. What would be the most satisfactory arrangements if we were choosing in absolute freedom, and what is going to bring about the greatest harmony in student life and build up a stronger feeling of unity among the undergraduates during their leisure hours which in any college life are so closely associated with their eating arrangements?

Every problem should receive careful thought, not only from the student point of view, but from the Faculty point of view and the Alumni as well.

Let us all put our best efforts into this problem, and do so with an earnestness that will result in giving Technology men the finest undergraduate life that is found in the world, a condition which will be the most fitting monument to President Walker that can ever exist.

PROPOSED PLANS FOR DORMITORIES

Many Things to Be Considered in Student Housing Problem.

One of the most important problems presented to the builders of the New Technology is that of providing suitable accommodations for the large number of Institute students who cannot live at their own homes during the school year. The solution of this problem is unusually difficult for Technology, both because it has had no previous experience with regard to student housing and it can hardly rely on the solutions made by other colleges where, for the most part, conditions are entirely different from those which will exist at the new site. In working out the problem, the general character of the Institute students and their needs, as well as the mere constructive features, are important factors, and herein lies the great difference between student housing at Technology and at other large schools. The principle adopted by

FRATERNITIES TO RELOCATE NEAR SITE

Three Chapters Intend to Build New Houses on the Esplanade.

The logical location for the fraternity houses at the "New Technology" will be on the campus. Unfortunately this campus is not large enough to accommodate the fraternities in the manner which would be most satisfactory to their members. Will not the result probably be that each society will secure land and build at no great distance from the Institute site in Cambridge. The most attractive available property in that vicinity is that and located on the banks of the Charles, just above Massachusetts avenue and beyond the Riverbank Court. Three fraternities have already purchased sites in this location, and, without doubt, more will follow in their footsteps. Some few fraternities informally expressed their intention of remaining on this side of the river, but these will probably be in the minority.

STUDENT WALKER MEMORIAL COMMITTEE

Six Upperclassmen Helping to Make the Memorial Supply Student Needs.

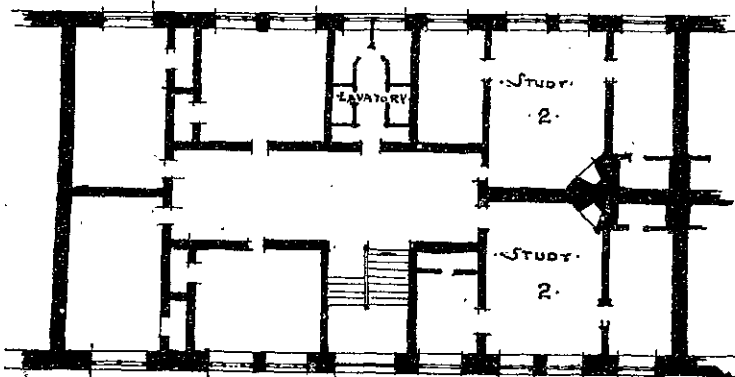
As everyone is undoubtedly aware, the Walker Memorial at the New Technology is to be a student's club, and therefore those men who are making the plans for the New Institute desired to know the opinions of the undergraduate body regarding arrangement, size and facilities to be provided. Accordingly, the Institute Committee, at the request of the Alumni and Faculty Committees, elected an Undergraduate Walker Memorial Committee, consisting of six members of the two upper classes. This committee was chosen as representative of the undergraduate body, and therefore as a medium through which the opinions of the students could reach the members of the Arrangements Committee.

This undergraduate committee obtained data of various kinds for the Alumni Committee on Student Housing at the New Technology, and together discussed the needs of the students. The plans for the Walker Memorial, Commons, Gymnasium, Dormitories and other buildings connected with the undergraduate body were studied and criticized from the student's point of view and discussed by the committee.

On Wednesday evening, Feb. 26, 1913, this Undergraduate Committee met with the Faculty and Alumni Committees and presented their suggestions and arguments for certain changes in the tentative plans, as now drawn up. Many matters were discussed in detail, and the suggestions made by the Undergraduate Committee are being very seriously considered by the Alumni Committees.

Owing to the fact that the Technology is situated under conditions that exist at no other institution, a great many difficulties arise which are incapable of solution without the necessary years of experience. Such matters as the housing of students in dormitories at an institution situated as this one is in the midst of a large city, and also the provisions necessary for athletics in the form of an athletic field and gymnasium, require a great deal of thought and study. The Alumni Committees are considering all sides of these questions seriously and are aiming to do all planning for the benefit of the students. The future students of Technology are deeply indebted to these Alumni and members of the Faculty who are sacrificing so much of their time and energy in an endeavor to make the New Technology the most attractive and desirable institution of learning from the student's point of view in the country.

Larry C. Hart, '13.



A SKETCH FOR A GROUP OF FOUR SINGLE ROOMS AND FOUR ROOMS WITH CONNECTING STUDIES.

(SECOND FLOOR PLAN) SCALE 1 IN. = 20 FT.
(These Plans Are Only Tentative.)

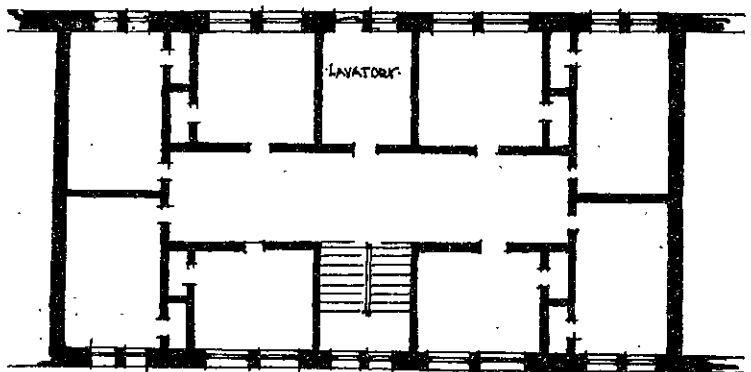
the Institute is the combination of the experiences gained from colleges whose conditions are similar, and whatever originality may be necessary to adapt these to conditions as they will exist in Cambridge.

As yet all plans for dormitories and other buildings to meet the social needs of students are merely tentative and very little has been definitely decided. It has been agreed, however, that of the two general types of dormitories the "stairway" rather than the "hotel" plan will be used. These "stairways" are small units with accommodations for about forty students and the latest plans provide for eight rooms on the floor. There will be either a large lounging room on the first floor or separate studies in connection with most of the rooms. In the latter case the large dining room and the Walker Memorial will be relied upon to give a more democratic spirit to student life.

This question of dining facilities is very intimately connected with the one of the position which the fraternities will occupy at the new site. It is still an open question whether they be provided for on the campus or made to conduct their houses as heretofore. If they are to be provided for on the campus new site itself, separate dining rooms will be necessary, but it does not seem best to give them better accommodations than are available for the non-fraternal students. The general opinion at present is that there will be small dining rooms in several of the "stairways" for fraternities and whatever other groups of students may desire them, while at the same time leaving the large dining hall for the use of the majority. It is estimated there are also about one hundred members of the faculty for whom several "stairways" would have to be provided.

As to the location and architectural features of the dormitories, they will

be four or five stories in height and built completely surrounding square yards or "quads," much the same as is the custom in English universities. They will be of essentially fireproof construction and their architecture will of course conform to that of the other Institute buildings. The "stairways" will be furnished with everything necessary for the comfort of the students, but individuality in the furnishing of the rooms will be encouraged in order to make the atmosphere as homelike as possible. The houses will be near the centers of social life, such as the field and the Walker Memorial, rather than the educational buildings proper. It is thought that \$1,200 is a safe figure to place on the total cost per student for constructing and furnishing the dormitories.



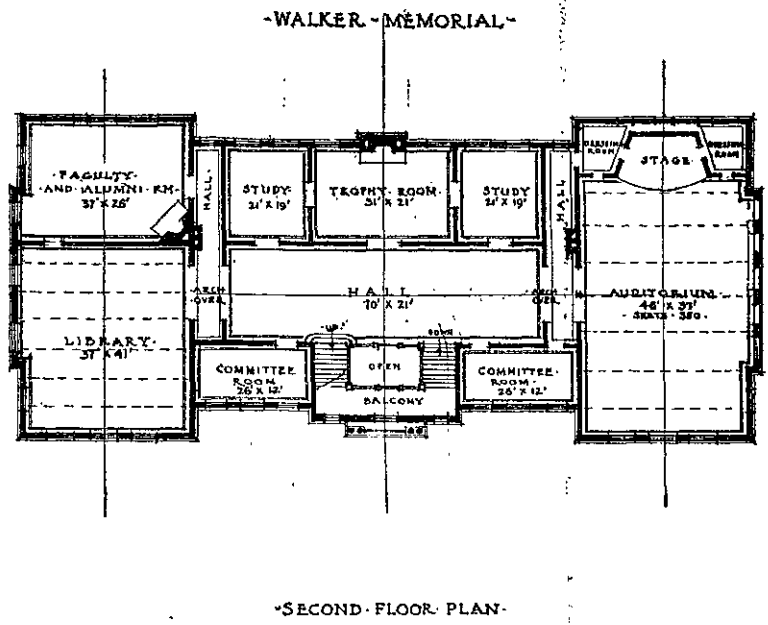
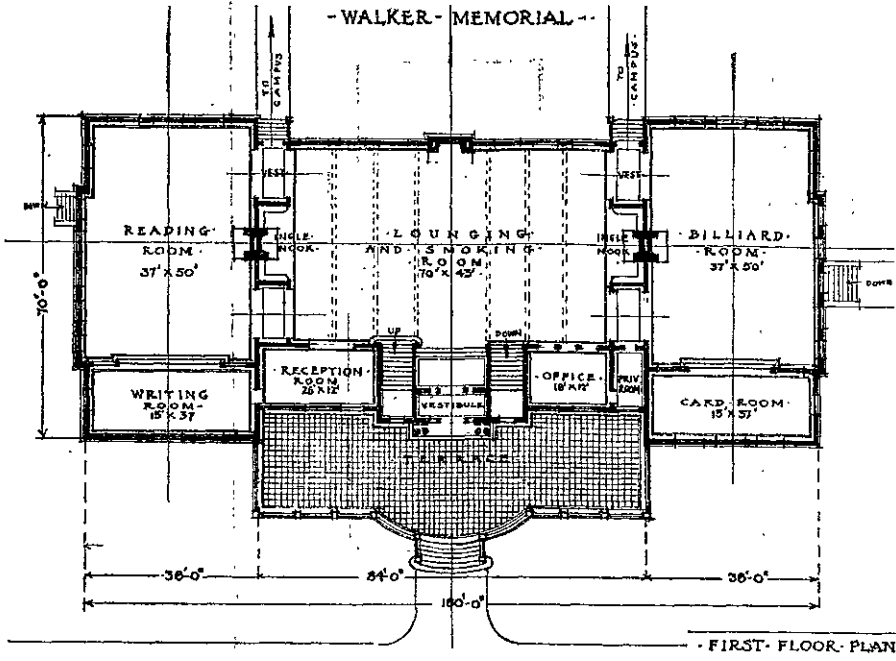
A SKETCH FOR AN ARRANGEMENT OF ROOMS FOR STUDENTS LIVING ALONE.

(These Plans Are Only Tentative.)

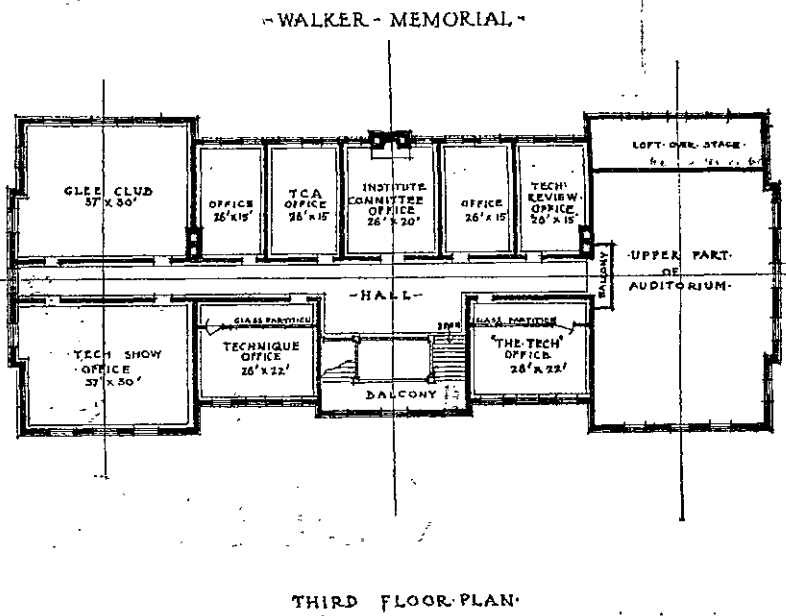
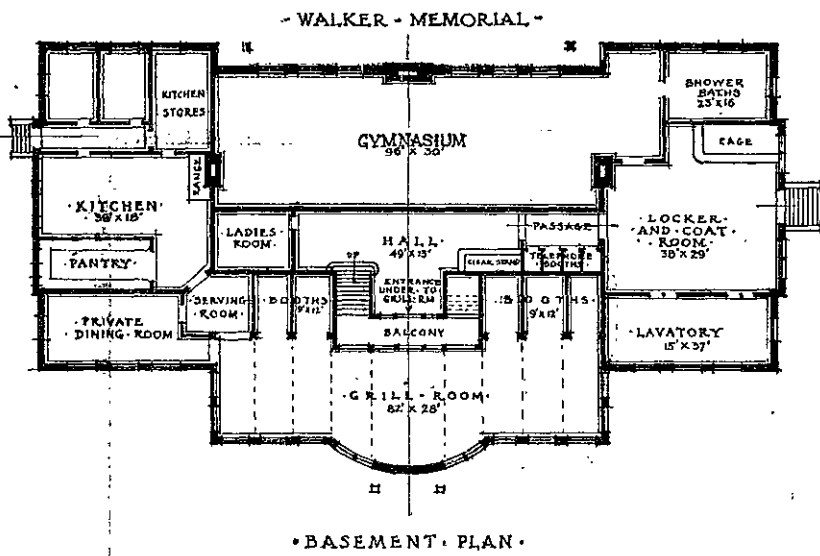
The whole matter is being considered by men who have the welfare of the undergraduates at heart and who are also thoroughly capable of dealing with the problem from the engineering standpoint. Their decision will undoubtedly be a credit to all Technology—the Old and the New alike.

The Alumni have been kind enough to appropriate the money; why should not the student body contribute their ideas to the design of the Memorial.

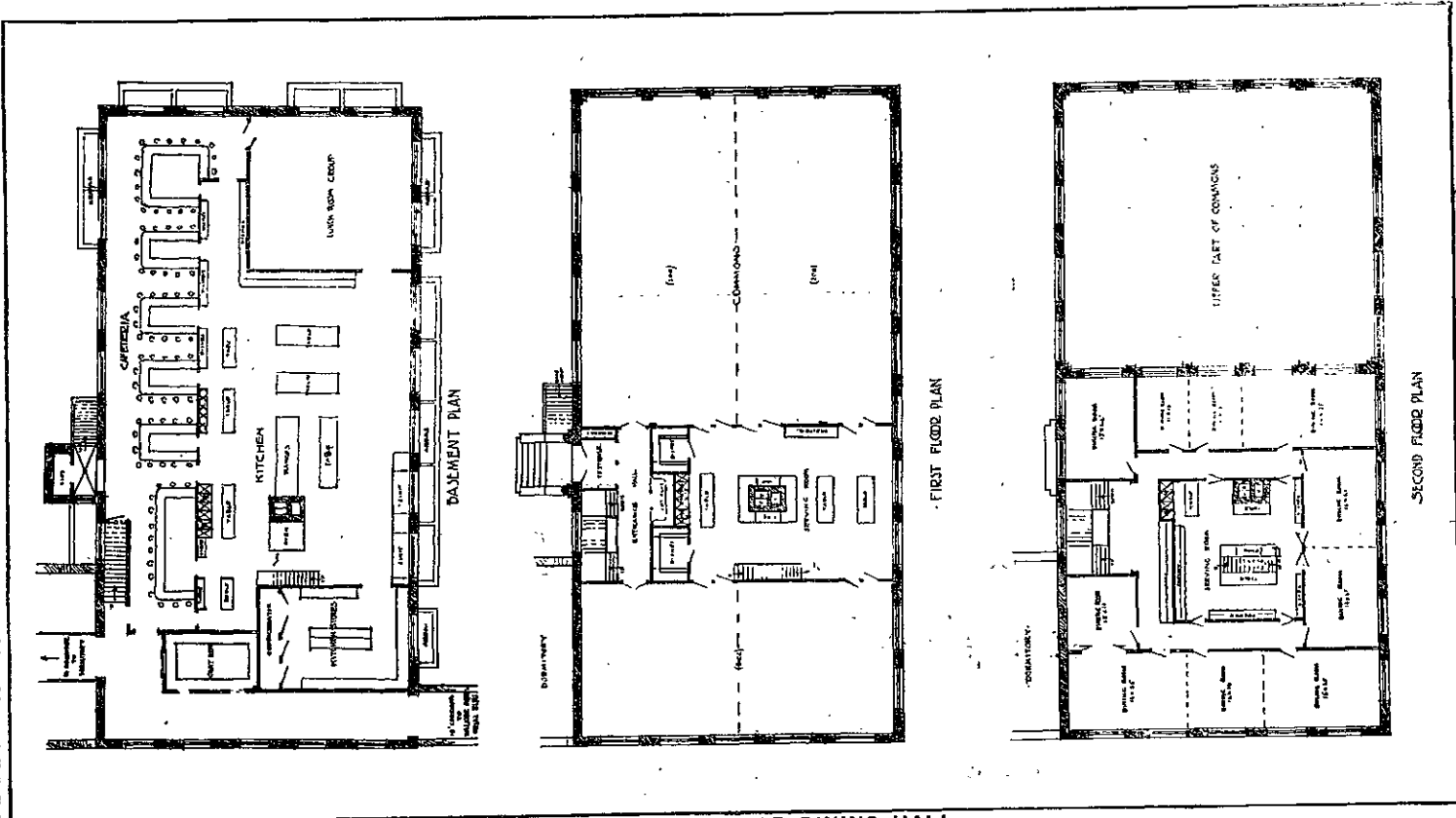
What a chance for athletic activities over the river!



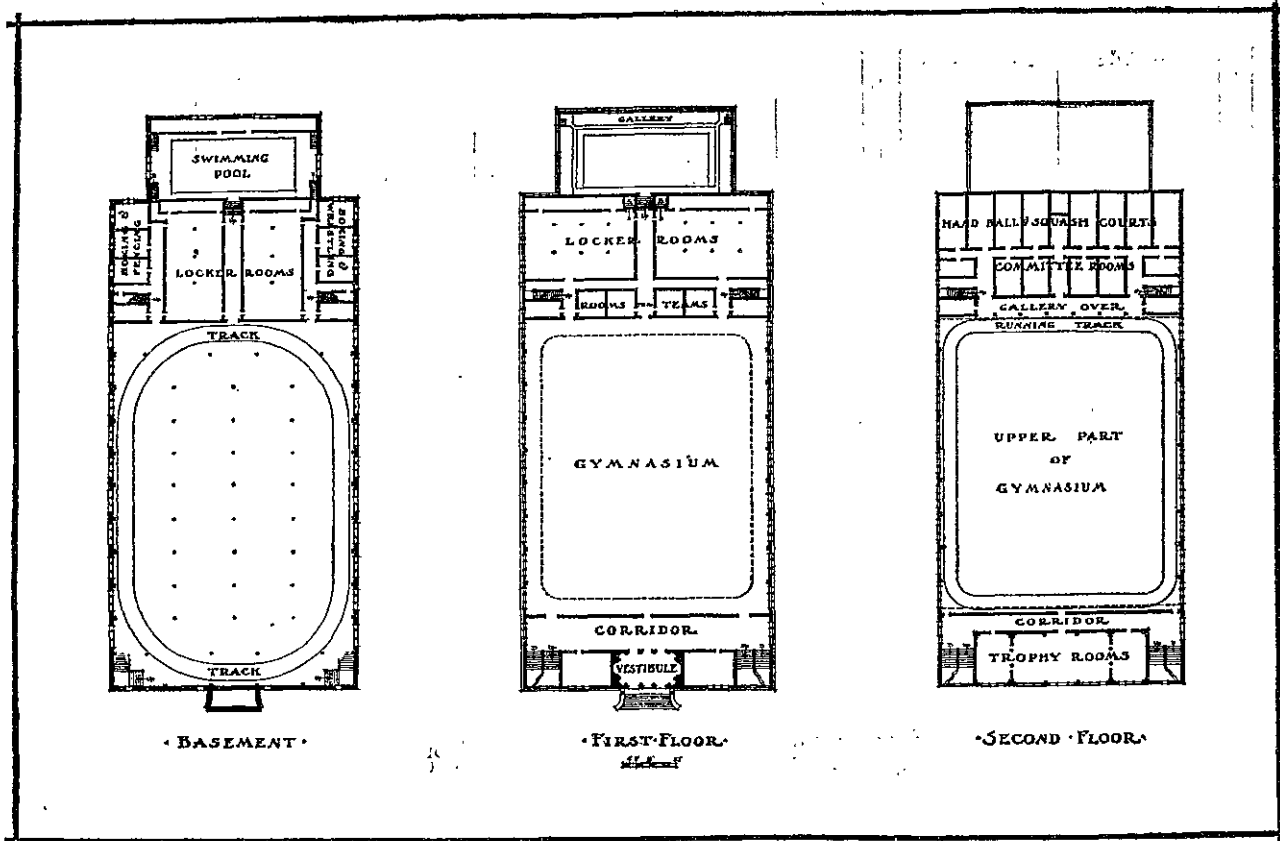
THE ESPLANADE



A PLAN FOR THE WALKER MEMORIAL.
(These Plans Are Only Tentative.)



SUGGESTIONS FOR DINING HALL.
(These Plans Are Only Tentative.)



A PLAN FOR THE GYMNASIUM.
(These Plans Are Only Tentative.)

L. PINKOS

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Styles the latest.

WORKMANSHIP THE BEST.

L. PINKOS

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DESCRIPTION OF NEW TECHNOLOGY GYM

To Contain Cinder Track, Trophy Room, Swimming Pool, and Gym. Apparatus.

It has always been the policy of the Institute to give a course in physical education that will aid the student's mental powers and give him a sound body with which to face the difficult work of later life. Therefore it is important that the gymnasium and athletic field be close to the residential section. To obtain this result the gymnasium should be at one end of the field, and the Walker Memorial at the other end.

Furthermore, the Institute is growing, and provision for this growth must not be neglected in the gymnasium. Generous accommodations must be made for all branches of physical exercise.

The gymnasium building might be 50 feet wide and 300 feet in length. The ground floor could contain a cinder track, and places for jumping, pole-vaulting, tennis, squash, and hand-ball. To this end the floor could be composed of cinders and lay to insure good footing. Provision would also be made for shower baths and locker rooms.

The main exercising floor would be about 100 feet wide and 150 feet long, well equipped with all modern apparatus. A running track could be suspended at least twelve feet from the floor, surrounding the room.

The track would be accessible by winding stairways. This track may be banked and covered with cork linoleum. The entire room should be well enough lighted by windows to remove the risk of leaking skylights. The windows will be high enough above the floor so as not to interfere with the placing of apparatus on the walls.

On the next floor could be a trophy room, and a gallery overlooking the gymnasium floor.

At one end of the main gymnasium or boxing and fencing rooms, resting rooms, and a room for corrective gymnastics can be placed. Above these rooms would be the quarters of the managers of athletic teams, dressing rooms for visiting teams, examining rooms, etc.

It is suggested that the swimming pool should adjoin the gymnasium; it is also suggested that every Freshman be compelled to pass an examination in swimming before the end of the first year. The building might be 100 by 60 feet, giving room for a pool 75 by 30 feet. At one end of the pool will be a space for a run adjacent to diving. The pool could be nine feet deep at one end, and gradually decrease to four and one-half of the other. Above the pool gallery capable of seating several hundred could be constructed. An tractor in swimming should always be in attendance as a precaution in case of accidents.

This gymnasium and pool should properly provide for the physical welfare of the students, and send them forth physically fit to accomplish their life work.

MEMORIAL AND ALUMNI.

(Continued from Page 1.)

is one of the things for which the Walker Memorial will serve and in this respect it should be a Tech building in the highest sense and be the center of the new Tech life.

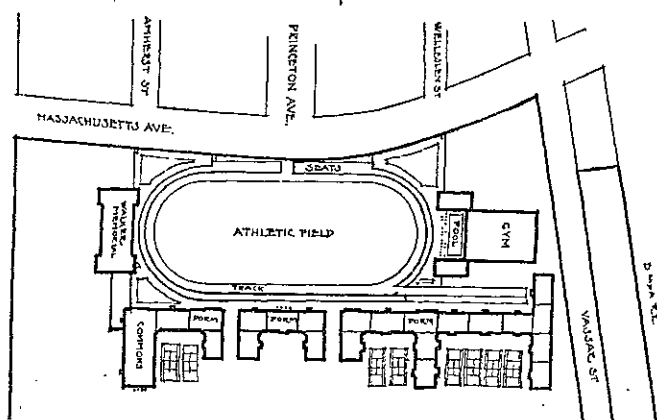
It is proposed to have all of the alumni as associate members of the Tech, paying no dues, and entitled to all privileges. They might be invited to become active members and pay a small tax, for in this way the alumni could help pay the considerable expense necessary to maintain the institution.

The alumni having shown such wonderful spirit in making it possible for this institution to become a reality, expects a memorial worthy of their respect and love for a man whose name they seek to preserve.

IDEAL CONDITIONS FOR ATHLETICS

New Site Offers Opportunity for Great Development of Sports.

With the building of the new Technology will come an increased development in all branches of athletics at the Institute. The sport, which is now the major sport, will have conditions for its betterment which are not to be found in any other college in the world. The tennis team will have new and up-to-date courts at its disposal; the Hare and Hound Club will not have to search for suitable places to start its runs. In fact all the teams, outdoor as well as indoor, will have new and splendid opportunities for advancement, such that, if taken advantage of, cannot help but develop into championship teams. The reason for all this lies in the fact that



ONE OF THE PLANS SUBMITTED FOR LOCATION OF WALKER MEMORIAL, STUDENT HOUSES, GYM AND ATHLETIC FIELD. (These Plans Are Only Tentative.)

the athletic teams at the new Technology will have at their disposal a thoroughly new and up-to-date gymnasium, running track, athletic field, which, according to plans now under consideration, will be the finest of its kind that can be built.

The track team will have another benefit aside from a new field gym, etc., in that men living at home will now be able to come out for it, since all means for practice will be at their disposal only a step from the class rooms. The inaccessibility of the field has been one of the most serious handicaps to the team. With the building of the new field conditions will exist which will not be equalled by either the Stadium or Franklin Field. Plans are under way for the construction of a quarter mile straight-away, a thing which does not exist at any other college today, but which will be possible with the space now existing. With the new track the holding of the N. E. I. C. A. A. championships should be a fixture, and in all possibility the annual I. C. A. A. A. meet will be held more often at the Institute than at the Stadium.

For winter work the track team will have a cinder track in the basement of the gym as well as a regular indoor track and outdoor board track, so that the men can keep in the pink of condition the year round.

The new gym will provide unexcelled means for gym and wrestling teams. Due to poor equipment, the gym team has died a natural death, but with the new gym the team will be reorganized and should prove of championship calibre. A wrestling team will also have unusual conditions for its future development. The swimming team, which has also fallen by the wayside, will be revived. With a new and up-to-date pool, swimming may be made a part of the regular physical training, which would aid the swimming team. Also the regular compulsory gym work will be changed so that more

DR. MILLMAN TO SPEAK TO MINERS FRIDAY

Subject, "The Black Diamond," Should Prove of Great Interest to Many Men.

At the meeting of the Mining Engineering Society, which is to be held on Friday afternoon at 4 o'clock in the Union, Dr. F. R. Millman will give an illustrated lecture on "The Black Diamond." Dr. Millman has been spending a few days in Boston, where he has given many talks before the schools of the city. Through the efforts of the officers he has been obtained to speak to the society. On account of the widespread interest which has been exhibited in his talks on coal, the attendance at the meeting will not be restricted to the members of the society, but anyone who is interested in the subject is cordially invited.

THE DINING ROOM AND THE FRATERNITIES

Special Dining Privileges to be Open to Non-Fraternal Associations.

The question of dining rooms in the proposed student houses has been the subject of much careful consideration, and some difference of opinion. On the one hand the central dining hall should be more economical and more democratic—a great integrating force. On the other hand the fraternities, being naturally unwilling to sacrifice so important an element in fraternity life, may remain outside the campus altogether, which would be unfortunate. It has seemed to the writer that a wise solution of this problem might be accomplished by providing some student houses with dining rooms and some without, but not restricting the former type to fraternities. Then a voluntary group of non-fraternity students, willing to pay the necessarily higher cost might secure a section with a dining room, thus enjoying some of the advantages of fraternity life. This would, at the same time, relieve the difficulties inseparable from trying to provide luncheon for all in the general dining room.

H. W. Tyler, '84.

Another of the proposed plans which seems to meet with more approval shows the Commons and dormitories replacing the field, the gym on the corner of Massachusetts avenue and Vassar street, and the Oval bordering on Vassar street.

SUGGESTIONS WANTED.

(Continued from Page 1.)

be any bed-rooms in the building. It is suggested that several would be useful for the use of visiting alumni, but the men in charge are not agreed on the necessity of providing visitors to the Institute with rooms on the campus. An emergency hospital will, of course, have to be provided for first aid treatment to those injured in the gymnasium and on the campus.

Several pianos were suggested as a desirable adjunct to the new building, and it is further suggested that they be placed far enough apart to prevent their interfering with each other and producing those unpleasant discords which only two pianos playing separate tunes seem capable of producing.

These, then, are a few of the suggestions which the alumni of the Institute have thought out. Some little idea may be gained from them as to what the Walker Memorial is expected to be, but many more suggestions will have to be made before the building will become what we hope—the finest college Union in the world. For this reason, it was thought that the very best plans possible would be to have the students suggest what they would personally like to see in the new Memorial. The alumni feel that the present-day students know better what they would like than graduates of the Institute, and for this reason all students who have any ideas on the equipment or on the treatment of Walker Memorial are requested to send them to the Undergraduate Committee.

PROF. DESPRADELLE

(Continued from Page 1.)

ogy and the Boston Architectural Club. The memorial meeting will mark also the opening of an exhibition of the works of Professor Despradelle, which will occupy Copley and Allston halls, being open daily from 10 A. M. to 9 P. M. till Saturday evening, March 15. On account of the limited space the admission to the meeting of Monday evening will be by ticket, but the exhibition will be free to the public.

apparatus work will be given, as well as swimming, boxing, and wrestling, so that in this manner new material will be unearthed for the teams.

The tennis team will also have the most favorable conditions for its betterment. New courts will be constructed within a step of the buildings, and accommodations will be made for a sufficient number of players, so that enough men can turn out to enable a good team to be picked. The Hare and Hounds' Club, in connection with the cross-country runners, will have ideal conditions for their starts and finishes, but a good course will be lacking. However, more fellows will turn out for the runs, owing to the same conditions that favor the other teams, namely, that they can start from their own gym and have a swim at the end.

STUDENT LIFE.

(Continued from Page 1.)

pected to maintain "open house" for returning alumni.

Although the Gymnasium will be separated from the Memorial, there will probably be a room in the basement of the Memorial itself in which there will be gymnasium apparatus for the use of both faculty and students.

A desire to provide for the most beneficial student life has led the Walker Memorial Committee to ponder long over the question as to whether the dining halls should be incorporated with the Memorial. Such a combination would have the advantage of bringing a large portion of the students into the union daily, but the character of the rooms must be such that more than a thousand students may eat their lunches there in a brief noon period, at a minimum, or very moderate, cost. The committee believes that the problem of eating under these conditions of stress should not be complicated by combining the dining-rooms with anything else, not even the Memorial.

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SPECIAL.

THURSDAY EVENING, March 6, at 8 O'clock.

FIRST TIME IN NEW ENGLAND, Alphonse Daudet's Drama,

L'ARLESIENNE.

With the Incidental Music for Orchestra and Chorus, composed by G. BIZET.

Presented by the P. Paul Marcel Company of French Players, and by the Orchestra and Chorus of the Boston Opera House, under the Direction of Mr. Andre-Caplet.

The Cast includes Mmes. Zegarra, Marcel, Marsoll, Morelli, and MM. Marcel, Dumestre, Benedict, Melvil, Lours, Herve and Bourquin.

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These plans are tentative and open to criticism of all sorts.

PORTFOLIO PICTURES

(Continued from Page 1.)

not handed in the committee will use its own judgment as to which picture shall be published. The committee also desires that the men who have not yet handed in their history blanks would do so at once. Delay in handing in these blanks will cause delay in the publishing of the book, and may possibly be the cause of their not being put in at all.

The committee intends at present to publish the book about May 1. There are twenty sign up books out, so ample opportunity is afforded those who wish a copy of the book to sign up. These sign up books will be out only three week longer, so it is wise to sign up at once if one wishes a copy of the book.

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