

The New Technology—Administration Building as it appeared in July

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## WALLS OF NEW BUILDING COMPLETE

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All the Stone and Brick Set and Rough Partitions Well  
Along Toward Completion—Concrete Now Being  
Poured for Library Dome

Workmen on the New Technology buildings were busy the last of June in preparing concrete molds for the dome of the central Library Building, all the concrete on this last building having been poured. This completes the skyline of the group and its magnificent grandeur impresses the beholder even from very distant points where the Cambridge side of the basin can be seen.

The workmen have begun setting the great stone columns in the front of the Library Building, a part of the stone carving has been completed, and names of prominent scientists are now being cut on the entablatures.

The rough partitions have practically all been set except in Building 17 and workmen are now engaged in laying the floors, erecting elevators, running ducts, etc. The roof structures are all done excepting the skylights which are about half completed.

The stone-setters and the brick-layers are practically through with their work, the metal sashes and frames are in place and the glazing will probably be completed within two or three weeks.

By the time the Institute opens in the fall, the building work will be completed and the work of fitting well begun. The great court which is now piled with building material and littered with débris ought to be cleaned up within a few weeks. As soon as the ducts, which are to bring in the water from the Charles River, are completed, the landscape gardener can begin his work on the court.

A detailed account of the progress of the work, as reported by the Stone & Webster Engineering Corporation, June 10, is as follows:

With the exception of the steps and the areaway copings of the basement entrance to Building No. 8 in the secondary court, the setting of all of the granite has been completed.

The setting of the limestone has been completed for Buildings Nos. 1 to 8 inclusive, and there still remains only a small portion of the work to be done for Buildings Nos. 9 and 10. The setting of the stone in the main entrance of the Library Building has been commenced and the pointing up of the work that has been completed is progressing rapidly. To date 491 cars, containing 260,000 cubic feet, or approximately 96 per cent. of the total limestone, have been received and about 87 per cent. of the total required, including Building No. 17, has been set.

The brick work used in backing up the limestone in the secondary court elevations has been completed in Buildings Nos. 1 to 8 as previously reported, and Buildings Nos. 9 and 10 will be completed within a few days. The brick work backing for the limestone in the Library Building has been commenced.

The carving of the stone on Buildings Nos. 1 to 8 inclusive has been practically completed.

The erection of the terra-cotta and gypsum block partitions has been completed in Buildings Nos. 1 to 7 inclusive, and is well under way in Building No. 8.

The erection of the metal window sash and frames has been practically completed in Buildings Nos. 1 to 10 inclusive. The glazing of the secondary court sash has been completed in Buildings Nos. 5, 6, 7 and 8. The glazing of the windows facing the major court, secondary courts and the street façades has been delayed owing to the change in specifications which originally called for the use of double strength American glass, to plate glass. This plate glass has been ordered and should be received by the 10th of the month. The painting and pointing up of such windows as have been erected is being rapidly completed.

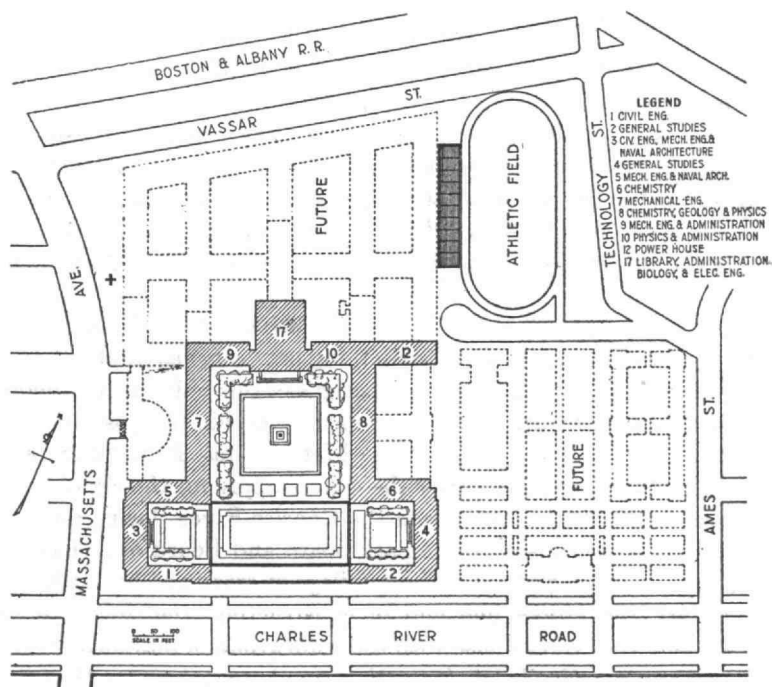
The roughing in of the cast iron sewers and drains and water leaders in Buildings Nos. 1 to 8 inclusive has been practically completed, and erection of the stacks in Buildings Nos. 9 and 10 is well under way.

The installation of the vents for the laboratory plumbing in Buildings Nos. 6, 8 and 10 has been completed, and the installation of the water supply system has been commenced. It is expected that the plumbing fixtures will be received on the job by August 1,

and this work will be practically completed by the 1st of September for Buildings Nos. 1 to 10 inclusive.

The placing of the steel crane girders in Buildings Nos. 5, 7 and 17 has been completed, and the rails for these girders are in place.

The piping for the heating system is being pushed as rapidly as possible, and this work has been completed in Buildings Nos. 1 to 6 inclusive. The risers and returns in Buildings Nos. 7 and 8 are approximately 50 per cent. completed.



All of the sheet metal work and waterproofing required on the roofs of Buildings Nos. 1 to 6 inclusive, and the pavilions, has been completed. The skylights have been completely erected in Buildings Nos. 1 to 6 inclusive, and work is well under way in Buildings Nos. 7 and 8.

Good progress is being made on the construction of Building No. 17. At the present time the structural concrete floors for the 1st, 2d, 3d, 4th and 5th floors and roof have been completed; and forms erected for the drum of the dome.

As previously reported, a contract was placed with Richey, Browne & Donald of New York for the furnishing and installing of all interior stairs required for the new buildings. Working drawings have been received from this firm, and it is expected that shipments of material will commence before the end of the month.

The contractors have commenced work on the installation of the elevators in Buildings Nos. 9 and 10. One car of material for these elevators has been received at the present time.

A contract was placed during the month with the B. F. Sturtevant Company for furnishing and installing all sheet metal work necessary for the ventilating ducts and for all of the fans and motors required for this system.

Plans and specifications have been sent out with requests for proposals for doing all the metal lathing and plastering required for the buildings; for all marble, tile and terrazzo work; and for all the slate blackboards. Plans will be ready to send out with requests for proposals for all hardware and wood trim within the next few days.

Since a definite decision has been reached locating the power house on the west end of the strip lying between Vassar street and the railroad tracks, the structural designs of this building and plans for the equipment are being developed as rapidly as possible. A permit has been received from the Metropolitan Park Board authorizing the Institute to draw the water supply for the circulating and condensing equipment from the Charles River Basin, and petitions have been made to the park board and Board of Aldermen of the city of Cambridge for the privilege of crossing Charles River road with the intake line and of constructing the duct tunnel connecting the power house with the main group of buildings under Vassar street. Until definite action has been taken by the city of Cambridge in this matter we have considered it inadvisable to commence active construction on the power house. Specifications, however, have been prepared and sent out requesting proposals for furnishing the structural steel and for practically all of the mechanical and electrical equipment required.

## GIFTS ANNOUNCED AT POP CONCERT

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Over half a million dollars given to Tech by Alumni and anonymous donors—Dormitories and mining building assured

Interesting as were the regular exercises at the Tech Pops, the real sensation of the evening came when President Maclaurin made the announcement to the gathered alumni of gifts to the Institute amounting to more than half a million dollars. Two anonymous gentlemen—emulating the original Mr. Smith, tendered to the Institute gifts of \$150,000 and \$100,000, respectively, and in addition there is a gift of \$100,000 from Coleman du Pont, '84, whose original gift to the Institute in 1911 made possible the purchase of the Cambridge site and inaugurated the new era of prosperity for Technology. These sums are to be used for a starter for the dormitories, and show the way towards a happy solution of a question that has recently been much discussed at Alumni Council meetings.

Next there was announced that the funds with which to construct the mining building, amounting to \$215,000, have been offered to the Institute by three men, Charles Hayden, '90, of Boston, who gave \$75,000, Coleman du Pont, '84, \$65,000, and S. Pierre du Pont, '90, of Wilmington, Del., \$75,000.

Then there comes from the Boston men, Charles A. Stone, '88, and Edwin S. Webster, '88, individually and not as a firm, the gift of a residence for the President, to be built on the Cambridge site.

The dormitory question is one that appears now to be solved in a happy manner. With the stringency of the money market it has seemed untimely to call for subscriptions with which to build them, but nevertheless, the taking of a body of seventeen hundred students to Cambridge makes it imperative that dormitories be ready for them when needed, and with these funds assured a beginning may be made.

When the original plans for the Technology educational group were sketched, a mining building was one of the component parts and a place was assigned to it in the northeastern corner of the group of structures. When it was found that the lands of the

Institute on Boylston street could not be disposed of at once and, in the prevailing condition of the real estate market it would be futile to try to dispose of the holdings on Clarendon street and Trinity place at present, it was decided to leave the construction of the Mining Building for the future and to house the department in somewhat improved quarters in its present place, the basement of the Rogers Building in Boston. This has many disadvantages, as the study of mining and metallurgy is intimately connected with geology and chemistry which are to be housed in Cambridge. It is with great pleasure, therefore, that Dr. Maclaurin is able to announce that the funds are to be provided whereby the building itself may be completed.

The President's home is a tribute from alumni who are in touch with student conditions of today, to Mrs. Maclaurin, who in her watchful care for the students provides for them frequent little social occasions.

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### To Test the McKay Will

For the purpose of obtaining instructions as to their rights in carrying out an agreement with the Massachusetts Institute of Technology to take up the work provided for in the will of Gordon McKay, who died on October 19, 1903, the president and fellows of Harvard College have filed a bill in equity in the Supreme Judicial Court.

Practically the entire estate left by Mr. McKay was bequeathed to Harvard to maintain a separate school for instruction in the industries, arts and sciences, particularly in those relating to mechanics, physics, engineering, manufactures, commerce, chemistry and electricity. The college is already, under the terms of Mr. McKay's will, receiving surplus income after the payment of certain annuities and upon the death of the last annuitant the entire property reverts to Harvard. The fund at present is \$5,500,000.

Frank F. Stanley and George E. Gilbert, the surviving trustees of Mr. McKay's will, have doubts as to the legality of the transfer of the fund to Technology and, to settle that point, the petition has been filed.—*Boston Transcript*.

## NEW OFFICERS IN NEW YORK

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A real, live club in the Metropolis with "Boost Technology"  
as its motto—A great year ahead

At the annual election of the Technology Club of New York, the following officers were elected: president, F. C. Schmitz, '95; vice-president, Schuyler Schieffelin, '90; treasurer, Ira Abbott, '81; assistant treasurer, Clifton W. Wilder, '98; secretary, Ralph H. Howes, '03; board of governors, Ira Abbott, '81, Howard L. Coburn, '87, Frank C. Schmitz, '95, Lester D. Gardner, '98, Thomas C. Desmond, '09, T. Howard Barnes, '81, Oswald C. Hering, '97, Theo. I. Jones, '96, Clifton W. Wilder, '98, Ralph H. Howes, '03.

The new president of the club, Frank C. Schmitz, '95, has for several years been a stanch worker for the Technology Club of New York. He has served on many committees, also as secretary and vice-president of the club, and is particularly well equipped to direct its activities and to accomplish much toward its upbuilding. Through several able administrations the organization has arrived at a footing where it can now venture a little along new lines. Mr. Schmitz is making a strong appeal to the club membership to give the club a substantial boost this year, and interesting developments may be looked for later on.

The board of governors, which is somewhat changed from last year, is alive to the needs of the club and intends to give particular attention to making the house attractive. New forms of entertainments will be provided and plans are being prepared for the further renovation of the club house and for the new decorations which it is hoped will be finished by fall.

A very important innovation recently made met with hearty approval of the members. From now until the first of September, Saturdays will be ladies' days at the club. This will give the families of members an opportunity to see the club house and enjoy its facilities. It is suggested that later on ladies' days with dancing will be tried. Opinions of the members are now being sought on this matter by the governors.

It has been found desirable to give the organization a more practical working plan than at the present, and a committee has



been appointed to revise the constitution in some particulars. Among the matters under consideration is the enlargement of the board of governors to conform to the practice of other clubs, the election of the officers by members of the club at large and the clearing up of a number of points that have been difficult of interpretation.

The *Bulletin* of the club publishes a letter from Ira Abbott, '81, treasurer of the club, which is an eloquent presentation of how Tech men do things under difficulties when they try.

In 1909, when the sublease of the club house was made, he says there were 266 members, and at the end of four years there were 992. In 1909 there was a surplus of \$971, and in four years it stood at \$3,201. January 1, 1915, the membership stood at 957, and the surplus, \$8,025. In 1912 it was voted to spend \$20,000 on improvements. The indebtedness has now been reduced to \$17,900. In the five years, from January, 1910, to January, 1915, the losses because of unpaid club accounts were less than three-quarters of one per cent.

One of the best features of the work of the New York Club is the Business Opportunities Committee, which has been instrumental in placing many Tech men. The chairman of this committee, Mr. T. I. Jones, '96, 17 Gramercy Park, New York City, will be glad to hear from employers who desire men of technical training. The committee gives a great deal of time to studying the wants of employers and keeps a list of competent men, and makes it a point to look carefully into the qualifications of Tech men applying for positions.

Everyone in the club is sorry to lose Walter Large, '79, as its president. Notwithstanding his busy professional life, he has given his personal attention to the various enterprises that the club has furthered and attended the numerous meetings of the board of governors. His guiding hand has been everywhere in evidence throughout his incumbency. It is largely due to his rare qualities that the team work of the various committees has been practically perfect. The new committees of the club are as follows: House Committee—Oswald C. Hering, '97, chairman; Franz Schneider, Jr., '09; James McF. Baker, '04. Membership Committee—Howard L. Coburn, '87, chairman; Charles A. Howard, '06; Kaludy Spalding, '89; Frank P. Montgomery, '03; Paul Ruttkay, '13. Annual Dinner Committee—Daniel W. Edgerly, '98, chairman; Ed-

ward H. Huxley, '95; Benjamin Hurd, '96; W. S. Babcock, '83; W. V. Kemp, '13. Art and Library Committee—Noel Chamberlain, '04, chairman; Fred E. Foss, '86; Ernest F. Lewis, '07; Julius F. Gaylor, '96. Business Opportunities—Theo. I. Jones, '96, chairman; J. Waldo Smith, '87; Gerard Swope, '95; T. Howard Barnes, '81. Entertainment Committee—Thomas C. Desmond, chairman; M. F. Tiernan, '12; Charles E. Lawrence, '96; Guy F. Shaffer, '10. Finance Committee—T. Howard Barnes, '81, chairman; Charles Hayden, '90; Dickson Q. Brown, '98; William C. Potter, '97; George V. Wendell, '92; Schuyler Schieffelin, '90. Publicity Committee—Lester D. Gardner, '98, chairman; Charles-Edward A. Winslow, '98; I. W. Litchfield, '85; Robert W. Weeks, '13. Legal Committee—Walter Large, '79, chairman; Robert S. Allyn, '98, William H. King, '94.

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### Class of '95 Organizes in New York

This is the year when the class of '95 would have celebrated its twentieth anniversary, but on account of the plans for the big Boston reunion in 1916, it has been decided that the '95 class, instead of celebrating its twentieth anniversary, will celebrate its "coming of age" anniversary, the 21st, in Boston in 1916.

A luncheon meeting was called of the '95 men in and around New York and seventeen men were present. The following is a list of them:

Ames, Azel, Belknap, F. W., Blodgett, Perly, Canfield, A. L., Claffin, W. B., Cutter, F. W., Davis, H. E., Donham, B. C., Drake, A. W., Gardner, J. H., Huxley, E. H., Moore, J. D., Park, F. A., Parmelee, C. L., Schmitz, F. C., Swope, Gerard, Wiggin, Thos. A number of the men had not seen each other for years, and it was a very pleasant occasion; so pleasant that it was decided to form a permanent New York '95 organization, and have meetings two or three times during the year. Gerard Swope of '95, 463 West street, New York City, was elected secretary.

Ideas were canvassed in regard to the 21st anniversary for 1916, and the committee is beginning early, so that the great event may be fittingly celebrated.