WINTER CONCERT AT COPELEY HALL TONIGHT
Program For Big Concert of Musical Clubs at Institute Announced.

ORCHESTRA WILL PARTICIPATE.
Dance Will Follow Rendering of the Musical Numbers—Many Seats Sold.

This evening, at 8 o'clock sharp, the Combined Musical Clubs, assisted by the Boston Symphony Orchestra, will give their annual mid-winter concert and dance. The reception committee has had the decor selected prettily with Technology colors and festooned the rooms with the colors of the Institute. The program consists of the following:

Raymond Overture.

After the close of the concert dancing in the Boston Symphony Ballroom will be enjoined (thus till 12 o'clock) and after, as advertised, and presented by the Mandolin Club.

At the close of the evening refreshments will be served with which all are invited to partake. Tickets may be bought at the Institute and Harmonie Club and are $1.00 each. (Continued on Page 3.)

SENIOR PLUMBERS MAKE TOUR OF INSPECTION
Sewage Plant at Pawtucket and Fitchburg Railroad—Providence and Warren Seen.

TRIP LASTED ALL DAY.
Difference Between Slow Sand and Mechanical Filters Investigated.

Twenty-three members of the Senior class in Sanitary Engineering took the inspection trip of the Pawtucket and Fitchburg Railroad yesterday morning. Mr. Gilbert was in charge of the excursion, which enabled an inspection of the sewage disposal plant at Pawtucket, the slow and filtration water plant at Providence, and the mechanical filters of the system of Warren and Lisbon.

At Providence the plumbers were met by Mr. G. H. Pratt, engineer of the Pawtucket and Fitchburg Railroad, and Mr. Carpenter, the city engineer, who gave a detailed account of the disposal works which are located on one of the most difficult sites of any on the Merrimac River. Here in the grit chamber is located one of the most efficient skimmers that has ever been installed. One thousand pounds of solids are taken off of the millions of gallons of sewage. After passing through the settling basin and the slow sand bed, it is then delivered to the filters.

After the inspection here the men took the train to Providence, where they enjoyed a most excellent lunch at Worthing's by Mrs. Richards of the Department of Sanitary Chemistry.

Lunch over, the crowd went out to see the slow sand filters and the rapid sand filters. This is the first inspection of the Pawtucket and Fitchburg Railroad sewage plant. These filters are of the latest and most efficient type, and it is expected that they will bring about the best results possible. These filters will be the first of their kind in the city of Providence. (Continued on Page 3.)

ELECTRICALS MEET NEXT TUESDAY

Henry A. Morris of Cambridge Will Address Society On Electricity.

The next meeting of the Electric Engineering Society will be held Tuesday, December 13th, at 130 P.M. The Engineers will be addressed by Mr. Henry A. Morris, a member of the Cambridge Philosophical Society, who will be present to discuss the subject of "Electricity." Mr. Morris is a student of electricity and is well versed in the subject. He will give a lecture on the various aspects of electricity, including the history and development of electricity, and will be accompanied by slides of electrical diagrams. The lecture will be held at 130 P.M. in the engineering room of the club.

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CALAMN

Filter Beds at Providence (Continued on Page 3)

By the faculty. His topic was "Applied Electricity." He mentioned the importance of electricity in our daily lives, and the various applications of electricity, such as lighting, heating, and electricity. He also discussed the history of electricity, from its discovery by Galvani to the present day. He then went on to discuss the various types of electricity, such as direct current and alternating current, and the differences between them.

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TECH SHOW, 1911.
ANNOUNCES COACH

Eugene Sanger, Well Known in New York and College Dramatic Circles, Chosen.

SHOW TO BE ANNOUNCED SOON.
Lyric and Poster Competition to Start as Soon as Book is Picked.

Eugene Sanger has been selected from among the many men considered to coach the Tech Show, 1911. Mr. Sanger has for a number of years been directly connected with several large dramatic societies. He is, without doubt, the best man available to coach this year's Tech Show.

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THE TECH

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technol-
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Entered as second-class matter, Sept. 25, 1910, at the post office at Boston, Mass., under the Act of Con-
migrant of March 3, 1879.

FRIDAY, DECEMBER 16, 1910

HOCKEY TEAM SQUAD WILL BE DIVIDED

Second Team to Be Started With Schedule of Its Own.

The hockey team candidates will be divided into two squads this afternoon and a second team formed. There are now enough men out to make a fast team certain, and it is hoped that more will come out and join the squad at once. The second team will play against the first team at every practice and will probably have some sepa-
rate outside practice. This after-
noon the whole squad will practice on the Charles River Basin, opposite Dartmouth street, at 3 o'clock; tomor-
row afternoon at the Arena at 5.5 o'clock.

The second team will be a stepping stone to the first team. A schedule of games will be arranged with some of the local hockey organizations and other local organizations. This is the first attempt that has ever been made to run a second team, but with a large squad it should be a suc-
cess. The second team will strength-
then the first by playing against it this winter, and next year will furnish men who have had experience in collegiate hockey to replace those who will graduate.

The team is to be under the direc-
tion of J. H. Boott, 1911, who has been on the hockey squad for three years, and he promises to turn out an aggregation which will make a name for itself and push the first team hard.

The second team games will pos-
sibly be run with the first team games as double-headers, similarly to the ar-
range of the basketball games.

COMMUNICATION.

Editor of The Tech:

Dear Sir— I note a request in your paper that at Brown the field stand was recently examined by the inspec-
tor at Tech. The stand was examined by me a number of times since it was built.

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Boston is being given a rare chance to see this wonderful invention, since these pictures have been shown only in Paris and New York since they first came out.

The trip was made under the guidance of Mr. Gilbert of the water analysis laboratory, and it was of particular interest to those men who went along. All the guides were most courteous and showed a genuine interest in Technology and her students.

This idea of having a lecture and following it by a trip to the actual place of application of the principles given in the lecture is an excellent one, and the policy should prove valuable, and might well be continued by the various societies. In particular should this be so in the Electrical Society, and for this meeting a good number should turn out.

The trip very well and it is expected that a large number will go.

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