THRTRCH

VOL. XXXV. NO. 36.

BOSTON, MASS., WEDNESDAY, NOVEMBER 3, 1915

PRICE THREE CENTS.

TECH BOILER PLANT **NEARING COMPLETION**

Will Be In Commission In A Month-Many Other New Developments.

The steady growth of the tall, cream-colored chimney at the northerly end of the new site of the Massachusetts Institute of Technology marks the site of the new boiler house. A month hence will see the boiler house plant in commission. Steam will then be available for drying the plastering that is now being applied to the walls of the offices, study rooms and laboratories.

The new plant will, at the beginning, develop about 2000 horsepower and is modelled along the lines of a modern power plant. It is, however, unusually condensed, being ten feet narrower than stations of similar capacity. This narrowness is neces-

(Continued on Page Three)

E. E. SOCIETY

Short Lecture on "Gas Central Stations."

At the meeting of the Electrical Engineering Society which is to be held tomorrow evening in the Union, Mr. Hans von Vittinghoff of the Stone & Webster Corporation will deliver a lecture on "Gas Central Stations," On account of the reception to college graduates the meeting will start at 7.30 o'clock.

In addition to the men in the electrical engineering and electrochemical courses, those taking chemistry and chemical engineering are invited to attend.

T. C. A. TALK

Mr. Elbridge Anderson, a prominent State Street Lawyer, will speak on, "Pensions for Industrial Workers," in the Union at 1.30 o'clock on Thursday noon.

SOPHOMORE MEETING

There will be a meeting of the 1918 class tomorrow at 1.30 o'clock in their ability. The 1918 official hats, won the prize drill two years ago. which are to be worn on Field Day will be on sale,

DU PONT CUP TRIALS

Trials for the Du Pont Cups will take place today, Coach Kanaly wishes to announce that after today no further trials will be held until next spring.

FIELD DAY TEAMS PICKED TENTATIVELY

Men Taking Part In Annual Songs Perfected For Tech Night To Join Technology And Harvard Lower Class Contest Selected.

The personnel of the teams which will participate in the Field Day events Friday has been practically decided upon. Following are the lists of the men comprising the teams as given out by the respective mana-

ENTHUSIAM REIGNS AT MASS MEETING

-Technique Band Makes Appearance,

Last evening, in the Union, at what was probably the liveliest mass meeting the Institute has ever had, plans were announced for Field Day and Tech Night, and thorough practice was held in all the Technology (Continued on Page Five)



THE FIELD DAY CUP.

1918 Football,

- J. W. Clarkson
- G. H. Porter
- B. F. Jones J. T. Kiley
- A. M. Parsons
- I. G. Hall

(Continued on Page Four)

BARKER WINS SABRE

Last Friday in the Armory a sabre was presented to Major Barker for having won last year's prize drill. The sabre was given by Jacob Reeds Sons, the makers of the uniforms; this presentation is to be made an annual event. Major J. A. Tobey, Huntington Hall. Candidates for now the assistant in Military Science, Cheer Leader will be on hand to show was also given a sabre for having

FIELD DAY BANQUET

The annual Field Day dinner will be held next Saturday evening in the Union. All contestants and officials who participate in the Field Day program are invited. Contrary to the usual custom at these dinners. no charge will be made.

1919 CLASS MEETING

Over Two Hundred Out-Cheer Leaders Elected.

Yesterday afternoon about two hundred freshmen held a mass meeting in Huntington Hall to rehearse the cheers for Field Day. W. Harrington, '17, and E. P. Brooks, '17, temporary officers of 1919, and Stevens, the Junior cheer leader, conducted the meeting. Volunteers were called upon to assist in the leading and from the seven men who offered their services, F. M. Fowler and A. F. Winslow were elected cheer leaders for the field, while D. N. Crowley, Jr., and P. D. Sheeline are to assist during the parade.

FINANCIAL CAMPAIGN

The T. C. A. has heard from less than half of the Solicitors. The results so far are in brief: \$150 cash turned in and \$110 pledged. It is necessary for Solicitors to turn in their receipt books by one today to the men from whom they were ob-

CO-OPERATIVE SOCIETY MERGER WITH HARVARD

Societies—Dividends For M. I. T. Students.

The Technology Co-Operative Society will merge with the Harvard Co-Operative Society next September when the Institute moves to its new buildings in Cambridge. The Harvard store does a large business in Cambridge, and will establish a branch store in the vicinity of the Technology buildings.

Technology students may become members of the Harvard Society, receiving a dividend on their purchases according to whatever rate the Technology branch of the business has earned. The Harvard Co-Operative Society itself has just declared a dividend of seven per cent and thus all students who made purchases

(Continued on Page Six)

TECH NIGHT TICKETS

The exchange tickets issued by the Tech Night Committee will be worthless unless exchanged by two o'clock today in Rogers Corridor at the window outside the door of the General Library.

Two regular theatre tickets for seats "orchestra left, L, 5, 6," were given out by mistake Monday and will not be honored at theatre. The holder of these seats may return them to the Committee this noon with no questions asked, and can thus avoid an unpleasant awakening at the door of the Colonial.

A number of seats have been left by purchasers to be sold at the window. Of this number there are a few seats in rows H, J and I of the orchestra. The Committee is acting only as an agent in the sale of these seats, having closed its regular seat sale last Saturday.

CALENDAR

Wednesday, November 3, 1915.

1.00-Exchange of tickets for WATCH YOUR STEP. Window outside General Library in Rogers.

1.05-News Meeting. Upper Office. 2.00-EXCHANGE TICKETS FOR WATCH YOUR STEP WORTHLESS AFTER THIS TIME.

5.00—Technology Orchestra. Union. 5.00-Freshman Publicity Competition for Tech Show starts. Show

Thursday, November 4, 1915.

1.30-Sophomore Class Meeting. Huntington Hall.

1.30-T. C. A. Talk. Union. 7.30-E. E. Society Meeting. Union.

PAY YOUR BLANKET TAX BEFORE FIELD DAY---ROGERS, 1 TO 2

Entered as second-class matter, Sept. 16, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published tri-weekly during the college year by students of the Massachusetts Institute of Technology.

Office 42 Trinity Place. Phone—Back Bay 5527 or 2180., Night Phone—Back Bay 5527.

MANAGING BOARD. ussen, '16....General

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Subscriptions, \$1.50 per year in advance. Single copies, 3 cents.

Subscriptions within the Boston Postal District, and outside of the United States must be accompanied by postage at the rate of one cents a copy.

WEDNESDAY, NOVEMBER 3, 1915

The spirit with which the undergraduates entered into the rehearsal of Tech songs last night bodes well for the success of Tech Night. Apparently all that now remains to make of Tech Night a permanent and respected institution is the strict compliance with the requests of the Colonial theatre. It must be remembered that the theatre was obtained only after the committee had assured the management that there would be absolutely no confetti nor streamers thrown, and to disregard this stipulation would not only place the committee in a most uncomfortable position but it would probably mean the permanent abandonment of the present form of Tech Night,

KOMMER'S DINNER

All Departments Explained At Annual Affair.

The Kommer's Dinner, the annual Tech Show banquet, will be held in the Union Thursday evening, November 11. The management holds this dinner to promote the interest of the students in the Show and the op- for each seat, must be enclosed in portunity is taken to explain the working of all the departments. An arranged to make the affair a pleasing one.

Tickets may be purchased from any member of the management for fifty cents.

> WATCH YOUR STEP FRIDAY NIGHT COLONIAL THEATRE

COMMUNICATION

Editor, The Tech:

I wish to thank all the candidates who did not make the 1918 tug of war team, for their time and efforts. Their presence at practice was of the greatest value, for without them a good team could not possibly have been developed.

JAMES C. RICKETTS, '18.

BLANKET TAX SHOWS PROMISING RETURNS

To Obtain Full Benefits Tax Must Be Paid Before Field Day.

Payments on blanket tax have experienced a big boom in the last few days and it is expected that by Field Day a satisfactory return will be secured. To date over 500 men have paid and many more have promised to do so before Field Day. The tax may be paid in Rogers from 1.00 to 2.00 o'clock today or tomorrow, or to any of the following collectors:

Class of 1916-J. W. Barker, W. C. Brown, J. B. Carr, J. R. Freeman, E. F. Hewins, T. C. Jewett, C. W. Lawrance, C. W. Loomis, E. W. V. C. Lucas, P. Y. Loo, H. E. Schabacker, B. N. Stimets, A. E. Storm, K. M. Sully, J. P. Uhlinger, G. Roper, R. Alfaro, W. M. Shakespear, R. H. White, J. M. Evans, H. B. Shepard, K. Dean and A. C. Lieber.

Class of 1917-W. J. Beadle, D. E. Bell, B. F. Dodge, F. V. DuPont, F. W. Dodson, J. W. Doon, W. A. Gray, H. E. Lobdell, W. Harrington, G. Stebbins, R. T. Whitney, P. G. Woodard, P. Leonard, I. W. Young, O. C. Nor-

Class of 1918-W. T. Bigger, D. G. Bradley, P. W. Brownie, P. W. Carr. J. W. Clarkson, L. H. Flett, G. E. Johnson, O. C. Lorenz, B. A. G. Merrick, J. R. Milliken, J. L. Ricketts, H. C. Stephens, R. W. Van Kirk.

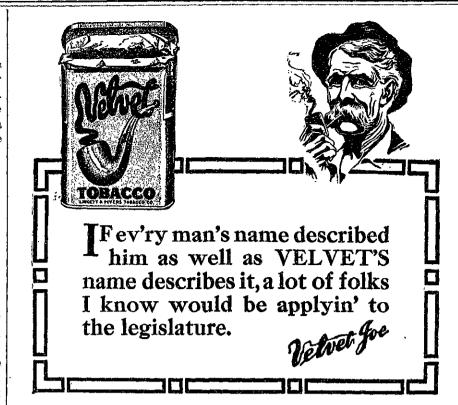
YALE GAME TICKETS

Applications Are Due Before Thursday Evening.
Students in courses I, II, III, VI

and XI who wish to apply for tickets for the Harvard-Yale game, must file their applications before six o'clock Thursday evening, at the Harvard Athletic Association office in Cambridge. Students will receive from Registrar Humphreys a card signifying their course, which must be presented when the signature card is filed. After the signature card is filed the application will be received.

Not more than two tickets may be applied for, and the one seat applications receive the first attention, the seats being in the Harvard cheering section. A check or cash, \$2 the application.

Every student receiving a ticket interesting entertainment has been is held personally liable for the seats, and must promise to occupy one of them himself. Any man whose tickets are found in the hands of speculators will be "black listed" and will be excluded from the right of applying for seats again. Yale graduates in the Institute should apply for seats through their own management.



"WHEN IN NEED OF TRUST **COMPANY SERVICE CONSULT** THE OLD COLONY"

A SINGLE BANK WITH THREE OFFICES IN DIFFERENT SECTIONS OF BOSTON

Old Colony Trust

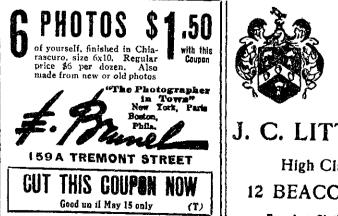
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J. C. LITTLEFIELD

High Class Tailor

12 BEACON STREET Evening Clothes a Specialty

TECH BOILER PLANT

(Continued from Page One)

sitated because the building lies in the ninety-foot strip between Vassar street and the railway. The latter affords economical delivery of coal in large quantities so that with mechanical stokers and other appliances the coal is not handled by men at any stage of its use.

The boilers lie transversely to the street and railway, being so placed in order to make the addition of other boilers easier as the future needs of the Institute may demand. There will be 1560 horsepower in new boilers and 400 horsepower in those removed from Trinity place. The new boilers are of the Babcock & Wilcox make, working under forced draught and utilizing Riley stokers.

One especial feature is that the boilers will be equipped for heavy overloading. This should not be taken in the sense that they will be unsafe. When not in demand the boilers will be automatically slowed down.

There are several features about this plant that make it different from the ordinary boiler room. It will, in itself, be a laboratory for the use of students. It will care for lighting, heating and power, and will be built upon the lines of a big central station. The laboratory use is likely to demand a high peak load, which the establishment must be able to care for, but, at the same time, the load factor is comparatively low. The location of the plant, besides affording the convenience and economy of direct coal delivery, is sufficiently remote from the educational and student portions of the new Technology not to be a nuisance in point of dust, while the chimney will group itself with the nearby chimneys of commercial Cambridge. The boilers are of the wrought steel, water tube, type, designed for 175 pounds working pressure and superheating the steam 100°F.,-an important economy in the use of the steam turbine. The stack measures ten feet in bore and eighteen feet in outside diameter, and when the capping is placed the stack will stand 180 feet above its base.

To convey steam to the buildings and to the laboratories where it will be needed, a subway of reinforced concrete is being built. This subway is about seven feet square in inside measurements and 625 feet long. It is to connect with the educational group through the administration building and from this place the steam will be distributed to the points where it is needed. For the present the supply will be a twentyinch pipe for heating purposes, a ten-inch pipe for furnishing the laboratories, and a five-inch return for the condensed water. For furnishing condensing water for the turbines a concrete main has been laid. This conduit is thirty inches in diameter and runs back from the Charles river basin along the western edge of the great court. It will be about a quarter of a mile in length and in rainy weather will collect the rainfall of the area and turn it in for condenser water.

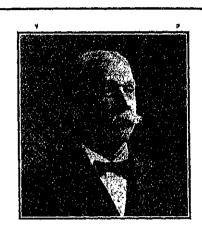
(Continued on Page Five)

MINING SOCIETY

Professor Richards To Speak At Opening Meeting.

The Mining Engineering Society has been exceptionally fortunate in securing Professor R. H. Richards as the speaker for the opening meeting of the year which is to be held next Monday evening at 7.30 o'clock in the Union.

Professor Richards retired from active work in June, 1914, after fifty years connection with the Institute. He was a member of the first graduating class, and following this, was an assistant from 1868 to 1871. In the latter year he was made Professor of Mineralogy and placed in charge of the Department of Mining Engineering at its inception.



PROF. R. H. RICHARDS.

Besides this work in the Mining Department Professor Richards was Secretary of the Institute for a number of years. Professor Richards has contributed over one hundred volumes to the literature of the Mining profession most of them being technical works on assaying. Owing to the fact that he is not in Boston all the time this is one of the few opportunities for students in the Mining Courses to hear Professor Richards.

There will be a meeting of the Executive Committee of the Society today at five o'clock in 2 Rogers at which time a program for the year will be arranged.

M. I. T. A. A.

The M. I. T. A. A. met in 8 Engineering C yesterday afternoon at 5:00 o'clock, and elected the following officers for the ensuing year: President, C. W. Loomis; Vice-president, J. W. Doon; Secretary, P. E. Holbert. The Advisory Council consists of C. W. Loomis, W. F. Dean and N. E. Tourtellotte.

ORCHESTRA

Meeting Today—Mr. Howard To Be Present.

The second meeting of men interceted in founding a permanent Technology Orchestra will be held this afternoon at 5 o'clock in the Union. Such a large number of men have signified their intention of coming out that Mr. William Howard has been secured to offer suggestions concerning the work of the orchestra. The question of rehearsals and methods of organization will be discussed.

TOMORROW "AT THE TECH OFFICE"

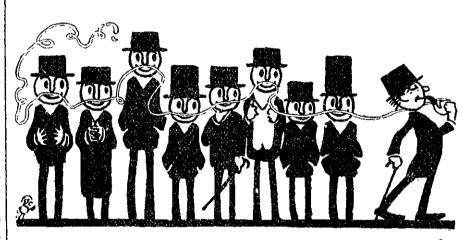
My representative, Mr. G. H. Kimball, Will display our Full Line of Custom and Ready-to-Wear Clothing. Your inspection is earnestly invited.

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Take the trail of any real wise smoker with a pipe between his teeth and snatch a mellow whiff of fragrant "Tux."

Then you'll right away hunt up the nearest tobacco shop and gladly intern a dime in exchange for a green tin of pure smoke-delight.

"Tux" is going ahead of them all with a speed that makes it look like a race between a 60-horse-power motor-car and a steam roller. It's the fastest-growing brand of smoking tobacco in the world.



Tuxedo is the original Burley smoking tobacco, that made pipe-

smoking possible to many men, and the original "Tuxedo Process" has never been duplicated. It stands today as the most effective treatment for making the natural leaf deliciously mild and delightfully fragrant and for removing every trace of "bite."

Spend a week with Tuxedo. Then it will be just one week after another.

YOU CAN BUY TUXEDO EVERYWHERE

Convenient glassine wrapped, moisture-proof pouch 5c

Famous green tin with gold lettering, curved to fit pocket 10c

In Tin Humidors, 40c and 80c In Glass Humidors, 50c and 90c

THE AMERICAN TOBACCO COMPANY



FIELD DAY TEAMS (Continued from Page One)

- J. M. Todd
- G. E. Johnson
- H. W. Gleason
- G. F. Malley C. J. Nangle
- C. H. Watt
- W. H. Ryan
- J. C. Howe
- F. H. Appleton

Coyne

1918 Relay.

- S. S. Kwan
- K. L. Ford
- R. W. VanKirk
- E. A. Mead
- M. M. Reed
- O. C. Lorenz D. W. McArdle
- J. C. Avery
- B. A. Merrick
- C. I. Justheim
- D. M. McFarland W. R. Russert

Collier

Fisher

1918 Tug-of-War.

- H. M. Blank
- L. S. Blodgett
- O. D. Burton (Captain)
- N. T. Catlin
- L. DeSalvo
- D. Ely
- Fuller
- G. S. Gould
- W. J. Henry
- G. B. Hutchings
- A. S. Johnson
- R. G. Kimball

The Tech is in a position to offer you exceptional values in clothes and shoe trade. See the general manager or treasurer, at 5 o'clock any evening. Apply at once as our offer is good for one month only

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44 School Street Originators of the Class Pipe AGENTS FOR

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London Made French Briar Pipes

10% Discount to Tech Students

Do you need a suit or a pair of shoes? The TECH is in a position to supply your wants at extremely attractive prices. We represent some of the best dealers in Boston. See the Treasurer or the Gen. Mgr. and become acquainted with a method whereby you can save yourself money on suits and shoes.

- C. L. Kingsbury
- J. T. Leonard
- F. A. Magoun
- T. F. Milford
- D. A. Montgomery
- B. O. Pinkham
- M. F. Parker
- K. Reid
- W. H. Turner
- C. R. Tutein
- W. Weber
- F. H. Wells
- S. K. Wiley
- H. L. Wirt J. C. Wooten
- Counter R. G. Mahony

1919 Football Team

Guppy

Rasmussen

Schippey

Root

Clark

Wales Lewis

Sache

Reis

Hyde Paige (Captain)

Thomas

Young

Substitutes

Strowbridge

Deane

O'Connor

Murphy Gallagher

Gibbons (Mgr)

1919 Relay Team.

- S. E. Scranton
- C. H. Isley
- W. M. Murphy
- R. L. Bent R. W. Scott
- L. J. Goldstein
- E. H. Bryant
- S. E. Wright
- E. Stubenbach
- W. Pinkney
- W. B. Clark L. A. Jackson
- Substitutes
- D. Winter R. L. Gilmore

1919 Tug-of-War.

- T. Peltier
- M. Untersee
- H. Wasgatt
- W. Maynard
- J. Riegel
- O. Camman, Captain F. W. Boley
- O. McLaughlin
- H. Howes
- J. Meader
- H. Weymouth
- B. H. Sherman
- E. Doten
- A. Muller
- Breed R. Pease
- L. Pinther Hoffman
- H. Whiteomb
- G. Davis S. Page
- G. Irwin
- F. Claffin
- C. Sullivan
- R. S. Palmer
- G. French Substitutes
- B. Parker
- C. Chayne
- Counter L. Dalton

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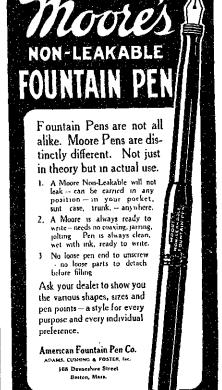
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FRANK BROTHERS Fifth Avenue Boot Shop

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At The Tech Lower Office November 3 WITH OUR FALL LINE

MASS MEETING (Continued from Page One)

songs. There were nearly four hundred present, the freshmen having the largest representation. William J. Farthing, President of the Senior class, opened the meeting with a short talk on the new policy for Tech Night. He said that the object will be to see the show, not to make one. Organized enthusiasm will be the slogan for the entire day on Friday.

The formation of the Field Day parade was outlined. The parade will start at 1.30 o'clock sharp, on Friday, from the front of Rogers Building. The Seniors will form on Rogers steps, the Juniors on the grass by Rogers, the Sophomores on the grass by Walker, and the freshmen on the steps of Walker. The line of march will be around Copley square, out Newbury street to Massachusetts avenue, across the bridge, past the new Technology, and thence to the Field.



R. H. WHITE, '16. All Technology Cheer Leader.

Shakespeare, '16, spoke of the necessity for restraint Tech Night at the Colonial; since this affair has been put in the hands of the Institute Committee, an entirely different policy will be followed, and absolutely no "rough-house" of any kind will go, the penalty being the

stopping of the show. No confetti or streamers are to be thrown. The chief feature of the meeting was the enthusiastic practice of

Technology songs, led by Cheer Leader White, with the Technique Band ably assisting in increasing the general volume of sound. A very marked improvement in the singing of all the songs was attained, especially in "Take Me Back to Tech," which was enlivened by a novel way of singing the chorus by classes. This will be used at the theatre Tech Night. The meeting closed with the Stein Song, and a cheer for the four classes.

FIELD DAY NOTICE

All men who were appointed as Field Day officials and have not as yet received their badges are asked to call for them at the Cage.

TECH BOILER PLANT (Continued from Page Three)

The electrical outfit is interesting since the engine room will serve both as a sub-station and as a central station. The initial equipment will include three turbines, directconnected to three generators of 750, 500 and 150 k. w. respectively, furnishing three-phase current at 2300 volts. There will also be one 150 k. w. turbo generator and two 150 k. w. motor generators furnishing direct current at 110 and 220 volts, and two 35 k. w. exciters, one steam and the other turbine driven. The current at the various voltages will be conducted to the buildings and laboratories in lead-covered cables running in special conduits.

The steam laboratory itself is to be located in the long building near and parallel to Massachusetts avenue. High pressure steam coming through the subway will be distributed to two mains below the ceiling of the first floor. There will be a superheater here connected at will with the machines at which tests are to be made. The condensers of the various engines in this laboratory are in the basement and take cooling water from one of the large hydraulic canals, passing the warmed water into a hot water return. In the basement there will be apparatus for determining the flow of superheated steam through orifices and turbine nozzles.

On the first floor of this building will be located the steam engines. They will include a Curtis turbine of about 75 k. w. capacity, a 30 h. p. Corliss with dynamometer attached to the flywheel, a 225 h. p. McEwen tandem compound, a compound engine and generator of the same make of 250 h. p. and a triple expansion Corliss. These engines will be ranged along the western wall of the building. On the opposite side of this laboratory there will be located a Brown engine driving a three-stage air compressor having a maximum pressure of 2506 pounds per square inch. In addition there will be two or three other compressors and a few small engines to illustrate additional types.

> WATCH YOUR STEP FRIDAY NIGHT COLONIAL THEATRE

CARL A. ZAHN

Manicuring Barbering Chiropody

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A homelike, first-class hotel proud of New England traditions, dating from Gen. Warren, yet newlyfurpished with pevery comfort & convetphone and hot and cold water in every room. Kept constantly clean by our vacuum plant. Rooms \$1.00 a day and up.

ITALIAN Restaurant TABLE d'HOTE DINNER 5 to 8.30 A LA CARTE



STRICTLY ITALIAN CUISINE

Italian Wines

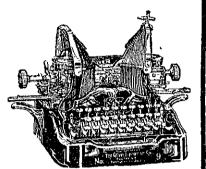
Music

BOYLSTON PLACE

Near Colonial Theatre

A New **Model Typewriter!**





BUYIT NOW!

Yes, the crowning typewriter triumph is here It is just out—and comes years before experts expected it

For makers have striven a life-time to attain this ideal machine. And Oliver has won again, as we scored when we gave the world its first visible writing.

There is truly no other typewriter on earth like this new Oliver "9." Think of touch so light that the tread of a kitten will run the keys!

CAUTION!

The new-day advances that come alone on this machine are all controlled by Oliver. Even our own previous models—famous in their day-never had the Optional Duplex Shift.

It puts the whole control of 84 letters and characters in the little fingers of the right and left hands. And it lets you write them all with only 28 keys, the least to operate of any standard typewriter made.

Thus writers of all other machines can immediately run the Oliver Number "9" with more speed and greater case.

WARNING!

This brilliant new Oliver comes at the old-time price. It costs no more than lesser makes-now outof-date when compared with this discovery.

For while the Oliver's splendid new features are costly-we have equalized the added expense to us by simplifying construction.

Resolve right now to see this great achievement before you spend a dollar for any typewriter. If you are using some other make you will want to see how much more this one does.

If you are using an Oliver it naturally follows that you want the finest model.

17 CENTS A DAY Remember this brand-new Oliver "9" is the greatest value ever given in a

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e have decided to sell it to everyone everywhere on ou ous payment plan-17 cents a day! Now every user can easily afford to have the world's crack visible writer, with the famous PRINTYPE, that writes like print, included FREE if desired.

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We make a special effort to win the esteem of Tech men.

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Pleasant furnished rooms for students at 212 Bay State road. Two large double rooms at \$2.50 per person per week, and one single room at \$3.00 per week.

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Our Crozer-Pocahentas Bituminous Supplied to the institute

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Need a good reliable fountain pen? The Tech has a limited number of Moore's Non-leakable pens to sell. Call at The Tech office at 5 in the evening and learn of our mutual benefit scheme of buying suits, shoes and fountain pens.

Collins & Fairbanks Co.

Young Men's Hats, Coats, Caps, Gloves

383 Washington St., Boston

RIFLE CLUB

Last Trip Saturday - Indoor | Meets Anticipated With Big Col-Work To Commence Soon.

The Rifle Club will hold its last outdoor shoot of the season this Saturday at Walnut Hill. As usual, the party will be limited to thirty men. A sign-up list, which will be replaced Thursday at six o'clock by a subsidiary list, has already been posted on the Union bulletin board.

Indoor shooting will commence as soon as a suitable range can be obtained. The club expects to allow its members to shoot several afternoons each week, and no restrictions will be placed upon the amount of ammunition used by each man. Special rates on ammunition enable the club to purchase large amounts at small cost.

A few score books are still left at the South Armory, and members may obtain one at any time without cost by applying to the armorer.

GLEE CLUB PRACTICE

Coach To Be Present-First Cut Comes Monday.

On Thursday, the first coached rehearsal of the year for the Glee Club will be held at the regular rehearsal the Cage for Manager Stevens. hour of five o'clock in the Union. It is important that every man attend as the first concert is but two weeks away. The first cut will be made next Monday when the list of men to be retained will be published in the Tech. This schedule will contain some changes from the present tentative lists.

> WATCH YOUR STEP FRIDAY NIGHT COLONIAL THEATRE

SWIMMING TEAM

leges-Prospects Good.

A meeting of the members and candidates for the swimming team was held Monday at five o'clock in the Union. Plans for the future were discussed. Several meets with the big colleges are anticipated, but so far, none have been scheduled. There is promise of a very good team, as some excellent material has come out. Members of the team will have the privilege of the Boston Y. M. C. A.'s tank, providing they are members of the T. C. A.

Freshman Candidates For Assistant Publicity Manager.

The freshman competition for Secin the Show office. Publicity Manager R. S. Stevens, '17, will explain the work and give out the first assignments. It is important that all day as the competition will be short. Any men who cannot report today are asked to leave their names at

FRESHMEN DEFEATED

The freshman Cross Country team was defeated in a dual meet with Andover on Saturday, October 30. The run was held over the Andover course, which is a little less than four miles long. Herzog, captain of the freshmen, finished a few inches behind Captain Dudley, of Andover, in a thrilling finish. Andover won the run by placing five men out of the first six. The winner's time was 21 min. 52 secs.

SHOW COMPETITION

ond Assistant Publicity Manager will start this afternoon at five o'clock men intending to come out report to-

Tech Union Dining Rooms

42 Trinity Place

SERVICE:

Table d'Hote Cafeteria

TECH UNION BARBER SHOP

Located at the

Hotel Westminster

Handy to the institute. Up-to-date, fashionable hair cutting by skillful barbers. The best hygienic and most_perfectly ventilated shop in the Back Bay. THE TECH UNION BARBER SHOP



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Wadsworth Howland & Co. Inc. 222 Clarendon Street

139-141 Federal Street 84 Washington Stree

CO-OPERATIVE SOCIETY (Continued from Page One)

during the year 1914-1915 at the Harvard store will receive in cash seven per cent of the money they paid. As a rule the dividend is about nine per cent, but the war affected the business of the store this past year.

In the Technology branch of the store will be found all the commodities for which there is a general call, and students may make purchases at the main store in Harvard Square, being credited with their dividend. Among the departments of the store are the men's furnishings, books, stationery, tailoring, including contract pressing and laundering, and furniture departments. A card gives the members a discount in certain of the Boston stores as is the case with the Institute Society. Credit accounts may be made, bills being sent out every month. The Technology members of the Society will be represented on the Board of Directors.



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DRESS CLOTHES

Dress Suits -\$28, \$38, \$50 Tuxedo Suits \$25, \$35, \$45

SPECIAL FOR THIS WEEK Bress Coat and Trousers with White Pique Vest \$25.00

The very latest model

A la Carte