THE TECH

Boston, Massachusetts.

April 18, 1895.

Volume XIV.

Number 27.
Priest's Dining Room,
102 Dartmouth Street, Boston.

21 Meals (full ticket), $4.00. 14 Meals, Breakfast and Dinner, $3.00. 7 Meals, Breakfast, $1.50. 7 Meals, Lunch, $1.40. 7 Meals, Dinner, $1.75.

HOURS FOR MEALS.—Week Days: Breakfast 6 to 10; Lunch, 12 to 2.30; Dinner, 5 to 8. Sundays: Breakfast, 8 to 10.30; Dinner, 12.30 to 3.30; Lunch, 5.30 to 7.30.

C. M. PRIEST, Proprietor.

THE HOTEL HUNTINGTON,
COPLEY SQUARE AND HUNTINGTON AVENUE.
Offers large and pleasant outside rooms, from $7.00 per week upward.
Dining rooms conducted on European plan.
An elegant Gentleman's Café has recently been added

C. A. JONES & CO.,
PROPRIETORS.

STUDENTS' SUPPLIES.
Blank Books, Note Books, Drawing Papers, Pens, Inks of all kinds, Fountain Pens.
PERIODICALS AND MAGAZINES.
Writing Paper and Envelopes with TECH Monogram and Imprint Paper by the pound, at
SOUTHWELL'S,
Corner Dartmouth Street and Columbus Avenue, and 439 Boylston Street.
2d door from Berkeley Street.

OAK GROVE CREAMERY CO.,
DAIRY LUNCH ROOM,
445 BOYLSTON STREET, CORNER BERKELEY.
Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

Pure Fresh-churned Butter, in Quarter-pound Prints, Five and Ten Pound Boxes, Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs.
Pure, Full Cream Cheese, American (plain), Sage, Neufchatel and Edam. All kinds of Fruit Ices.

NELSON L. MARTIN.

T. E. Moseley & Co.,
SHOES
The largest assortment in Boston, in Black, Tan and Patent Leather, at Popular Prices.
Our $4.00 and $5.00 goods are superior in style and quality to those usually sold at such low prices.

DISCOUNT TO TECHNOLOGY.
469 Washington Street.
THE TECH

J. C. LITTLEFIELD,
Tailor • and • Outfitter,
21, 23 BEACON STREET, BOSTON.

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my $30 Cheviot and Tweed Suitings.

**GOLF BREECHES, RIDING BREECHES, AND DRESS SUITS A SPECIALTY.**

**DISCOUNT TO STUDENTS.**

<table>
<thead>
<tr>
<th>Banjo, Mandolin and Guitar.</th>
<th>Drawing Boards, Papers, Inks, Pens, Instruments, and Fountain Pens At Discounted Rates.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>THE LANSING BANJO.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>G. L. LANSING,</strong></td>
<td></td>
</tr>
<tr>
<td>Teacher, and Director of Clubs, 171-A WINTER STREET, BOSTON.</td>
<td><strong>A. D. MACLACHLAN,</strong> Tech Co-operative Store, 214 Clarendon St., - - Boston, Mass.</td>
</tr>
<tr>
<td><strong>BEST INSTRUMENTS CONSTANTLY IN STOCK. MUSIC, STRINGS, ETC.</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Bookbinding**

**IN EVERY STYLE.**

**ALEX. MOORE, 3 School Street, BOSTON.**

---

**C. E. RICHARDSON,**
**AGENT FOR DARTMOUTH LAUNDRY,**
Coolidge & Caswell, Prop’rs, 141 Dartmouth St., Boston.

Orders by mail receive prompt attention. Goods called for and delivered without extra charge.

**WALTER C. BROOKS & CO., TAILORS**

---

**M. I. T. CO-OPERATIVE SOCIETY.**

15 MILK STREET, BOSTON, MASS. **BIRTHPLACE OF FRANKLIN.**
DAME, STODDARD & KENDALL,
GYMNASIUM OUTFITTERS.

SUITS A SPECIALTY. SHOES, TIGHTS, SHIRTS, STRAPS, ETC.

Special discount to Tech men on these goods.

NO. 374 WASHINGTON AND NO. 2 FRANKLIN STREETS.

STANDARD CLOTHING CO.,
MANUFACTURING RETAILERS OF
HIGH GRADE CLOTHING
From both Foreign and Domestic Fabrics.

ALSO ADVANCE STYLES IN TROUSERS, SUITS, AND OVERCOATS.
Full Dress Suits Constantly on Hand.

395 WASHINGTON ST., - - - BOSTON, MASS.

DR. E. L. JORDAN,
DENTIST,
23 TREMONT STREET . . . . BOSTON.
Opposite Boston Museum.
The only place in Boston where Teeth can be excavated for filling
WITHOUT PAIN.

Gentlemen! I wish to call your attention to the
fact that I am paying the highest Cash Prices
for Cast-off Clothing. Also
Cleaning and Repairing done at short notice
Send postal to .......
M. KEEZER,
105 Lamartine Street, Jamaica Plain, Boston.
I can be found outside the Technology Buildings on Boylston St. daily

THE
Union Gymnasium.
48 BOYLSTON STREET,
(Near Tremont St.)

SPACIOUS. PRACTICAL. POPULAR.
Complete Modern Apparatus.
Marble and Concrete Bath Rooms, with
Shower, Sponge, Needle, Douche,
and other baths.

Dressing Rooms. Extra Large Lockers.

PRACTICAL CLASSES.
Competent Instructors in attendance Day and Evening.
No Extra Charge for instruction.

Terms: $5 and $8 per year, according to
hours of Exercise.

BOSTON YOUNG MEN'S CHRISTIAN UNION.

EYES.
CHAS. W. HURLL, JR.,
Practical Optician.

SPECTACLES, EYE
GLASSES, OPERA GLASSES,
THERMOMETERS.

Oculists' Prescrip-
tions filled.

Ten per cent discount to M. I. T. Students.

409 WASHINGTON STREET, ONE FLIGHT.
Between Winter and Bromfield Sts.

FOBES' SHORTHAND SIMPLIFIED.
WRITES LIKE LONGHAND.

EASY TO LEARN, EASY TO WRITE, EASY TO READ.

Lessons by mail. For particulars address WALTER K. FOBES,
86 Waltham Street, N. Cambridge, or Box 2086, Boston, Mass.

No. 146 Tremont Street, Over Huyler's.
Branch... No. 1068 Boylston Street, Corner Massachusetts Avenue.

RESTAURANT MARLIAVE,
11 Bosworth Street.

HENRY D. CASEY,
198 DARTMOUTH STREET, BOSTON,
ear Copley Square.
Manufacturer and Gilder of Gold and Bronze Landscape and Portrait Frames
In Antique and Modern Designs. Old Frames and Furniture Repaired and Regilt.
Artists and Art Patrons will realize a great saving by dealing directly with the Manufacturers, Models and Patterns of Frame Architecture can be seen at Studio.
Oil Paintings Cleaned and Restored.

CONTINENTAL CLOTHING HOUSE,
MEN'S, BOYS', AND CHILDREN'S CLOTHING,
GENTS' FURNISHINGS, HATS AND CAPS.

Fine custom work made from measure. Uniforms of every description. Special attention given to TECHNOLOGY and ENGLISH HIGH SCHOOL UNIFORMS. Workmanship the best. Prices the lowest.

WRIGHT & DITSON,
FINE ATHLETIC SUPPLIES.

WRIGHT & DITSON'S LAWN TENNIS SUPPLIES ARE ACKNOWLEDGED LEADERS AND THE FINEST MANUFACTURED.

BASEBALL.
Every requisite for the Game; Uniforms a specialty. Golf Supplies and all requisites for Outdoor and Indoor Sport.

Handsome Catalogue Free. 344 Washington Street, Boston.
CLOTHING CLEANSED

Last season’s suit or overcoat, carefully cleansed and pressed, would look nearly as well as new.

Woolen clothing DYES to look extremely well.

All work ironed by hand.

CALL FOR AND DELIVER BUNDLES.

LEWANDO’S

17 TEMPLE PLACE, - - - Telephone 1393, BOSTON.

284 BOYLSTON STREET, - - - “ 239-2, TREMONT.

Lewando’s Laundry is the Best.

The Standard for All.

Columbia Bicycles

Highest Quality of All.

Have you feasted your eyes upon the beauty and grace of the 1895 Columbias? Have you tested and compared them with all others? Only by such testing can you know how fully the Columbia justifies its proud title of the “Standard for the World.” Any model or equipment your taste may require. $100

POPE MFG. CO.

HARTFORD, Conn.

Boston, New York, Chicago, San Francisco, Providence, Buffalo.

An Art Catalogue of these famous wheels and of Hartford’s, $25, free at Columbia agencies, or mailed for two 2-cent stamps.

White Bros.

Merchant Tailors

Have opened a New Store at

306-A COLUMBUS AVE.

Suits that were $30 now $15; suits that were $25 now $15; pants that were $9 now $5; pants that were $7 now $4; spring overcoats that were $35 now $25; spring overcoats that were $30 now $18. Foreign and domestic woolens at reduced prices for a short while. All work made strictly to measure in a first-class manner and guaranteed to fit. Our stock is all new and stylish goods.

FOR

ALL PAIN

Rheumatism

Feminine

Complaints

Lameness

Soreness

Wounds

Bruises

Catarrh

Burns

Piles

USE

POND’S

EXTRACT

It will cure.

For demanding Pond’s Extract. Avoid all imitations.

Demand Pond’s Extract, avoid all imitations.

FAC-SIMILE OF BOTTLE WITH BUFF WRAPPER.
L. P. HOLLANDER & CO.,
FINE READY-MADE CLOTHING

Everything shown in our stock is exclusively of our own make, cut from patterns corrected to the latest fashions, and made from the best of materials. We respectfully solicit a comparison of prices and an examination of our styles, also

FURNISHING GOODS AND HATS.
202 to 212 Boylston Street.

Frank Wood,
Printer,
352 Washington Street, Boston.

CLASS-DAY INVITATIONS,
BLANK BOOKS, FOUNTAIN PENS,
CAN BE FOUND AT THE CO-OPERATIVE STORE,
H. H. Carter & Co., No. 3 Beacon St., Boston.

PAINLESS DENTISTRY
BY THE USE OF DORSENIA.

DR. YOUNG, Surgeon-Dentist,
415 BOYLSTON STREET.

Special attention to Tech boys.

EXETER LUNCH ROOM.

QUICK SERVICE!

BEST SANDWICH IN BOSTON.

A. ALGAR,
35-A EXETER STREET.

NEW MAIL

HIGHEST GRADE LIGHT ROADSTER.
Price for 1895. $85.

MEN'S AND LADIES' pattern . . . . $85
YOUTH'S NEW MAIL, a high grade Boy's
Wheel . . . . . . . . . . . . . . . $50
Also TEMPLAR, best medium grade Man's
Wheel . . . . . . . . . . . . . . . $60
ATALANTA, Ladies' Pattern . . . . $60
Other makes, Boys' Wheels . . . . . $15 up

A few Shopworn and Secondhand Wheels taken in trade at very low prices. Bargains.
Catalogue and Secondhand list.

WILLIAM READ & SONS . .
107 WASHINGTON STREET, BOSTON.
COLLINS & FAIRBANKS

CELEBRATED HATS!

STYLES SPECIALLY ADAPTED TO YOUNG MEN


381 WASHINGTON STREET, BOSTON.

SPECIAL TO TECH MEN.

Riding, hunting, and knickerbocker breeches, leggings and gaiters, spats, and park riding trousers.

Golf suits with caps and capes.

Best genuine Scotch "Harris" hand-spun golf and knickerbocker stockings in all sizes; clan and fancy designs.

All garments cut in strict English style.

MESSNGER & JONES,

YOUNG MEN'S TAILORS,

388 Washington Street, Boston.

STUDENT WORK IN ALL ITS BRANCHES A SPECIALTY

M. L. T. Co-operative.
We must commend to the fullest extent the conscientious labors of the many men to whom the encouraging outcome of the several events is due. A vast amount of work has been expended in planning and arranging in detail each occasion; and each has been proudly carried through because every man has done his duty well.

To all of our friends who remain after the round of events thus far, The Tech, in the true spirit of the time, extends its heartiest greetings, and only regrets that they should of necessity be delayed. In substantial token of its welcome, and in appreciation of the true success of Junior Week, it will present in its next issue an extended souvenir of the time.

Not at all the least important among the events of Junior Week was the appearance of the College Annual on Tuesday. Through the kindness of the editors we were enabled to obtain a copy in season for a short review of their work. "Technique," whose appearance has been awaited impatiently but not vainly, well deserves the success which it has experienced.

Without we find a cover symbolical of neither college nor class colors, yet presenting a neat and tasty design in gold and silver on a background of grey. Within is page after page showing careful and conscientious work in the desire to raise "Technique" even higher than the position which it now holds.

Following the facetious Calendar is a brief outline of the life of each Professor, together with a half-tone picture and his residence, the latter being a long-needed addition. It is impossible, without the intervention of full-page cuts, to arrange the Local Societies in chronological order, yet we regret to find them sifted in so promiscuously.
In special cases the cuts do not equal those of last year; their number has been increased, and as a whole their character improved not only artistically but also in fitness. One illustration, that of the Architectural Society, by E. Johnson Loring, '95, deserves especial mention.

The literary efforts occupy an unusually large space this year; some might well be omitted as the volume is fast attaining unwieldy dimensions. In the Grinds the editors have shown themselves rather indiscreet, seeming not to have profited by the experience of last year's board; we trust, however, that the victims will overlook their faults and take the jests in the spirit with which they were written. An alphabetical list of the entire student body is at times convenient, but hardly justifies placing Seniors and Freshmen in one confused mass. The rise in price, which the Board has seen fit to impose, was an unpleasant surprise to all. Ninety-seven will find here a chance to display their skill in returning to the former price of one dollar.

The effect of the co-operation of previous boards is well shown throughout the volume, the whole Institute is well represented in all departments, the typographical work is excellent, and the whole makeup such as becomes a leader of college annuals. Technology may well feel proud of this brilliant addition to her reputation.

The Rotch Designs were judged last week.

L'Avenir has not attempted to publish a libretto this year.

No meeting of the Geological Club was held last week.

The regular Applied Mechanics laboratory work finished last week.

Lieut. F. H. Twombly has been appointed Adjutant of the Regiment.

An examination in Political History was given the Freshmen last Thursday.

The Freshman ball team played the Chauncy Hall nine last Saturday at the clover field.

A large number of men in Co. C are going to drill voluntarily on Tuesday afternoons.

The last assignment of essays for the Freshman class in Political History has been made.

At the request of Professor Hofman, we publish this week a somewhat extended account of the Summer School of Mining and Metallurgy held last June at Halifax, and at Sydney, on Cape Breton, in Nova Scotia. It is hoped that a recounting of the events of a successful trip last year will do much toward arousing a special enthusiasm in the work of the School which will be held during June of the current year in the mining localities of New Jersey and Pennsylvania. Much of the success of the work undertaken in 1894 is due to the very considerable interest and cooperation extended by several well-known Mining Engineers of Canada.
Professor H. W. Tyler lectured on "The Teaching of Mathematics" Saturday, April 13th.

The Mondaman Club held its monthly dinner at the Thorndike, and not at Parker's, as previously stated.

The Freshman classes have finished Plane Trigonometry. Solid Trigonometry will not be taken up this year.

K₂S held a smoke talk at their rooms last Thursday. Papers were read by Messrs. Walworth and Bigelow.

The Secretary has published a list showing the first term conditions which may be covered by second term work.

Prof. Elihu Thompson lectured on "Recent Developments in Electricity" to the Senior class, Thursday, April 11th.

The drawings for the Rotch competition have been on exhibition for a week, and have been visited by many of the students.

Professor Chandler is now in the north of Italy, and expects to visit Southern France and Spain before his return, about May 1st.

It has been decided to permit the use of the South Armory to the M. I. T. Cadets on May 11th. No dancing will be allowed.

The advertising in the Annual Catalogue of the Architectural Society has been placed in the hands of Mr. H. P. Coddington, '95.

The class in Comparative Anatomy, under Dr. Bigelow, is making a series of weekly excursions for a practical study of the subject.

The Glee, Banjo and Mandolin Club will give a concert at Lowell on Friday evening, April 19th. After the concert a dance will be given as last year.

The Mandolin Club will disband after the Lowell engagement, and Messrs. Small and Barber will render selections at future concerts.

Second year students in design were assigned as their last problem "A Bank Building for a Town of Ten Thousand Inhabitants," due on the 17th of April.

The chorus of the Deutsche Verein had their picture taken in costume on last Saturday. Several of the men had their photographs taken individually.

Students who contemplate entering the Summer School of Metallurgy can obtain circulars of information concerning it by applying to Professor Hofman.

The Cotton States International Exhibition, to be opened at Atlanta on September 15th, has invited the Architectural Department to send specimens of its work for exhibition.

A number of Cadets have taken advantage of the permission to use the Armory for practicing the manual, and have been hard at work almost every day perfecting the movements.

The Business Management issued, on Monday morning last, an attractive souvenir of Junior Week, consisting of a miniature reproduction, in color, of The Tech, with a full calendar of events.

Mrs. Draper, who has given many valuable books to the Architectural Department for several years past, has recently presented it with a number of others which will soon be placed in the library.

At the last meeting of the Society of Arts Professor Markoe read a very interesting paper on chemical coloring matter. At the next meeting, on the 25th, Mr. Keith will speak on Fermentation.

A circular giving detailed information concerning the examinations of applicants for the position of Second Assistant Engineer in the U. S. Revenue Cutter Service, may be consulted at the Secretary's office.

Course IV. will carry on courses in Orders, Second Year Design, Shades and Shadows,
and Architectural History this summer, to accommodate those college graduates who wish to take up Third Year Design in the fall.

Captain Bigelow has very kindly informed the Harvard Cadets that they will need a license to drill with arms in public. An immediate arrest of the whole battalion would occur should they appear with equipments and without the necessary permit.

The following men have been measured for suits at Horace Partridge & Co.'s, for the '98 ball team: Barber, Emery, Underwood, Muhlig, Delano, H. Sargent, Bardwell, Nolte, Crowell, Tallmadge. The uniform will be gray, with blue cap, belt, and stockings.

In accordance with the wishes of a large number of Cadets, arrangements have been made to have the armory open Tuesday afternoons for Co. C, and Thursday afternoons for Co. D. The extra drills are held in special preparation for the coming competition.

In testing a large truss, recently, in the Engineering Laboratory, the lower lever in the 100,000-pound testing machine was broken. The indicated load at the time was 100,000 pounds. The accident, caused by the lever being weakened by the knife edge, can be easily repaired.

The new Rotch Scholarship has been won by a Technology man,—W. S. Aldrich. Mr. Aldrich was born in Maine, and first studied in I. C. Stevens' office in Portland. Later he came to Boston and entered Course IV. at the Institute. He is at present in the office of Blackall & Newton.

Last Tuesday, Mr. Bradley Stoughton smelted some copper bearing pyrites from the Davis mine of Western Massachusetts. The charge was very nicely adjusted, matte only being formed. The run lasted from 8 A. M. until 4 P. M., and was exceptionally successful in every particular.

The New York Evening Post of March 30th contains an article by Dr. Ripley on "New England's Supremacy in Cotton Manufactures," in which the peculiar climatic conditions which render the New England States particularly favorable for cotton spinning are discussed at length.

Twenty-four specimens of bolted tension-plate work, sent by the Boston Bridge Co., have been tested by students in the laboratory. These, together with the calibration of springs and the crushing of large spruce columns and spruce blocks, have given a good variety to recent tests.

The Boston Architectural Club opened an exhibition in Copley Hall on April 15th, in which the designs receiving mentions in the Beaux Arts Society competitions were placed, with the exception of those winning the medals and the first prizes, which have been kept in New York.

Mr. M. A. Sears, Course III., has been working in the Mining Laboratory on a chromium ore from Ontario, Canada. He has crushed and concentrated this ore, which initially contained twenty-five per cent of chromium, and will attempt to obtain a marketable product carrying fifty per cent of the metal.

The Electoral Committee of the Sophomore Class has elected the following men to their "Technique Board": Associate Editors, Wilfred Bancroft, R. S. Whiting; Society Editor, H. A. Noble; Athletic Editor, J. P. Ilsley, Jr.; Statisticians, C. Shuttler, F. E. Bragg; Business Manager, T. Washburn; Assistant Business Manager, E. M. Hawkins.

The Cadets of Companies C and D turned out but fairly well at the extra drills held last week. If Technology is to defeat Harvard in the competition of May 11th, a more hearty spirit must be shown. If every man will make it a point to be present at the remaining drills, Ninety-eight's victory will be assured; otherwise, defeat must be expected.
The Andover Club met Thursday last for the purpose of amending the constitution to the effect that officers shall be elected at the last meeting of each year, rather than at the first meeting. In accordance with this amendment, the Club proceeded to the election of officers, which resulted as follows: President, Howe, '96; Vice President, Dunn, '97; Secretary-Treasurer, Hooker, '97.

The following tests have been made on the Rope machine during the month: American and Russian hemp rope two and one-half and three inch, both tarred and dry, six inch and two and one-half inch manilla, and three inch sisal. These results, with the results of the private tests for the Plymouth Cordage Company, have resulted in a large amount of valuable data, comprising a complete series from sizes one and one-half to ten inch.

Professor Homer is completing arrangements for the Summer School to be held in Salem for the three weeks following the close of this term. Through the courtesy of the Essex Institute he has secured the use of Plummer Hall as the headquarters for the classes while in Salem. Trips will be made daily to Marblehead and other neighboring towns for the purpose of sketching, and the drawings will be completed on the return to Salem.

A. S. Coburn, Course III., has lately employed the stamp mill in the Mining Laboratory to crush a nickel-bearing pyrrhotite from Dracut, Mass. The crushed ore has been run over the Frue vanner, and the tailings obtained from this machine have been treated on the slime table. Mr. Coburn's thesis work consists in crushing and concentrating the nickel ore, roasting and smelting it to a matte. The problem of determining the best method of extracting the nickel from the matte will next be undertaken.

A special meeting of the Architectural Society was held early last week to take final action upon the question of publishing a catalogue of the Annual Exhibition of the Architectural Department. Mr. Mann made the report for the committee on last year's catalogue, which was accepted. Messrs. Faville, Bourne, Porter, Garfield, and Von Holst were appointed to arrange for the publication of a catalogue of the Annual Exhibition, and the Society voted to support its publication financially. Mr. Loring was appointed to arrange for a group photograph of the Society, to be taken in the near future.

The Department of Civil Engineering has been well alive to the interests of the students, and has provided during the past several weeks a number of able lecturers on subjects closely allied with third and fourth year work. The list of speakers and the topics chosen are as follows: General Roy Stone, Chief of the Bureau of Road Inquiry, in the Department of Agriculture, two lectures on Road Legislation and Road Construction; Mr. Henry Manly, Assistant City Engineer of Boston, in charge of pavements, two lectures on City Streets and Pavements; Mr. George A. Perkins, Chairman of the Massachusetts Highway Commission, two lectures on Road Legislation; and Colonel H. G. Prout, Editor of the Railroad Gazette, New York, one lecture on Steel Rails. The subjects were each treated in a comprehensive manner, and proved to be of very considerable interest to the members of Courses I. and XI.

The Summer School of Mining of 1894.

The Summer School of Mining, under the direction of Prof. R. H. Richards, Prof. H. O. Hofman and Mr. J. P Lyon, was held last year in Nova Scotia. The school consisted of the following members: W. P. Anderson, A. S. Coburn, B. Hodge, E. C. Jacobs, R. H. Lewis, C. E. Locke, G. Moore, C. S. Newhall, M. A. Sears, B. Stoughton, and C. R. Walker.

The party sailed from Boston for Halifax on June 2d, and were received upon landing by
On the sixth of July, the party started for home and thus ended the Summer School of Mining for 1894. It will long be remembered by the members as one of the pleasanest experiences of their Institute life and too much cannot be said in praise of the gentlemen, who planned and so successfully carried out the trip in every detail.

The Norwegian System.

At the last meeting of The Walker Club, a debate was held on “The Advisability of adopting the Norwegian System in the State of Massachusetts.” For the benefit of those who may be unacquainted with this problem, it may be said that through the Norwegian System the element of private profits from the liquor business will be entirely eliminated, for the reason that the licenses in each town and city will be transferred wholly to one corporation, composed of public-spirited men, who are forbidden to realize any profit other than that of four per cent upon the shares they may hold. The remainder of the profits, after a certain amount has been deducted as a reserve fund, shall be employed for objects of public usefulness, including hospitals, parks, coffee-rooms, and other charitable undertakings.

The managers of these saloons, as servants of the company, shall be paid fixed salaries, so that it will be of no incentive to the bartender to stimulate and increase the trade. The saloons shall be plain, unadorned rooms, with no other attraction than the drink which they will contain. No man shall be allowed to linger in the saloon after having finished his drink, nor shall he receive a sufficient amount, at any one time, to intoxicate him. There shall be strict rules forbidding the selling of liquor to habitual drunkards, intoxicated persons, and minors. The elimination of the element of profits, by removing every incentive on the part of the bartender to break the rules, will make rigid enforcement possible; absolute purity of the liquor will be also guaranteed.
The principal debatants were Mr. McCarthy and Mr. Munroe on the Affirmative; Mr. Knight and Mr. Conant on the Negative. The speakers for the Affirmative brought forward the following reasons for the adoption of the system: the efforts made in past years toward prohibiting and regulating the sale of intoxicants have accomplished practically nothing, and the liquor question in Boston was cited as an example; Mr. McCarthy stated that for a number of years Boston had secured a high license with the result that although the number of saloons had been diminished, those men who still retain barrooms have become vastly enriched, the saloons have been made more attractive, and the temptations offered to a drinking man have become greater than ever. The affirmative also suggested that the liquor traffic would be placed, under the Norwegian System, in the hands of honest and upright men, working merely for the interests of mankind and not for any personal emolument. In that the system will provide for the sale of pure spirits, not a little of the present evil of the saloons will be avoided. Moreover, the sale of liquor will be entirely separated from politics; to-day, the saloons are the centers of the basest political corruption. Under the System advocated, the barrooms will be entirely free from the vicious ward-heeler, thus removing one of the most demoralizing elements of our city government.

The Negative argued that the system tended to establish a continual license, and that through its adoption, the hopes of the no-license men, or prohibitionists, would be entirely destroyed. Also, that since the management of the liquor business would be placed under one single corporation, there would be a tendency on the part of the stockholders to manage the System in a manner suited to their own pleasure, regardless of outside interests. They based their chief argument, however, in proving that the consumption of liquor would not be decreased, and in showing that the statement advanced by the Affirmative to this effect was false; that the sale of liquor, which statistics had shown to decrease from one year to the next in Norway, was due to the fact that the year which they had chosen to start with was one of the worst in this respect which the country had been called upon to undergo, and that a change for the better was inevitable, regardless of the Norwegian System.

Ninety-five Theses (Continued).

COURSE VI.

BENJ. ADAMS with A. P. SLOAN.—Study of Transformers.
E. C. ALDEN with J. B. BOOTH.—Study of Stanley Two-Phase Generator, Motor, and Transformer.
LAWRENCE BARR with R. R. LAWRENCE.—Pyrometry.
C. W. BERRY with L. F. HOWARD.—An investigation of em. f due to thermo-electric couple on element Pt. and other Pt.-Rh. alloys, with object of obtaining $n=1$ in formula $E=Mn^2$ and also to obtain further knowledge concerning the Thomson effect.
JOHN BOEDEKER with W. A. HALL.—Test on Dynamo of Plant in State House Extension.
J. B. BOOTH with E. C. ALDEN.—Study of Stanley Two-Phase Generator, Motor, and Transformer.
C. P. COOKE with J. WIN. COOKE.—C. and E. Waves in Transformers.
J. WINFIELD COOKE with C. P. COOKE.
H. P. CODDINGTON with ALDEN and BOOTH.
C. F. EVELETH with A. D. DEAN.
F. A. J. FITZGERALD.—The Use of the Telephone as a Detector of Alternating Currents.
W. E. GOODYEAR with GERRARD SWORNE.—Thermal Conductivity.
G. W. HAYDEN.—Experiments upon Insulation at High Voltage.
W. A. HALL with JOHN BOEDEKER.—Test on Dynamo of Plant in State House Extension.
L. F. HOWARD with C. W. BERRY.
H. A. HOLDREGE.—The Errors of Weston Ameters.
S. P. HUNT with D. N. MARBLE—Test on an Electric Light Station at Newton.
F. Kleinschmidt with J. H. Wagner.—Test on Street Car Motor.
R. R. Lawrence with Lawrence Barr.—Pyrometry.
D. Libby with M. L. Fish.—A Study of the Phase Relation of Alternating Currents. Optical Method.
D. N. Marble with S. P. Hunt.—Tests on Electric Light Station at Newton.
A. F. Nesbit with W. F. Patten.—Transmission and Distribution of Power by the use of Inductance and Capacity.
W. F. Patten with A. F. Nesbit.
Walter W. Reed.—Study of a 3. K. W. Generator.
H. A. Rust.—Carrying Power of Wires.
J. C. Sherman.—Improvements in Resistance Boxes.
A. P. Sloan with Benj. Adams.—Study of Transformers.
Gerard Swope with W. E. Goodyear.—Thermal Conductivity.
J. H. Wagner with F. Kleinschmidt.—Tests on Street Car Motor.
Course VII. has no graduates this year.
Course VIII. Theses will appear at a later date.

COURSE IX.

C. B. Sanborn.—“Third Party Movements in American Politics.”
Luther Conant.—“The Office of President in the French Republic.”
R. J. Williams.—“The World’s Wheat.”

COURSE X.

G. L. Bixby and W. S. Williams.—The Calorific Power of Coal.
E. E. Denison and J. C. Dickerman.—A Test of the Smoke-preventing device of the Bacon Engineering Co.
H. W. Hayward.—Soaps as adulterants of Hard Oil.
S. P. Hunt, Courses X. and VI.—Course X. Thesis is An Investigation of the Methods of determining Methane and Hydrogen by Explosion.
W. C. Powers.—The Forming Temperature of some Ferrous Slags.
R. K. Sheppard and A. L. Canfield (II.).—Test of a Refrigeration Plant.

COURSE XI.

Brackett, W. C. with F. W. Harris.—A Design for the Extension of the Sewerage System for the City of Fitchburg.

Course XII. has no graduates this year.

COURSE XIII.

E. D. Barry.—Calculation of the stability of oil steamer Maverick.
C. H. Clark with W. H. Winkley.—Design of an ocean-going tug.
F. T. Miller with R. G. B. Sheridan.—Test of the engine and boilers of Steamship Brookline.
R. G. B. Sheridan with F. T. Miller.—Test of the Engines and boilers of Steamship Brookline.
W. H. Winkley with C. H. Clark.—Design of an ocean-going tug.

First term conditions in subjects extending through both terms will be covered by clear records in May as follows: — First Year: Free Hand Drawing, Mechanical Drawing, Descriptive Geometry, Geometry (except IX.), French, German, Trigonometry; Second Year: French, German, Physics, Mechanism; Third Year: French, German, Thermodynamics; Fourth Year: History of the Renaissance. Conditions will not be covered, but distinct examinations held in the following subjects: — First Year, Chemistry; Second Year, Analytic Chemistry, Acoustics and Electricity, English Literature; Third Year, Analytic Chemistry, Theoretical Chemistry. In regard to other subjects, conditioned students are referred to the instructors in charge respectively.

About twenty-five men turned out when the Oval was opened for training,—since that time the number has increased to over fifty individuals.

Mr. S. H. Brockunier, ’93, has become Secretary of the Brook Gas Company at Wheeling, West Virginia.

Athletic!

There is much to baffle an athlete;
Many things to cripple his fame!
But there is one who is always a winner!
’Tis the cat in an “open scratch game.”
The Lounger has small sympathy with those who malign the spring poet. He would be one himself did but the divine afflatus deign to descend upon his soul at an opportune moment. As the observant public has noticed, he occasionally lapses into verse on occasions like St. Valentines Day and other feasts where emoluments are more valuable than even his not overwhelming dividend in The Tech’s profits. In this connection he might observe that it has been many years since The Tech has been on a remunerative basis. On the question whether its present financial burdens are due to the persistant refusals of Technology men properly to support a college paper, he has no compunctions in deciding in the affirmative. But “that is another story,” and one not calculated to inspire the calm thoughts appropriate to Springtime. The evidences of its presence are everywhere at hand, however. The Tech office boy has washed the windows, and the board coverings have been removed from the steps, each screw carefully numbered with its corresponding hole against the inclement days of next autumn. The proprietor of my laboratory has had his hat ironed, or, rather, ought to have, and the daffodils and the violets are, and of right ought to be, meditating of sprouting their annual sprout. Owing to the Lounger’s arduous labors on behalf of Technology at large, he is confined within the tiresome limits of brick sidewalks and cobblestones during term time, and the brightbotanic phenomena appear without his French assistance. This same devotion to duty compels him to sit in his corner and watch the “bloody rain” come down and make pretty wrecks of Easter finery, while the same gentle downpour transforms into a murky sea that triumph of highway engineering known as Boylston Street. Such are the fugitive thoughts engendered in the Lounger’s brain at the presence of a budding season. The ideas are worthless, and, after the usual custom in such cases, he will let them stand for what they are worth.

Ninety-seven has done something. Their “Technique” Board is nearly all chosen, and the class has the Lounger’s congratulations. An appeal to the artistic talent of the class lying in insinuating repose against the “Technique” Bulletin seemed recently to remind Technology that possibly our noble Juniors had occupied that vantage ground long enough. Ninety-six’s mortgage on the location has certainly been of long duration, and its ending with the announcement of the Prize Competition will doubtless afford the present Sophomores a gratifying chance to exhibit their skill in catchy bulletins. Now that the Ninety-seven “Technique” artists are yet to be chosen, the Lounger might suggest, in view of the difficulties of securing impartial and wholly competent judges, that he has survived the vicissitudes and turmoils of several “Technique” Boards, and that he is prepared to settle this delicate matter to the satisfaction of all concerned.

As the Lounger’s inherent modesty prevents any more extended exploiting of his attainments, he will graciously leave further action in this matter to the members of the Board, who, he trusts, are amenable to less violent arguments than the proverbial kick.

---

A pretty maid is nice to see,
And she is nice to woo.
It matters not how sweet she be
If she’s not sweet on you.

—Yale Record.

THE MODERN LORELEI.

August—the Shore.

Roll, gray sea, on thy shining sands;
Sigh, young breeze, through the silent tree;
With a sad farewell and a touch of hands
My lover has gone from me.

Break, fond heart, with the parting grief:
Mine eyes, hold back your bitter tear,
And days revolving, be brief, be brief,
Till he come again next year.

December—the City.

Ah! haven't I met you before?
I seem to remember your face.—
How extremely crowded the floor.—
Yes, at Newport; the very place.

My card? Not a number left;
So sorry! What, must you be gone?—
And this, in the guise of a summer girl,
"Hat die Lorelei gethan"

—Cornell Era.
Beneath a mass of tangled hair
Two eyes look out at me;
Two eyes that shine with roguish light,
And laugh defiantly.
Sing, if you will, at laughing eyes
That dance so merrily;
It’s different when the eyes are thine,
And only laugh at me.  
—Yale Record.

“Where is the harm?” the maiden said.
“Why do you censure me?
Why you forbid dear Charley Jones
to call, I cannot see.”

“Where is the harm?” the papa roared.
The maid stared in alarm.
“Last night I saw it all, and yet
You ask, ‘Where is the arm?’”
—University Chronicle.

TRUE LOVE.
In summer she’s a beauty,
With her fascinating curls;
In Winter her hair is straight
And she’s ugly as other girls.

But I love her so in summer,
That I’m bound to make her mine;
So we’re going South to seek
A perpetual summer clime.
—Vassar Miscellany.

RONDEAU.
A little note, that tells me she
Will hear Grand Opera with me;
A dainty square of creamy white
That augurs me one happy night
With Faust to hear and Grace to see.

The Auditorium balcony
Henceforth all glorified will be
Because sweet Grace had deigned to write a little note.

But each seat costs me dollars (3),
The carriage sticks me for a V.
And so dear bought is my delight
That I must meet (unlucky wight!)
Within the near futurity a little note.
—U. of C. Weekly.

EASTER SUNDAY.
“How beautiful the flowers,—
The lilies white and fair,—
The music was delightful.
The hymns, the chanted prayer.

“The toilets were so perfect,
Of textures rich and rare,
No wonder that each of us
Did at the other stare.

“O ’twas a glorious service,
And all the world was there!
‘But how about the sermon?’
You’ve got me, I declare.”
—Lehigh Burr.

A REVERIE.
Sing of the joys of a summer’s night,
Tell of a harvest moon,
Shedding rays of a shimmering white,
Flooding a night in June.

Sing of the maid with a pretty face,
Tell of her laughing eyes,
Flashing the light which the moonbeams trace
Through the depths of summer skies.

Sing of the words she whispered then,
Echo the beating heart:
Tell of the bliss ecstatic, when
The lips their love impart.

And sing, alas, of a broken heart,
Tell of a love grown cold;
Forgotten vows and hidden pain,
And love that is bought with gold.
—Trinity Tablet.

THE CHARIOTEER.
The glitter of the dazzling sand beneath,
Around the droning hum of Rome’s superb,
He sees and hears, and flushes for the trial.
Within his chariot’s circling rim he stands,
His eye and ear intent upon his steeds,
His thoughts with one who peers down from above,
With inky hair, and mellow, tawny skin,
Who promised, should this day a victory bring,
To leave fair Greece and be a Roman bride.

A motion of his wrist, and off they go,
With foam-flecked flanks and madly tossing manes!
The turn! now fly! white, bonny Arab four;
The goal is near! thy master’s hand is sure!
The post is turned! on! on! a few rods more!
He leans toward their striving, steaming flanks,
His face so pale, his bearing so intense.
The great whip cracks but once — and then a hush!
The finish must be close — then roar on roar —
For there across the Arab’s snowy backs
Is flashed the saffron silk of Victory!
—Yale Courant.
Shirtings for Season 1895.

Madras, Cheviot, and Oxford Cloths, for the season of 1895, are now ready, and orders will be taken for Ladies' Shirts, Waists, Blouses, Jackets, Skirts, and Entire Suits, or sold by the yard, in dress patterns, if desired. Also for Children's Wear. For Men's and Youth's business, Negligee and Outing Shirts.

We invite an early inspection of the choicest goods we have ever shown.

Dress and Business Shirts from $1.50, $2.00, $2.50 and up.
New Cravats 50c., 75c., $1.00 and up.
White Duck Trousers $1.75 to $5.00 per pair.

Tennis and Yachting Suits, Blazers, Shirts, Trousers, Caps, and Belts, in stock or made to order from Flannels, Oxford, Cheviots, Madras, and Pure Silk Shirtings.

NOYES BROTHERS, Washington and Summer Sts., Boston, U. S. A.

L. E. FLETCHER & CO.,
HATTERS AND MEN'S OUTFITTERS.

HATS
In LEADING and CORRECT STYLES for YOUNG MEN.

Novelties in Neckwear,
Gloves, Hosiery, and Underwear,
Canes, Umbrellas, Etc.

158 BOYLSTON STREET,
Opp. COMMON. BOSTON.

PROFESSOR C. L. ADAMS' PORTFOLIO OF LETTER • DRAWING • PLATES
can be obtained at our branch store,
Grundmann Studios, adjoining Architectural Building,
where we shall keep at all times a full line of DRAFTING IMPLEMENTS, Drawing and Blue Process Papers, SCALES, TRIANGLES, CURVES, T SQUARES, Etc.

Wadsworth, Howland & Co., INCORPORATED
82 and 84 Washington St., Boston.
267 State Street, Chicago.

SPECIAL RATES TO STUDENTS.
NOTMAN
PHOTOGRAPHIC COMPANY,
480 Boylston Street,
and 3 Park Street.

PHOTOGRAPHERS TO M. I. T., '94.

Special Rates to Students.

LEADING OUTFITTERS
of
High Grade Mackintoshes
For the Principal Colleges in New England
Regular Co-operative Discounts.
METROPOLITAN RUBBER CO.
CLEVE & KIM
49 Summer Street, Boston.

TECH STUDENTS
are cordially invited to inspect our work, which is the
most artistic in the city.
Our place is a model of neatness, and we employ none
but thoroughly competent men.
YOUR PATRONAGE IS RESPECTFULLY SOLICITED.

Copley Square Hotel Hair-Dressing Parlor.
Corner of Huntington Avenue and
Exeter Street.

PARKER HOUSE—
BOSTON. EUROPEAN PLAN.
CATERING FOR CLUBS AND DINNER PARTIES A SPECIALTY.
CUISINE UNEQUAL.

ST. BOTOLPH HALL.
Favorably situated at the corner of St. Botolph and Harcourt Sts., near all the Departments of the Massachusetts Institute of Technology.
Furnished Suites

To let, including
heat and baths.

ST. BOTOLPH HALL.
Favorably situated at the corner of St. Botolph and Harcourt Sts., near all the Departments of the Massachusetts Institute of Technology.
Furnished Suites

M. DWYER, Manager.

For terms apply on the premises.

GODFREY MORSE, Proprietor.

Telephone, 239-4 Tremont

"Do You Know That"
SEVERY & YOUNG, Florists and Decorators,
288 Boylston Street, opposite Public Garden,
Supply choicest cut flowers at the most reasonable prices in town? They make a specialty of decorations for balls, parties and weddings. Lunch served from 11:30 A. M. till 3 P. M. All home cooking. The bill of fare is varied daily and the prices are moderate.

B. F. LARRABEE & CO.
Washington Street, Temple Place, West Street, Boston.
THE TECH

MEN’S DRESS SUITS.

Although it is well known among our Technology trade that we have always made a specialty of this branch of our business, we take pleasure in reminding their friends of the fact that we have the usual line of staples and novelties, and that we do not ask extravagant prices. We make only High-class Work, as our increasing patronage among Tech men will testify.

C. J. NICKERSON,
Tailor and Importer,

120 TREMONT STREET,
Cor. Hamilton Place, Phillips Building, Room 228.

The regular co-operative discount.

Formerly Cutter for F. D. Somers.

ARCHITECTURAL PHOTOGRAPHS,
The Largest Collection in America.

All the best Public Buildings, Churches, Private Houses, and Business Blocks in Boston and New York. Richardson’s Works of Importance from all over New England. Also a complete line of

Art Photographs for Room Decoration.

STUDENTS WELCOME TO EXAMINE, WHETHER DESIRING TO PURCHASE OR NOT.

SOULE PHOTOGRAPH CO., Publishers,
338 Washington Street, Boston.

AT THE THEATRES.—Week beginning April 22d, ’95.

BOSTON MUSEUM.—Return of Mr. Richard Mansfield to Boston. He will present a new play, “The Husband,” and this is also his first appearance at this house. Mr. Mansfield is one of the most accomplished of actors, and his plays are always more than worth seeing. This engagement is sure to be marked with success.


CASTLE SQUARE.—“Rob Roy.” The fifth week of the greatest comic opera success of the season. The strongest organization of comic opera ever seen in Boston. It is De Koven and Smith’s latest and greatest work. Presented with full strength of the Whitney Opera Company.

COES & STODDER,

14 SCHOOL STREET.

The Popular Store for Young Men’s Shoes.

A Discount of 10 per cent given to TECH Students.

Specialty: Dress Suits, Silk Lined, $45.

F. C. CUMMINGS, Tailor,
No. 299 Washington Street, Boston, Mass.
OF ALL BAR SPRINGS THE FOUR-BAR IS THE BEST.

C. E. DAVIS,
Manufacturing and Prescription Optician,
No. 2 Park Square, Rooms 1 and 2, Boston.

MAKER OF THE FINEST CLASS OF PRESCRIPTION OPTICAL WORK AT A SAVING OF 75 PER CENT ON OLD PRICES.

Sample Prices: Compound Cylinders in Steel (best quality), $2.50. Artificial Human Eyes, to Patient, $4.00. Fifteen per cent special discount to students.

IMPORTER OF ARTIFICIAL EYES.

JAMES DELAY,
FLORIST,
Decorator for Balls, Parties,
Receptions, Teas, and Concerts,
220 Boylston Street, Boston.

Branch Store,
Providence Station, Park Square.

We have a Large and Assorted Line of European and American Fabrics.
We ask an opportunity to show the same. We guarantee satisfaction both in fit and workmanship, and extend a cordial invitation to Tech Students to come and examine our goods and prices.

Hibbard-Mason Co.,
FINE.... TAILORING,
No. 515 Washington Street, Boston, Mass.

HENRY S. LOMBARD, Manufacturer of
Yachting Outfits of Every Description.

SPECIALTIES:
Duck Trousers, Outing Clothing, Sweaters.

46 to 52 Clinton Street, cor. Commercial Street,
Boston, Mass.

"The Yellow Fellow," STEARNS.
"Pierce."
We carry a full line of BICYCLES at all prices. Call for our Catalogue.

"Czar."
H. B. SHATTUCK & SON, 249 Columbus Ave., Boston.
Leading Dealers in

PHOTOGRAPHIC MATERIALS
Of every description. Discount to students.

B. FRENCH & COMPANY...

319 Washington Street, opp. Milk.

BOSTON, MASS

MEMBERS OF COURSE VI.
Electrical Engineering.
Keep posted on current electrical affairs by subscribing for The Electrical Engineer, the oldest and best of all electrical periodicals.

THE ELECTRICAL ENGINEER,
No. 203 Broadway, New York.

We have a Chiropodist at each store to treat our customers' Corns, Bunions, and Ingrowing Nails, FREE OF CHARGE.

Call and examine our new Bicycle Shoe; it is the best thing to PUSH IT ALONG WITH.

GENTLEMEN — YOU CAN BUY
the Celebrated
Emerson Shoe
HAND SEWED FOR $4.00

BOSTON STORES:

Washington St., cor. Water. 635 Washington St., opposite Essex.
F. L. DUNNE, TAILOR AND IMPORTER.
A SPECIALTY MADE OF
Suits for Riding, Shooting, and Golf.
Breeches for Riding, Hunting,
Racing, and Polo.
TRANSCRIPT BUILDING,
328 Washington Street, corner Milk, Boston.

COWLES ART SCHOOL,
145 Dartmouth Street.
Special attention given to Evening Classes for Tech
Students in life and cast drawing.
Address
F. M. COWLES, Agent.
Tuition, $4.00 per Month. Three Evenings per Week.

THE BRUNSWICK
BOSTON.
Boylston and Clarendon Streets,
(Adjoining Copley Square)
Near the Museum of Fine Arts,
New Public Library, New Old
South Church, and opposite
Trinity (Phillips Brooks')
Church, and Institute
of Technology.
KEPT ON BOTH AMERICAN AND
EUROPEAN PLANS.
BARNES & DUNKLEE, Proprietors.
H. H. BARNES, Manager.

STUDENTS WILL FIND
BOSTON LINEN, BOSTON BOND and BUNKER HILL
The nicest Stationery in existence.

Samuel Ward Company,
49 and 51 Franklin Street.
BOSTON.

TEXT-BOOKS, DRAWING MATERIALS,
CORRESPONDENCE PAPERS,
STUDENTS' SUPPLIES.
C. E. RIDLER,
BOYLSTON AND BERKELEY STREETS, BOSTON.

DEANE STEAM PUMP CO.
HOLYOKE, MASS.

STEAM • PUMPS
Boston Office: 54 Oliver Street.
The Richmond Straight Cut No. 1 Cigarettes.

Cigarette Smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes, will find this brand superior to all others.

Cigarettes are made from the brightest, most delicately flavored, and highest cost Gold Leaf grown in Virginia. This is the Old and Original Brand of Straight Cut Cigarettes, and was brought out by us in the year 1875.

Beware of imitations, and observe that the firm name as below is on every package.

ALLEN & GINTER,
THE AMERICAN TOBACCO CO., SUCCESSOR,
Manufacturer, RICHMOND, VIRGINIA.

KEEP’S SHIRTS.

Scientific Books

DAMRELL & UPHAM,
The Old Corner Bookstore,
293 Washington St., Boston.

GEORGE H. GREENWOOD,
9 AND 11 BOYLSTON STREET,
Offers the largest stock of . . . . . .

English and French Briar Pipes

Ever shown in Boston, at very low prices.

ALBERT BENARI,
Tobacconist,
33 TREMONT STREET, - - BOSTON, MASS.
Cigarettes, Tobacco, and Smokers’ Articles.
Agent for Hale’s Smoking Mixture.

GRAND HOTEL
Hair Dressing Parlors,
417 COLUMBUS AVENUE.

Hair Cutting in all the Latest Styles.
Students’ Work a Specialty.

T. F. NAGELS, Manager,
Formerly of Palmer House Shop, Chicago.

F. S. FROST.
H. A. LAWRENCE.
H. C. GARDNER

THE RIGHT PLACE TO BUY
MATHEMATICAL INSTRUMENTS,
Colors, Drawing Papers, Blue Process Papers, T-Squares, Scales, Curves, Triangles, and all kinds of Architect’s and Engineer’s Supplies and Artists’ Materials

AND PICTURE FRAMES,
IS AT
FROST & ADAMS,
37 CORNHILL, BOSTON, MASS.

NEW CATALOGUE FREE ON APPLICATION.

Importers, Wholesale and Retail Dealers.
Go West.
Cut Rates.
FOGG.
277 Washington Street, Boston.
Mileage—all routes.

Preparation for the Massachusetts Institute of Technology.

THIS HAS LONG BEEN A SPECIALTY AT

CHAUNCY HALL SCHOOL.

REFERENCE is made to the INSTITUTE FACULTY in regard to the thoroughness with which Chauncy-Hall pupils are fitted, not only for entering the Institute, but also for pursuing successfully their subsequent work. Preparation, also, for business and for college.

No. 593 Boylston Street, Boston.
(Very near the Institute.)

The Leading Photographer

CERTAINLY has attained success. His success is proven by the number of patrons who daily visit the studio and take away with them the evidences of his skill and artistic ability.

Before going elsewhere call at

21 WEST STREET, BOSTON.

A. McMillan.

A. McMillan & Son, Tailors and Importers.

WE have removed to our new chambers.

No. 127-A Tremont Street, opposite Park Street.

Telephone, 3602.