

The Tech

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PRICE THREE CENTS.

C. E. SOCIETY MEETS.

Mr. W. L. Church of Amburson Construction Co. Addresses a Large Audience.

At the meeting of the Civil Engineering Society held in 11 Eng. B, on Monday at 4.15 p.m., Mr. William Lee Church of the Amburson Construction Co. gave an address on "Concrete and Steel as applied to Hydraulic Construction." At the business meeting previous to the address, C. W. Whitmore, W. A. Adams, and E. Scott were elected members of the Society, and R. D. Hennen, J. Kimball, L. P. Henderson and C. J. Dore were proposed for membership.

Mr. Church illustrated his talk with a number of lantern slides made from working drawings and photographs. The general types of gravity dams were first discussed with special reference to the modifications necessary to meet different conditions of foundation or flood. Then followed a discussion of the various constructions which adapted themselves to operating the gates, valves, or screens, which in the hollow dam are made easily accessible without special construction. In this connection slides were shown which portrayed the difficulties which arose from the inaccessible position of important parts in other types of dams.

An interesting description of the method of closing the dam at Schuylerville, N. Y., followed. This dam was closed within 45 minutes after the signal had been given to lower the first stop log. Slides were then shown illustrating the method of taking advantage of the cellular structure of the dam to place the turbine wheels and other machinery inside of the dam itself and thus materially reduce the cost of the power house.

The stability of the hollow dam as constructed by the company was next taken up. Advantage is taken of the fact that in the case of the hollow dam the resultant pressure falls at or near the centre of the base and its direction makes an angle with the vertical much less than the angle of friction, and hence there is no tendency to slide or overturn. It has been found that this dam will withstand ice flows when other dams have yielded. The lecture concluded with a series of slides showing the progress of construction of dams already built and others such as that at Richelieu, Canada, in the construction of which several divers were employed.

The Sophomore baseball team played a practice game with the "Representative Gentlemen of '08," Monday afternoon at Tech Field, defeating them 14 to 7. The batting of Glover and the superb fielding of Adams were the features of the game. The work of Wilkinson, as catcher, was such as is seldom seen in a ball game. A return game will be played soon.

LARGEST SALE OF SEATS.

Orchestra and First Balcony Sold Out for Both Performances.

The sale of seats for the Boston performances of the 1906 Tech Show is unprecedented. The entire orchestra and first balcony have been completely sold out for both Thursday and Friday, and a large number of seats in the second balcony are reserved. Many applications calling for higher priced seats had to be refused because the seats at that price were gone, and the applicant had made no provision for lower priced seats.

Advices from Malden and Providence point to a record sale of seats there also. Tickets for the Providence performance were put on sale yesterday to Brown University men, who had almost cleaned out the house by last evening, leaving very little for the general public. Many societies had applied for seats in a block. The Princeton and Brown baseball teams, who play a game that afternoon, will attend in a body. The Providence performance will almost equal the Boston ones as a gathering of representative college men. Many advance applications for Malden seats have been received, and, from the general feeling among Malden people towards the Show, the third performance in the northern suburb will also be a great success. The seats for the Boston performance will be put on sale today and Friday at 1 p.m. in 34 Rogers. There are a few seats in the first balcony for Thursday, and a large number in the second balcony for both days. These can be secured at 34 Rogers at the above hours.

TAKE TRIP TO LYNN.

The Electrical Engineering Society enjoyed a very pleasant and instructive trip yesterday afternoon to the works of the General Electric Company at Lynn. The party consisted of twenty-four students and was conducted around the works by two of the company's employees.

The men were first taken through the shops in the town itself where the smaller machines are constructed. Many forms of dynamos and motors were seen in every stage of construction, and the assembling of the same was followed from one shop to the other. The men were then conducted to the shop where the making and assembling of Curtis Turbines was in progress. This department proved to be of great interest as few of the men had seen these machines in process of construction.

Turbines of power varying from 25 to 1600 kilowatts were seen running, and parts of the turbine machinery for the new scout-ships now building at Quincy were viewed with much interest. This will be the first application of turbines for marine propulsion in the United States Navy.

PROM COMMITTEE REPORTS.

Final Arrangements for Annual Junior Dance are Finished.

The Junior Prom Committee wishes at this time to announce a few general items of importance concerning the dance to be given in the large hall of the Somerset Hotel on Thursday, April 27. Those interested are requested to read the following carefully and avoid all mistakes and questions.

The dance will begin promptly at nine. There will be no grand march similar to last year's, but ushers from the Junior Class will be appointed to assist the committee in presenting those attending to the matrons. It is hoped that all will be ready to be presented by eight-thirty o'clock.

For those who have already paid their subscriptions, the second window of the Cage will be open on Friday from 9 to 4 and Saturday from 9 to 1 of this week for distribution of dance orders, invitations, etc., upon presentation of receipted bills or slips, or upon payment of subscriptions. There will be an additional charge of one dollar for extra girls or chaperons to defray extra expenses incurred thereby and those bringing such should notify the committee at this time.

Those who attended last year's Prom will remember the disagreeable feature of crowding after the supper dance. It is earnestly hoped that each man will take it upon himself to help the committee to obviate this trouble. This can only be done by every man passing in to supper through the left-hand door and out one of the others, meeting his partner again in the dance hall or in the corridor.

Subscriptions for the Prom are now overdue and should be paid at once. They are not tickets but promises to pay and as such are not transferable. Every man who has signed his name is honor bound to back his signature.

SOPHOMORES WIN AGAIN.

The Sophomore team defeated English High yesterday afternoon at Tech Field, by the score of 7 to 2. The Sophomores showed their superiority throughout, batting and fielding exceptionally well.

1908. ENGLISH HIGH.
Boylston 1b. 3b. Gould
Williams c. 2b. Norton
Daley l.f. r.f. McLoughlin
Barton s.s. s.s. Parle
Ford 3b. c.f. Kendrick
Pierce 2b. 1b. T. McLoughlin
Heilman r.f. p., r.f. Burkhard
Stanley c.f. p. Bidwell
Bridgeman p. c. Brophy
Toppin p. l.f. Siney
Snyder 2b.

Tech 1908 0 2 3 0 0 2 x-7
English High 0 0 0 0 0 2 0-2

Runs—Ford 2, Pierce, Boylston, Barton, Snyder, Heilman, Norton, Bidwell. Struck outs—Bridgeman 3, Toppin 1, Bidwell 3, Burkhard 1. Base on balls—Toppin 1, Bidwell 2, Burkhard 1. Three base hit—Heilman. Umpire—Sherman.

CALENDAR.

WEDNESDAY, APRIL 18.

4.00 P.M. Tech Show Chorus Rehearsal at the Union.
4.00 P.M. Glee Club Rehearsal at the Boston Y. M. C. A.
6.30 P.M. Chemical Society Dinner at the Union.

THURSDAY, APRIL 19.

All exercises at Institute suspended.
8.00 A.M. All-day Tech Show Rehearsal at the Gym.
10.00 A.M. Baseball '09 vs. Watertown at Watertown.
3.00 P.M. Baseball '08 vs. Saugus A. C. at Saugus.

FRIDAY, APRIL 20.

9.00 A.M. Distribution of Junior Prom Dance Orders at Cage.
1.00 P.M. Weekly Meeting of the Y. M. C. A. in the Parish Hall of Trinity Church.
4.00 P.M. Tech Show Chorus Rehearsal at the Tech Union.
4.00 P.M. Mandolin Club Rehearsal in 31 Rogers.
4.15 P.M. Prof. Swain's Reading in 6 Lowell.
6.30 P.M. M. A. H. S. Club Dinner at Union.

FACULTY NOTICE.

Second Year, Course VI.—Exercises in Mechanical Engineering Drawing began yesterday in accordance with the tabular view.

NOTICES.

1908 Ballots.—The ballots for Freshman Vice-President can be secured at the Cage.

Prof. Swain's Reading.—On Friday at 4.15, in 6 Lowell, Professor Swain will read one of Ralph Waldo Emerson's essays.

M. A. H. S. Club.—The M. A. H. S. Club Dinner will be held at the Union Friday, April 20, at 6.30 p.m. Tickets 50 cents. Please purchase in advance, so that the chef will know how many to provide for.

Tennis Team.—All candidates for the varsity tennis team should leave their names at the Cage for the manager of the tennis team at once. There will be daily practice at Tech Field, beginning today. The varsity team will meet other colleges in May and it is desired that all candidates report at once for practice.

ENGLISH PROF. TO READ.

Professor John Duxbury, of the Lancashire Independent College, Manchester, England, is to read before the Technology Christian Association, Friday, in the Parish Hall of Trinity Church, at 1.30 p.m. Prof. Duxbury has gained renown as an interpreter and reader. He has chosen for his reading, "The Story of Prince Jonathan." A special invitation is extended to the members of the faculty and instructors as well as to the students of the Institute.