

# State Collegian.

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## Vast Plans for Engineering.

To relieve the crowded condition of the present Engineering building and provide the best possible facilities for modern instruction in all branches of engineering, elaborate plans have been made and approved for a complete reorganization of various departments and extensive additions to the building.

A massive tower will replace the present pump house, and from there a series of connected buildings will extend along College Avenue almost to the Mining Building. That portion of the structure now devoted to the machine shop, forge room, and carpenter shop is to be made two stories in height and extended back parallel to, but separated from, the buildings on College Avenue for a distance of six hundred feet. All these additions will conform in architecture to the present building, and will, when finished, form the finest and most complete school of engineering in the country.

Before these plans were determined upon, drawings of all the engineering schools in the country were secured, and it is believed that the best features of each, together with additional improvements, were incorporated in the proposed structure. Among these might be mentioned a large lecture room, with a seating capacity of four hundred, to be used whenever it is desired to assemble all engineering students for lectures or demonstrations. Laboratories and recitation rooms will be placed side by side in order that frequent use may be made of laboratory apparatus in class room work. Separate rooms are set apart for

thesis work, for the calibration of instruments, for gas engines, gas producers, and testing of materials. Each shop will have its own lecture room adjoining, where frequent demonstrations of shop practice will be given. One of the buildings will house the locomotive, several cars, and a complete testing plant.

To provide for urgent needs of the present, the Legislature will be asked this year to begin the vast undertaking by making an appropriation for part of each wing. These will include an addition to the power plant and an electric laboratory on the College avenue side and a Transportation Building on the far end of the other wing. With these as starting points the remainder will be constructed as funds are provided.

Meanwhile, the internal organization is to be extended to suit the altered conditions. The present departments of Mechanical, Electrical, and Civil Engineering are to be subdivided into separate departments such as the following: Railway Mechanical Engineering, Heat Engineering, Drawing and Descriptive Geometry, Mechanics and Materials, Structural, Sanitary, and Topographical Engineering, Electrochemistry, Telephones and Telegraphs, and Electrical Engineering. A specialist will be placed in charge of each department, with the rank of professor, and will be expected to give his time only to the work of his department.

These plans may not be completely carried out for some years, but when they are, Pennsylvania will be able to boast of an engineering school whose organization and equipment cannot be surpassed.

## Baseball Squad Cut Down.

The varsity baseball squad has now been reduced to twenty-six candidates, and indoor practice work is expected to move along rapidly for the next month. The regular afternoons for varsity practice work will be Thursday, Friday, and Saturday from 1:30 to 4 o'clock, although the coaches may also give individual instructions on other afternoons or evenings. The final varsity team will probably be selected from among this present squad of players, all the other candidates having been well looked over by the coaches; although in case any new men display sufficient ability after outside practice begins they will get a trial. Here is the present varsity squad:—Mason '07, Cree '08, Mitinger '10, Conklin '07, Staud '07, Ryan '08, Ferguson '08, Skemp '09, Reiter '09, Thomas '09, Bole '09, McCleary, '10, Larry Vorhis '10, Jacobs '10, Leidich '10, Foster '10, Sullivan '10; sub-freshman and specials, Bob Vorhis, Coulson, Lynch, Bray, Crutchley, Hollister, and Glenn. The captain of the reserves will soon be appointed and some regular infield line-ups held in the Armory in order to practice varsity signals and team work.

## Bowling.

Phi Sigma Kappa	871 832 687
Phi Kappa Sigma	752 686 820
Sigma Chi	731 766 818
Kappa Sigma	652 755 709
Phi Gamma Delta	732 881 738
Phi Kappa Sigma	715 794 765
Beta Theta Pi	733 888 785
Kappa Sigma	733 840 803