

THE GREATER A. I. T.

THE Armour Institute of Technology, after twenty-five years of adjustment and re-adjustment to opportunities and conditions, has adopted its matured plans for the future and has received a substantial gift of land and money from Mr. J. Ogden Armour, so that it will inaugurate and develop its complete plans.

The difficulty of obtaining a proper location has been great. It has cost one million dollars to find and obtain title to a contiguous parcel of land upon which the institution may stand and develop for all time. It will occupy the entire eighty acres near the lake south of the South Shore Country Club. This tract has been formerly known as the Windsor Park Golf Club. The land has been purchased, and is now turned over to the Armour Institute of Technology.

The Institute has sought the advantage of a situation easily approached by the city and suburban service of the Illinois Central and the Baltimore & Ohio Railways. Near the north portion of the land obtained is the Windsor Park station of the Illinois Central which will be reached in a few minutes from down town, when the railway and the Institute have completed their arrangements. The cross town electric lines at the north of the campus on 75th street are satisfactory. On the south end of the campus at 79th street are electric lines connecting the west and southwest sides with our location satisfactorily. The Baltimore & Ohio almost touches the southwest corner of the eighty acres. The lake is within a few blocks and will furnish opportunity not only for water athletics, but hydraulic engineering and marine engineering, which must be undertaken in time. On the south are the great steel and cement plants of the Calumet district. These are not surpassed in the world for the use of an institution whose students must visualize engineering processes in manufacture. Modern methods with us require visits to operative industries with which high grade engineering concerns itself.

The tentative plans for our buildings with the accompanying sketch of their arrangement, constitute only a provisional study. They have required a gift of \$5,000,000.00 for their erection and extra equipment. The whole scheme which has been worked out after a quarter of a century of experience in the central west and in Chicago, means serviceableness in architecture as well as beauty and dignity. The buildings will constitute a piece of serious apparatus for the special work which any such institution must do at this time and in this region.

Commodious as the buildings are and large as the location seems to be, the Armour Institute of Technology will limit its number of students to one thousand. The prospects at university foundations for the highest and most necessary research work in pure science are so large and secure that the Armour Institute of Technology will have only its responsibility in the central west for the training of engineers. The high schools of this region, especially the technical high schools, have their large responsibility in the preparation of students who expect in four years to receive our degree of Bachelor of Science in this or that kind of engineering. Our present method so expanded requires large room for apparatus and for safety, as well as the rigid adherence of a program of study and experiment under experts always serving the student to at all reach the ideal in view or to meet the situation in American engineering. These problems are many and difficult. The world's coal problem must be solved by what is most necessary in America—the use of our mighty wasted