

begin upon a modest scale, and to supplant, as far as possible, imposing buildings and little-used machinery by careful and systematic teachers. By beginning with first year work only, a very natural mode of beginning, they hoped to grow up to the needs of the succeeding years, as these years followed each other. The theoretical work being carried on in the College class rooms, the practical work-shop portion was begun in two basement rooms of the central building. After occupying these for two sessions, they were found to be altogether inadequate to the increased accommodation required, and the building of new work-shops was strongly urged upon the Trustee Board by the Dean of the Faculty, at the Board's last May meeting. After considerable difficulty in devising some method by which money should be forthcoming for such a laudable purpose, and feeling that something must be done immediately, if the new venture was to become permanent, it was decided to couple the need of work-shops with that of a gymnasium, and to endeavor to supply both, as far as possible, at the same time. The whole work of building was accordingly placed in the hands of a small committee with power to act, and the immediate planning and superintendence of the structure was relegated to the Dean of the Faculty. The new building, which stands upon the site of the former drill shed, may be described as follows :

The building is 75 feet by 31 inside. The outside covering is of clap-board, and the interior is lined with Rathbun Company's terra-cotta studding blocks, and plastered with sand finish. The floors are made extra strong, and all the ceilings and partitions are of wood in v-groove, and crossed panels. The exterior is left so as to admit of being brick-venered at any future time, when some kind friend may feel like meeting the expense.

The building is practically divided into two portions, having no communication with each other. The whole of the second story and about two-thirds of the basement is given over to the general use of the students for gymnastic or other purposes, the first story and the remaining one-third of the basement being set apart for mechanical purposes. The basement is eight feet in the cellar, and is concreted throughout, and is supplied with shower-baths, etc., and contains accommodation for a bowling alley and lockers, upon the students' side, and upon the other side grindstones, emery wheels, blow-pipes and machinery of various kinds.

On the first flat are a carpenter's shop with a supply of double work benches and tools; a store room for supply of material; an iron-working room with lathes, benches, vises; a wood-turning and carving room; and a general lecture and model

room. This part is supplied with a motor, and a line of shafting carries the power to wherever it is wanted. These rooms are of good size and will probably supply the demands made upon them for some years to come.

The second story, or the gymnasium proper, consists of one single room the whole size of the building, without a single post or support of any kind to mar its completeness. It is ten feet high at the side walls and twenty-two feet in the middle. This being the only permanent gymnasium that the students ever possessed, it will gradually be furnished in the most complete style of modern gymnasium equipment.

At the back of the building stands a small blacksmith shop, a useful appurtenance, not only to the mechanical work-shops, but to the mining laboratory and to the general physical department as well.

The building, although plain and inexpensive, is well built, and the trustees deserve great credit in thus coming forward to supply an expressed want, with the prospect of a deficit staring them in the face. If Queen's has friends who believe in the advantages of the gymnasium for the benefit of the students, or friends who believe in the importance of practical and technical training, and are willing to assist in the furtherance of such, to them is an opportunity offered; for in no better way could present aid be given than by assisting in developing the practical and scientific departments of the University.

Since the above description was written, we learn that not only have two subscriptions of \$100 each been given in cash towards paying for the building, besides \$500 saved by the Dean superintending it, contractor's profit being thus reduced to zero, but that the ladies of Kingston have determined to raise the \$3,000 still needed by means of a series of entertainments in the course of the ensuing year. The students may be depended on to give all the help in their power, both in assisting the ladies and in getting up concerts or gymnastic or other entertainments "off their own bat," the proceeds to go to the common fund. We invite suggestions.

#### FOOTBALL.

On Oct. 24th Queen's Football Team played their first match. For the first time in the history of the Ontario Rugby Union Queen's on Kingston ground lost to 'Varsity.

At the beginning of the season things looked blue enough for Queen's. When College opened there were very few of the old players on the campus. After the second week hope revived and when the day of the match came on Queen's students felt confident that if their team was unable to win they