

"The college is built on a five hundred acres farm, most of which is in a high state of cultivation. A large variety of soils, from the stiff clay to the sandy loam, offers to the student an application of the different systems of farming. Under drainage has been extensively applied to the draining of a large swamp now yielding the largest return. Composting is one of the main operations of the farm and supplies a large quantity of valuable manure. More than twenty acres of land are annually put under green crops. An orchard garden and grounds afford all the necessary means of becoming thoroughly conversant with practical horticulture. More than 600 feet of farm buildings afford ample accommodation for any number of cattle. The fattening of beef and swine is carried on on a large scale so as to provide for the annual consumption of the whole establishment, numbering 200 persons. Thirty milking cows will add new material for new and interesting experiments connected with the raising and feeding of stock. Engraving No. 2 is a plan of the farm buildings, including the Court yard. The Pigsties P, as can be seen, are placed each side of a wide passage. M is a store-room next to the Pigsties R, and shows the shedding where are the winter sleighs. V is a byre with interior distribution similar to that described further. E is the stables. The harnesses are closeted behind each pair of horses, so as to protect them against

moisture. CCC are the barns; RR, implement and vehicle sheds. K is the pump and the passage leading to the farm yard. CH is a grain store; M, a hay store in communication with the main byre V, divided in two parts, the first occupied by the milch cows and the second by the fattening cattle. On the right are a number of pens for sucking calves.

"Engraving No. 6 shows the interior arrangement of the byre. A is a wide passage for the distribution of food to the cattle. Hay and straw are thrown in the passage from the loft through a trap. XX are the mangers; PP the floor; RR the drains and SS another floor, allowing easy circulation behind the cattle.

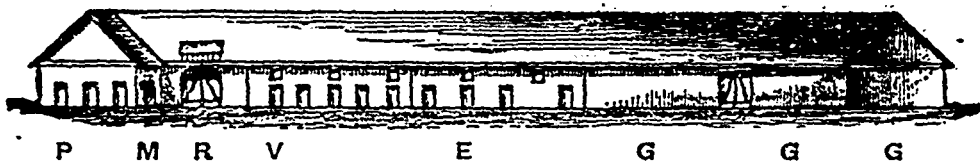
"The building represented by Engraving No. 5 contains a room where the cooking of the food is done, C; a workshop, B; a Butcher shop, D; a washing room, I; and a dairy, L.

"The engravings, Nos. 3, 4, 5 show the front view of the buildings we have just described.

"Improved implements have been in general use on the farm long since, such as double mould-board, horse-hoes, straw-cutters, root cutter, thrashing machines, &c. A workshop well provided with tools will enable every pupil to become acquainted with the most approved construction of agricultural implements and vehicles.



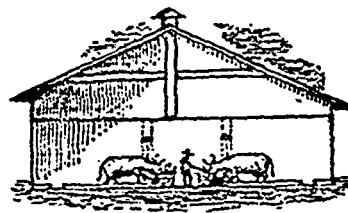
No. 3.—Elevation of the Shed—Byre and Store of the Agricultural College of St. Therese.



No. 4.—Elevation of the Pigsties, Byre-Stables and Barns of the Agricultural College of St. Therese.



No. 5.—View of the Shops.



No. 6.—Section of the Byres.

THE AGRICULTURAL COURSE.

"The full course will last three years and be as follows: 1st year.—The course will give to the pupils an elementary knowledge of every science connected with agriculture, so as to prepare them to follow to better advantage the farm operations during the two following years. Thus the course will contain the general principles of farming, the cultivation of plants, rotation of crops, horticulture, book-keeping, the general management of stock.

2nd year.—The course will consist of a more complete study of soils, manure, rotation, cultivation of plants, and horticulture.

3rd year.—Lastly, the greater part of the studies will be directed to the management of cattle, Anatomy and Physiology, Veterinary, the improvement of breeds. Butter and cheese-making will occupy the attention of the pupils.

"The students will be allowed to follow the course of Chemistry and Natural History given to the pupils of the classical College.

"So as to enable every farmer's son to benefit by the Agricultural

college it is proposed to give a one year's course to those who can not afford to give a longer time to agricultural education. This course will be that of the first year. The pupils will have to work on the farm a certain number of hours without exception; they will also follow the professor every day in the fields and byres when practical operations are going on. The students must be 15 years old at least and have an elementary education.

"The college course will begin on the 12th March and finish on the 31st December. Winter has been preferably used for holidays, as farm operations at that time are less pressing.

CONDITIONS.

"The price for board and tuition is placed at \$72, so as to facilitate the study of agriculture to a large number of pupils. They will be allowed to board out of the College. Tuition will then be charged \$24 only. Lodgings will be provided by the College at \$4 a year, and the pupil will be allowed out only for meals."