

18. Covered shed in rear of sheep and other houses, and extending the whole length of farm yard on that side, for manure. This shed might have a part of it appropriated to other purposes, such as shade for horses, calves, sheep, &c.

19. Sheep house, separated from the larger sheep house No. 20. This I propose for sheep requiring to be separated, with lambs, or for any other cause. A yard might be allowed to this division during winter taken from the shed in the rear.

20. Sheep house, with yard. Both house and yard should be furnished with racks and troughs for feeding, but it is not necessary to describe them.

21. Yard to sheep house No. 20.

22. House for young cattle, to be furnished with necessary appendages for feeding, &c., &c.

23. Yard for young cattle in No. 22.

24. House for mares and colts, or young horses, with necessary mangers, &c., also to be divided if required.

25. Yard for accommodation of No. 24.

26 and 27. Pig-stye and yard, to be arranged and suitably furnished for feeding swine.

28 and 29. Pig-stye, and yard for store pigs. I would propose to have the entrance door to Nos. 26 and 28 towards the boiler house and kitchen. A passage should be made at the rear wall next the back shed, for feeding the pigs, and the troughs should be so arranged that the animals would be shut out from the troughs while the food was being supplied. Manure to be removed by barrow or cart to back shed.

The farm yard should have a good road made in front of all the buildings. The surface of the yard should slope inwards towards the centre, and the drainage, if any, conveyed to some hollow place outside the yard, to mix with compost, weeds, wastes, earth, &c., and if any moss or bog earth could be procured, it should form part of the compost. This hollow reservoir might be cleaned out annually for top dressing. I have made no provision for saving liquid manure, as I fear it might be more expensive than profitable, if not well carried out and attended to. I beg to recommend that all the stock be well and con-

stantly littered with straw, and if they are, there will not be much loss of liquid manure. A small separate building, convenient to the dwelling house, or connected with the boiler house, would be the proper place for keeping the ashes. All the other wastes of the dwelling house and wash house should be brought to the reservoir, or to some reservoir conveniently placed.

I regret that I had not sufficient time to prepare this description of a farm, farm buildings, &c. I could not attend to this description until immediately before the Exhibition was to open, and I was so occupied with other matters, that I could not apply the consideration and attention that was necessary for the subject. I may however have a future opportunity of correction and amendment. It will be a source of great satisfaction to me if this humble attempt to promote agricultural improvement may be favourably received by agriculturists. I did not presume to compete for any of the prizes offered by the Executive Committee. I only took upon me to contribute my mite in the Agricultural Section of the Local Exhibition at Montreal. I am indebted to Messrs. Ostell and Footner, for putting my plan into a suitable form to appear before the public, and I beg to return them my best thanks for the assistance they have kindly rendered me on this occasion.

In conclusion—It may be objected that my plans are too expensive for ordinary agriculturists; but any parties may carry out so much of the plans as their means will admit. I thought it would be proper to make the plans to suit parties who would have means to carry them out fully. Those who have not means to construct extensive buildings may, at all events, adopt my suggestions for the division and management of farms, and if they do carry it out properly, their circumstances may soon be so improved, as to enable them to erect any buildings they require. I have often seen a large expenditure on farm buildings where there was not any attempt at arrangement or uniformity. My plan can be carried out on a large or a small scale, according to the means and requirements of the parties building.

MONTREAL :

PRINTED BY JOHN LOVELL, AT HIS STEAM-PRINTING ESTABLISHMENT,

ST. NICHOLAS STREET,

1855.