

DESIGN AND CONSTRUCTION OF SHEEP-DRAFTING YARDS

The placing of gate 6 at the entrance to the double crush enables sheep to be taken from A to E and from B to D if required instead of straight ahead by the more usual routes. The 10ft. gate (30) is again provided as in No. 1 Plan so that a lorry can be backed in for loading sheep and lambs direct from the drafting race.

Estimates of Quantities and Costs: No. 3 Plan

Fences	ft.
Length of outer fence	256
Length of inner fences	473
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Length of all fences (excluding gates)	729

If five 4in. x 1½in. rails are used for fences, a total of 729 x 5 = **3645 lineal feet** of this timber will be required.

Crush and Race

End panels of the crush on both sides are close boarded with single-dressed 6in. x 1in.'s = 12ft. x 6 = **72 lineal feet**.

Sides of the race are close boarded with single-dressed 6in. x 1in.'s = 30ft. x 6 = **180 lineal feet**.

* If drafting gates and race stop-gates are constructed of double-dressed 6in. x 1in. timber, add **60 lineal feet**, plus **36 lineal feet of 4in. x 1in.** (dressed) for stiles.

Gates

If common swing gates are constructed, the following timber will be required:—

For 3 x 10ft., 1 x 8ft., 5 x 7ft., 5 x 6ft., 1 x 5ft., 3 x 4ft. 6in., 4 x 4ft., 2 x 2ft. 6in., 2 x 2ft. gates, a total of **1260 lineal feet of 4in. x 1in.** timber for stiles and stays of all gates, and rails of gates under 7ft., plus **365 lineal feet of 4in. x 1½in.** timber for rails of gates 7ft. or wider.

Total timber (lineal feet): 4010 of 4in. x 1½in., 1296 of 4in. x 1in., 312 of 6in. x 1in.

Posts

A total of 101 posts will be required, and of these 27 require to be heavy enough to act as gateposts.

Cost

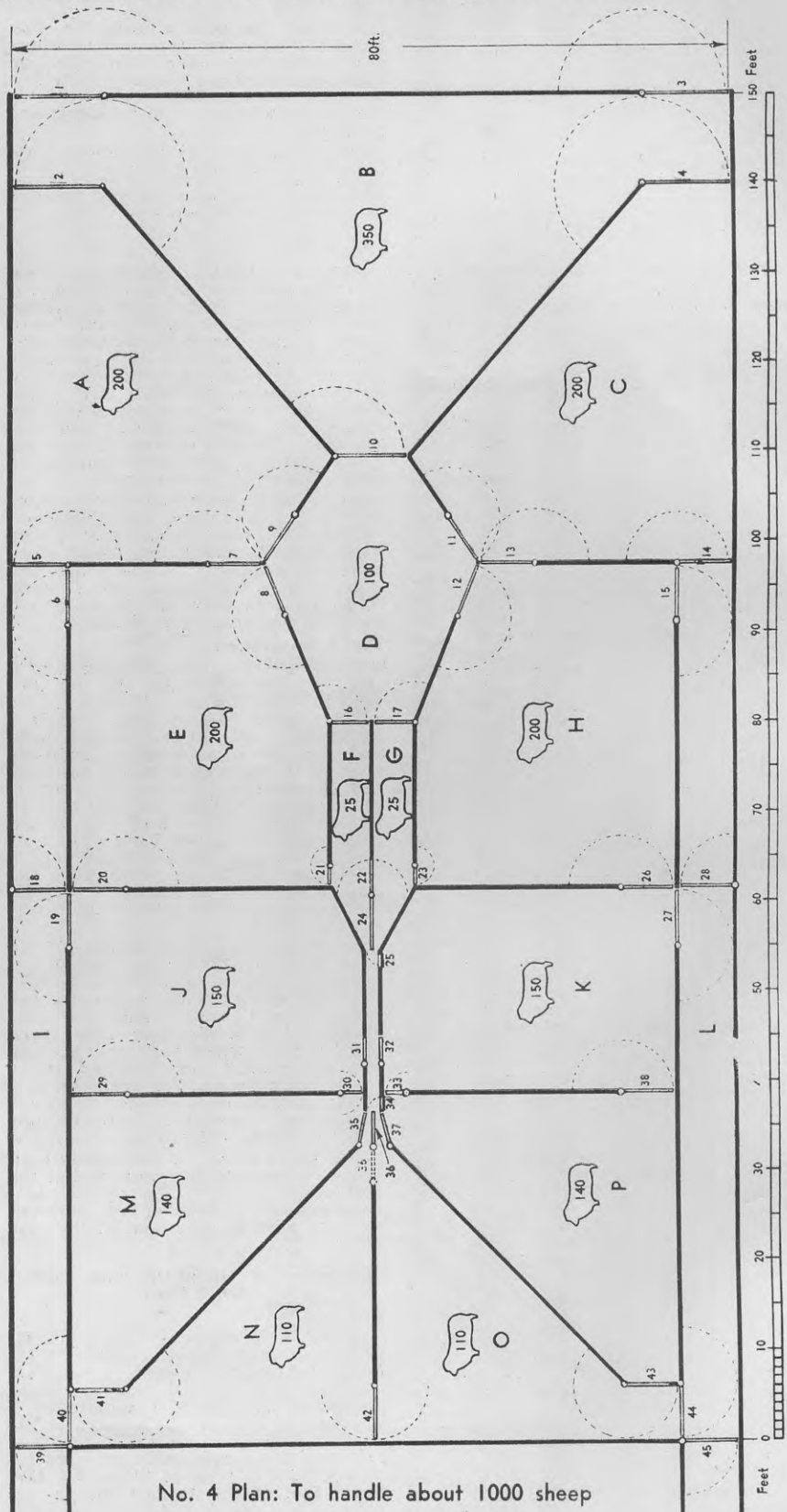
The same general remarks apply as for No. 1 Plan.

Timber super

ft.	in.	in.	At per 100 super ft.	£	s.	d.
1671	4	x 1½	£2 10 ..	41	15	6
432	4	x 1	£2 10 ..	10	16	0
156	6	x 1	£2 10 ..	3	18	0
101 posts at £38 per 100				38	7	7
Approx. 500 ¾in. x 3½in. to 4½in. black bolts and nuts at average of 15s. per 100				3	15	0
Approx. 500 ¾in. washers at 2s. 9d. per gross				9	8	
28 pairs of hinges and gudgeons at average of 7s. 6d. per pair				10	10	0
Estimated cost				£109	11	9

Sundries

As for No. 1 Plan.
* If drafting gates are constructed on the laminated principle (3 layers) to give a flush, smooth finish, a total of 120ft. of 6in. x 7/16in. finish dressed timber will be required instead of the 42ft. of 6in. x 1in. and 24ft. of 4in. x 1in.



No. 4 Plan: To handle about 1000 sheep