Appendix 1: Straw Yard and central feed passage

Straw yard housing, with central drive-through feed passage. 48 cows per yard, 96 cows with bedded area of 10m²/cow.
Appendix 2: Straw yard with perimeter feeding

Straw yard housing example, with outside perimeter feeding. 51 cows per yard, 102 cows with bedded area of 10m²/cow

61.2m long (10 x 6.096m bays)
### Appendix 3: Three-row cubicle systems

Central drive-through three-row system, with 246 cubicles in two groups of 123. Suitable to house 234 cows (5% additional cubicles).

<table>
<thead>
<tr>
<th>55.1m long (9 x 6.096m bays)</th>
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<tbody>
<tr>
<td>3.6m</td>
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<tr>
<td>2.7m</td>
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</table>

Central drive-through three-row system, with 246 cubicles in two groups of 123. Suitable to house 234 cows (5% additional cubicles).
Appendix 3 continued: Three-row cubicle systems

A three-row system with outdoor perimeter feeding, with 2m overhang. 252 cubicles either in one or two groups. Suitable to house 240 cows (5% additional cubicles)
Appendix 4: Two-row cubicle systems

Two-row system with a central feed passage, 170 cubicles in two groups of 85. Suitable to house 162 cows (5% additional cubicles)
Appendix 4 continued: Two-row cubicle systems

Two-row system with outdoor perimeter feeding, with 2m overhang. 168 cubicles in one group. Suitable to house 160 cows (5% additional cubicles).
Individual calf pens, suitable to house 20 calves. Larger pens for group rearing post weaning.
Appendix 6: Example layout for youngstock cubicles

Dairy youngstock cubicle housing (suitable to house 49 animals at 12-18 months of age and 39 animals at 18-22 months of age (5% additional cubicles)), with a central drive-through feed passage.