

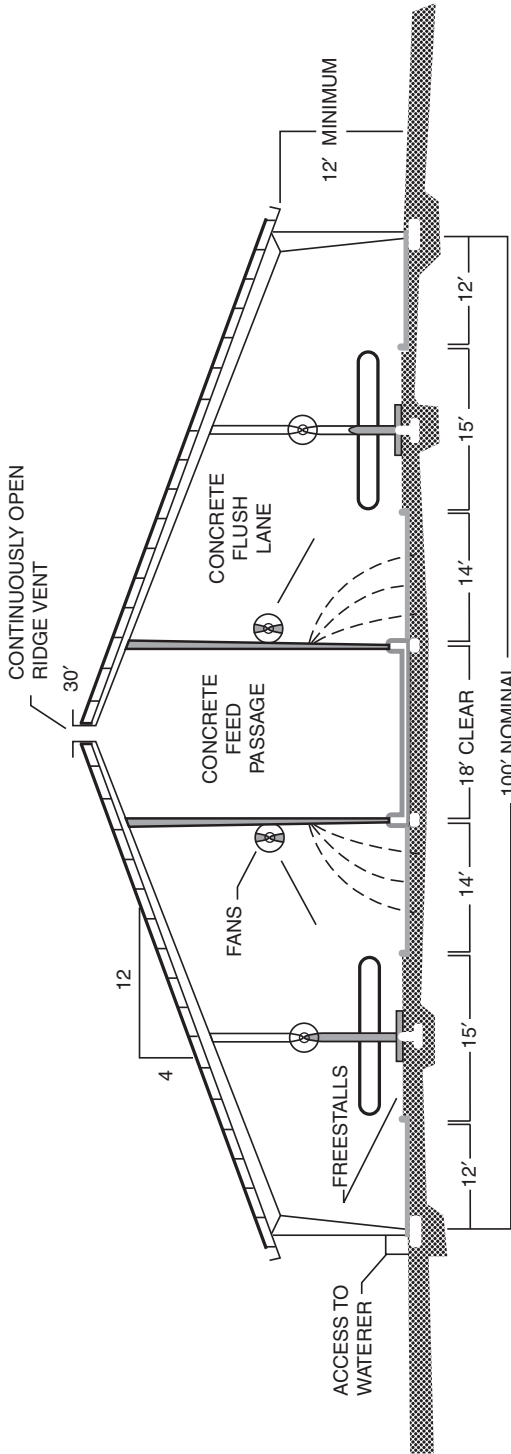
Appendix 6. A plan for cooling a free stall shed

This shed is not a tunnel ventilation barn (see Chapter 5).

Note that these linear measurements are in feet, rather than metres as this is a US design (1 foot = 0.305 m).

Therefore:

- The continuously open ridge vent along the roof top is 76 cm wide.
- The roof pitch is 4%.
- The open sides of the shed are 3.7 m high.
- The shed is 30.5 m wide.
- The concrete feed passage is 5.5 m wide.
- The double free stalls on each side of the shed are 4.6 m wide.
- The cow alleys are 4.3 and 3.7 m wide.
- The fans over the feed alley are 91 cm in diameter, spaced at 9.1 m.



NOT TO SCALE

4-RW BARN, FANS OVER FREE STALLS
FANS AND SPRINKLERS OVER FEED ALLEY
36' FANS SPACED AT 30'