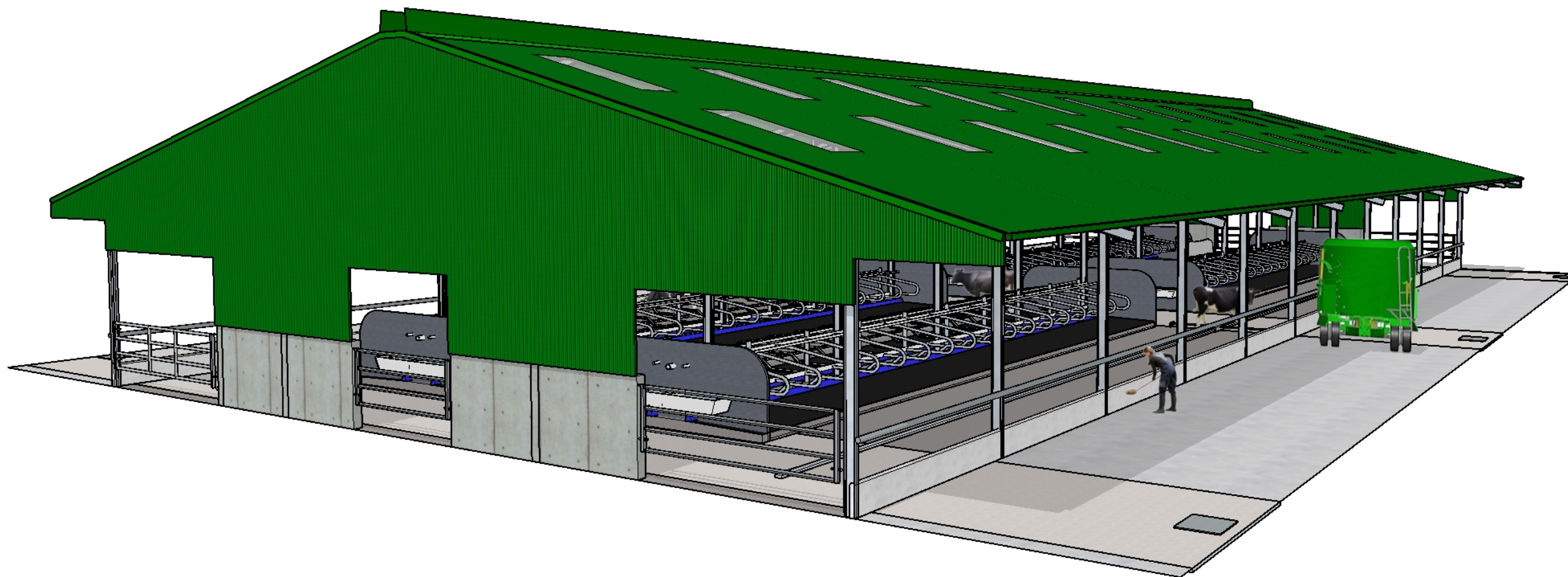
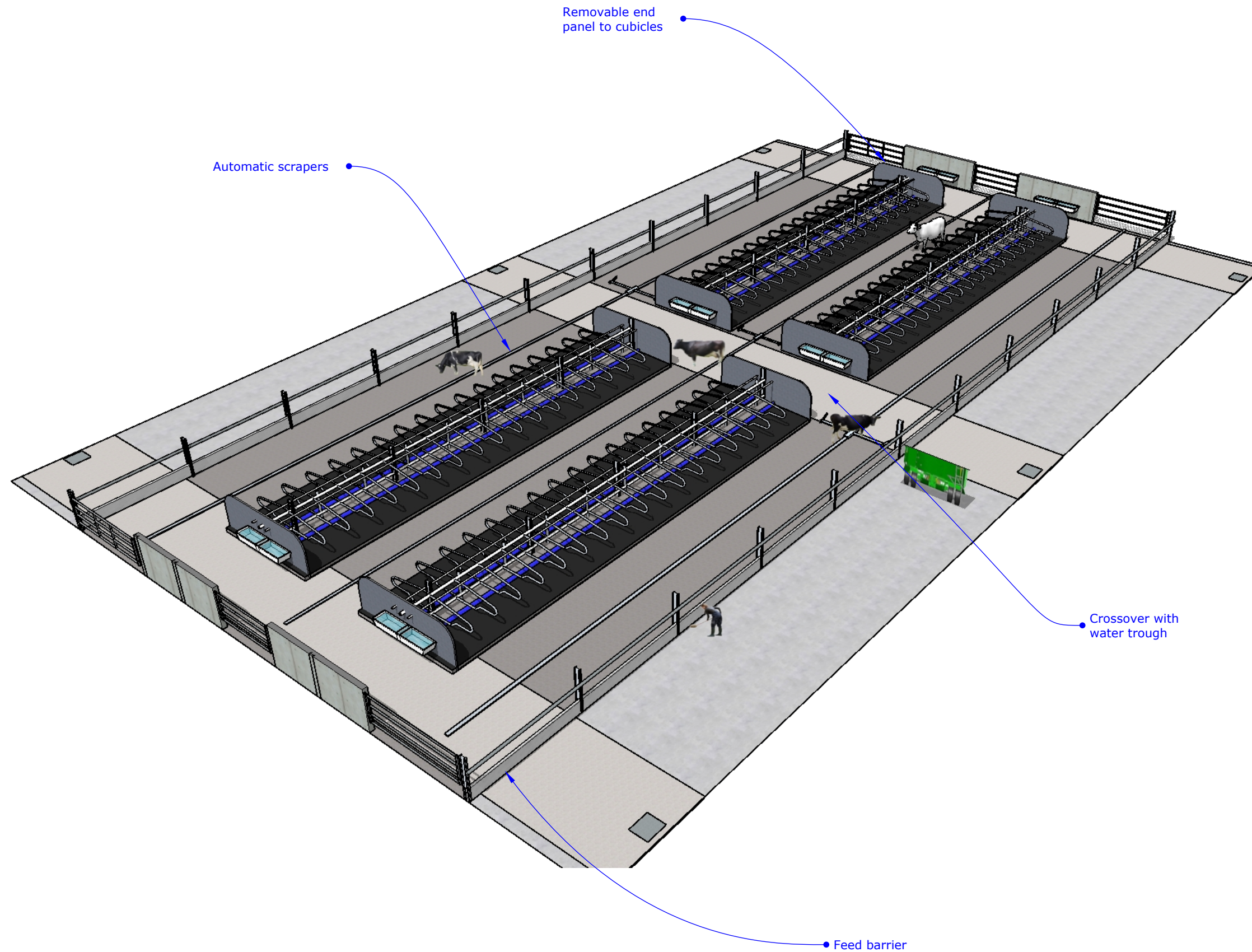
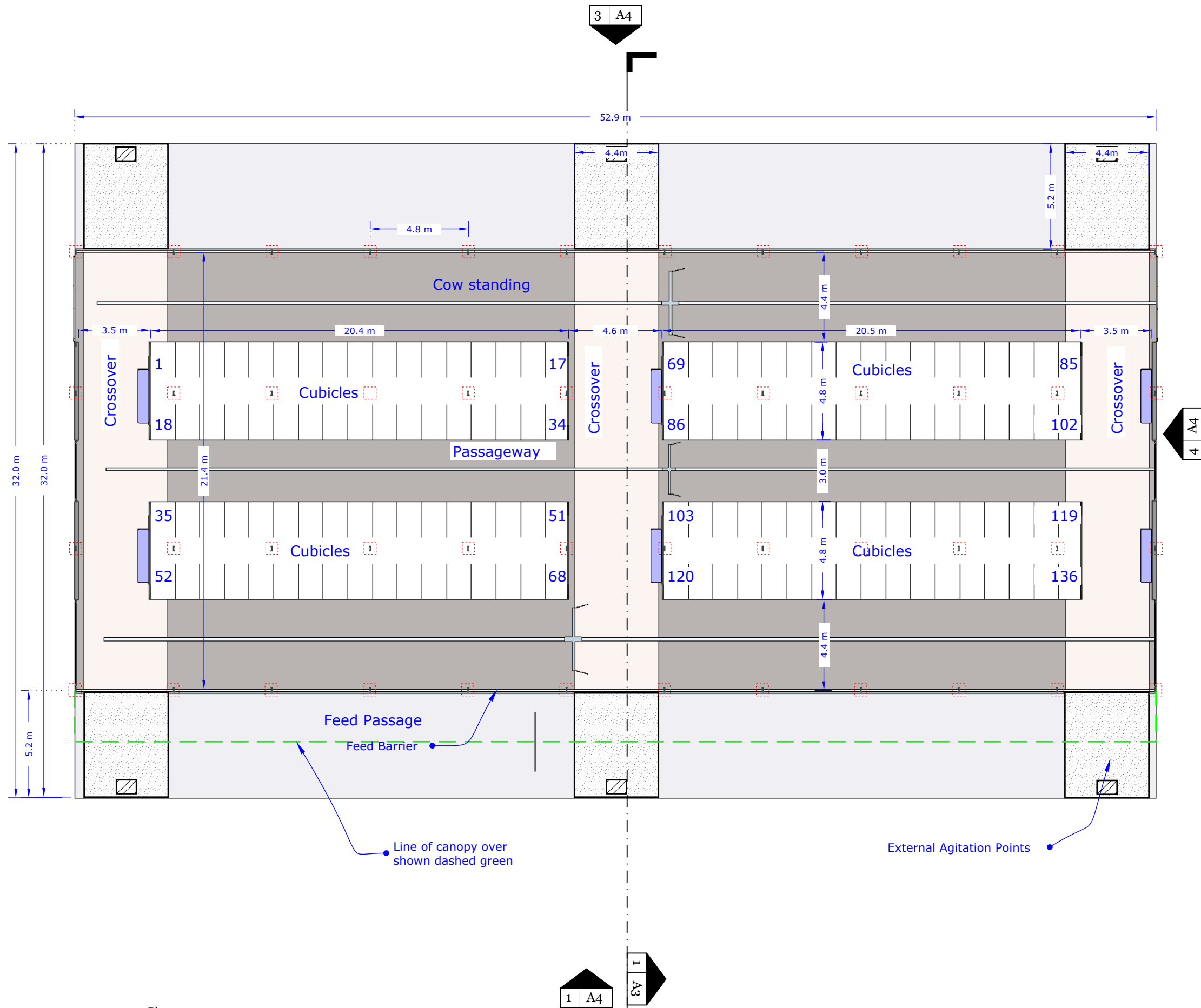




Design Information

Description:	11 Bay cubicle shed, A framed roof, 4 rows of cubicles with external feed passages.
Feed Face:	105.6m suitable for 176 animals @ 600mm /animal for buffer feeding
Cubicles:	136 cubicle spaces
Capacity of tank:	Lenght 32m x 4.1m x 2.7m (net depth 2.5m) deep = 328m ³ x3 tanks = 984m ³
Slurry Storage:	21.9 weeks storage (136 cows)
AES Specification:	Refer to S100, S101, S102, S123, and S129





Plan

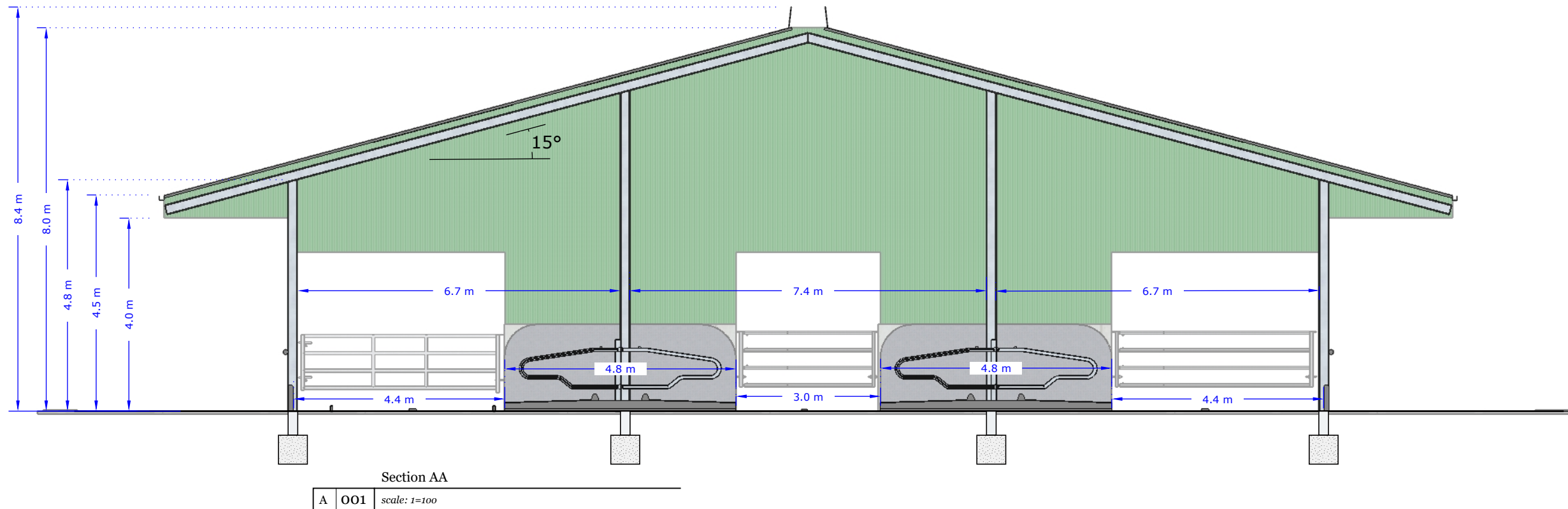
A 001 scale: 1=200



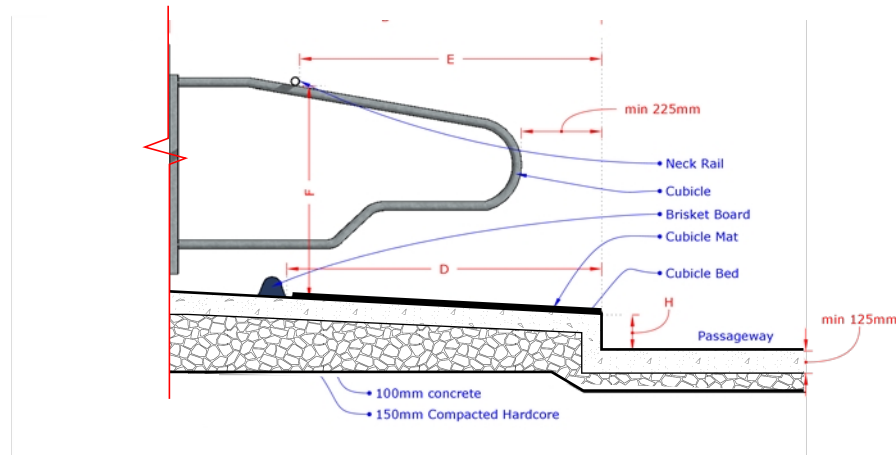
ISSUE
Oct 10, 2022
RE-ISSUE
NA

DRAWN BY
F. Quigley, T. Fallon
 DESCRIPTION
Section

4



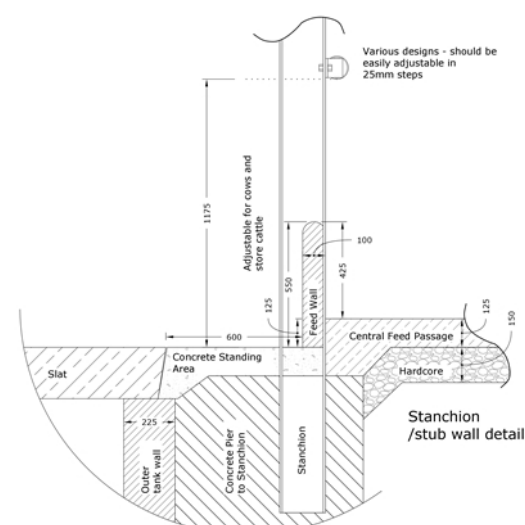
Cubicle Bed Detail



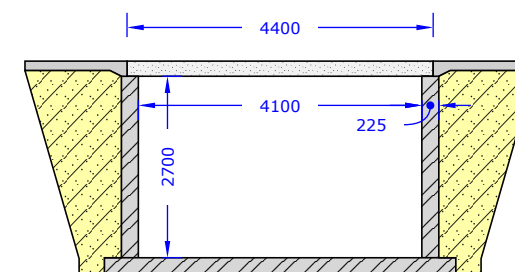
Features and dimensions of cow cubicles

- (A) Cubicle width (centre to centre) 1.15m +/- 0.025
- (B) Total length (rows towards head) 2.3 - 2.6m
- (C) Total length (rows head to head and 2.21 - 2.45m single rows with no front wall)
- (D) Bracket board/pillow from rear kerb 1.75m (if fitted) +/- 0.05m
- (E) Neck rail from rear kerb, 1.70m (measured horizontally) +/- 0.05m
- (F) Height of neck rail 1.15m +/- 0.05
- (G) Cubicle bed slope 5% +/- 1% (min 75mm from head to heel kerb)
- (H) Bedding height above the passageway floor 0.2 - 0.25m

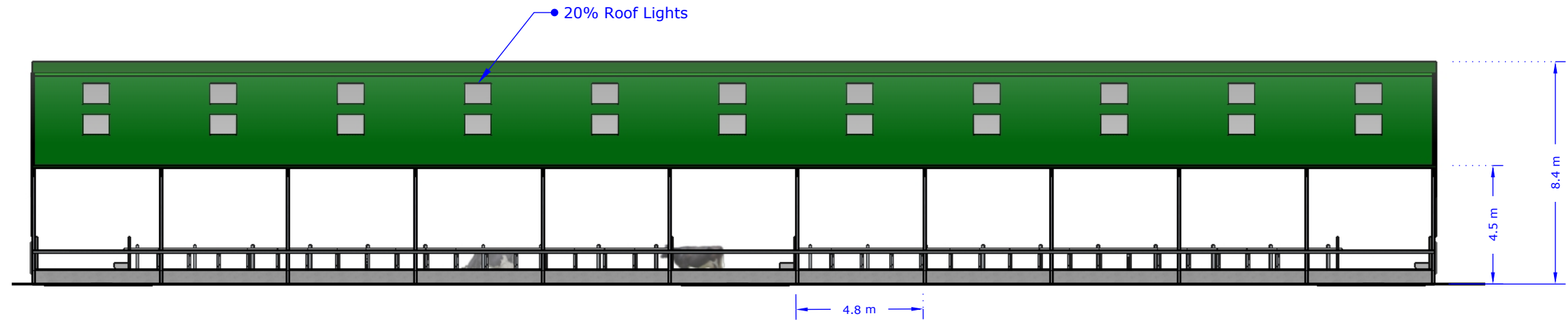
Feed Barrier Detail



Slatted Tank Section



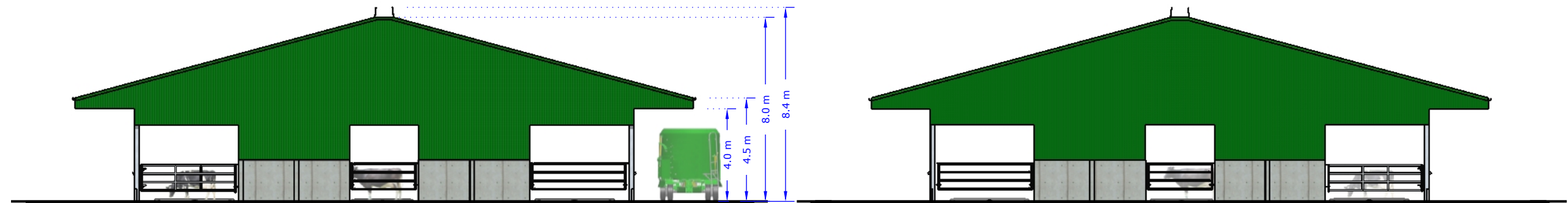
Underground slatted tank
Built in accordance with S123 DAFM



Side View 2

A 001

scale: 1=200



End View 1

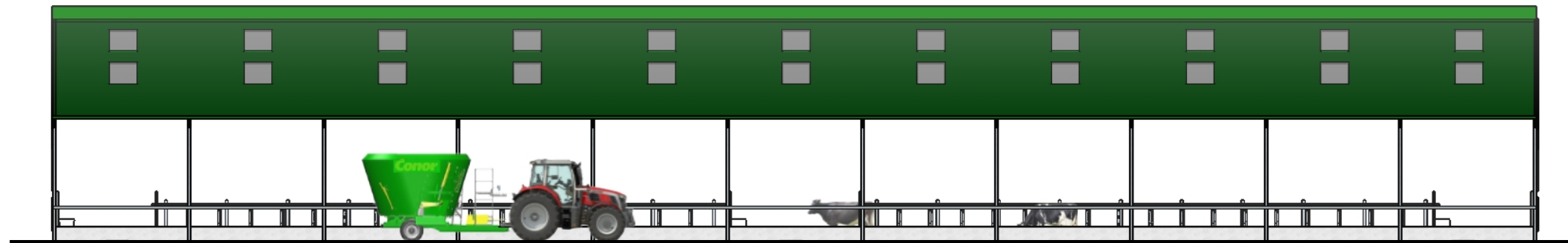
A 002

scale: 1=200

End View 2

A 004

scale: 1=200



Side View 1

A 003

scale: 1=200