

Ref: Erect cattle cubicle building
including underfloor slurry store.
Low Shaw Farm
The Green
Millom LA18.5JD

'Rockland'
Lady Hall
Millom
Cumbria LA18 5HR

Design & Access Statement

29-4-21

The application relates to the erection of a free standing cattle cubicle building to house up to 60 dairy cows, with an underfloor slurry store at one end.

Low Shaw Farm is a dairy farm, plus sheep which are grazed on the salt marsh most of the year.

Presently the dairy herd is "tied up" in traditional byres for 7 months of the year & this is nowadays deemed unacceptable from a husbandry point of view.

The new building will allow for an increase in the dairy herd up to 60, which has been restricted to 43 for many years due to the present housing arrangement.

The proposed building is to be sited 8 metres away from the milking byre for easy movement to & from milking.

The building footprint of $32.0\text{m} \times 20.12\text{m} = 643.84\text{m}^2$, but including a concrete apron, & the projection of the underfloor slurry store. The total area = 689.44m^2

The steel framed, portal roof will be 3.66m to the eaves, & 6.4m to the ridge.

The Roof is proposed as Grey "Big Six" corrugated cement fibre sheet, to match the existing milking byre & General purpose buildings within the same yard.

The lower walls are to be reinforced concrete panels between the stanchions, approx 1.5m high, & the remaining upper side cladding is to be "Yorkshire type" boarding, for ventilation.

Whilst Low Shaw farm is a dairy farm, it is part of a 3 farm unit all family owned / tenanted, which includes beef cattle, & more sheep. & employs 6 people, including applicants.

The underfloor slurry store will be capable of storing 53 days effluent at full capacity, which will be emptied by Slurry spreader as conditions for spreading allow.

As much rainwater is to be harvested as possible, for daily washdown of the milking byre etc. with the overflow going to soakways.

Access to Low Shaw farm is via a hardcore track from Green Road, near the station, partially across the marsh, maintained by the applicants. & will remain unchanged.