EPR/FP3739UW v004

G E Porter and Sons – Barn Farm, Lowfields, Navenby, Lincoln LN5 0LN

**Part C3.5 question 2b**

The new poultry house (House 6) is of identical construction and design to the existing 5 houses. Its construction is a steel portal framed building measuring 97.6 metres (including control room) by 24.5 metres - 2280 m2 gross external area including control room) with a ridge height of 6.3 metres. External cladding is a polyester coated profiled steel sheeting coloured ‘Moorland Green’.

The roof includes 30 ridge mounted ventilation fans, each with an efflux velocity at oir greater than 2m/s.

There are two feed bins servicing the poultry house. These are cylindrical structures measuring 6.5 metres high and 3.0 metres in diameter supported by steel frames mounted on concrete plinths. The silos are integrated with the poultry unit via an auger chute to allow feed to be automatically released into the unit as required

Sept 2022