

Application Number: 23/00770/FUL

Proposal: Erection of roof over existing silage clamp

Location: Roe Farm House Catterall Lane Catterall Preston Lancashire

Climate Change Statement

Energy and CO2 Emissions

1. Energy and CO2 emissions will be reduced through the operation of the development and its services.
- We intend to increase the efficiency of the building by limiting heat loss throughout the structure. This will be achieved by installing quality building insulation and ensuring a high standard of building works is carried out.
 - All internal lighting will use energy efficient fittings.
 - All external lighting will use energy efficient fittings.

Water

2. It is the aim to reduce the consumption of potable water in the development to 120 litres per person per day. This will be achieved through the following:
- Rainwater may be collected and stored for external irrigation uses.

Materials

3. Where possible, materials with a lower environmental impact will be used in any construction works. This will be achieved through the following:
- Responsible sourcing of materials. Where possible, materials will be sourced locally to reduce carbon transport footprints. Any timber will be sourced from sustainable locations.

Surface Water Run Off

4. Surface water will be managed to prevent additional demand on the existing rainwater run off for the area. This will be achieved through the following:
- Rainwater may be collected in butts and reused.
 - External ground surfaces may be permeable to prevent ponding and flooding and allow a controlled discharge of water through the ground.

Waste

5. Waste from the construction phase and occupied phase will be dealt with as follows:
- There is ample space within the site access to place a non-recyclable bin and recycling boxes as provided by the local council.
 - Other waste and construction waste will be recycled and disposed of sensibly.

Pollution

6. Pollutants arising from the installation of insulation will be managed through careful choice of insulating materials and efficient installation.
- NOx emissions can be controlled through the installation of a low NOx boiler system on renewal.

Utilities

7. Water and electricity will be mains sourced.

Management

8. It will be encouraged that the site will be run in an environmentally, socially considerate and accountable manner.
- It will be encouraged that the construction site will reduce environmental impacts such as noise, dust pollution, water use and CO2 production where possible.

Ecology

9. During construction a secure build site will be established to protect as many of the ecological features as possible.