

Sustainable Design and Construction Statement

ESTATE BARN, CONISTON COLD, BD23 4ED

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1.0 Waste and Recycling

The property will utilise the existing waste recycling facilities and collections currently in operation by Craven District Council.

During construction all the principals of a “site waste management plan” will be in place. As the project will be under the £300,000 threshold of a SWMP it is not mandatory for this development.

2.0 Construction and Demolition

The development will create minimal waste, of which most will be sorted and recycled or will be disposed of in a registered construction and demolition landfill.

Construction of the building will be carried out using local labour and materials, therefore a dramatically reduced carbon use.

3.0 Development Ratings

The small scale of the development does not necessitate an EPC certificate or other development ratings.

4.0 Materials

The proposed extension is designed to use similar materials to the existing building. As such the materials proposed are all locally acquired and will be from a sustainable source.

5.0 Energy

The proposed building will meet current building regulation standards under Approved Document Part L.

Due to the small size of the development there is no realistic opportunity for decentralised energy

6.0 Water

The new extension will use the current water supply, safety, sanitation, and water saving requirements under Approved Document part G.

7.0 Pollution

The development will create minimal pollution. Under Approved Document Part H, the drainage systems will be designed to prevent any pollution.

8.0 Biodiversity

The location of the building is in a semi-rural position, and the impact on biodiversity will be no different to the current building form.

9.0 Secure Design

It is not expected that this development will need to meet “secure by design” standards, however some of the principals may be adopted if relevant.



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