

**SUSTAINABILITY & BIODIVERSITY
STATEMENT
PROPOSED SECOND FLOOR REFURBISHMENT
THE SWAN AND ROYAL
26 CASTLE STREET
CLITHEROE
BB7 2BX**

SUSTAINABILITY

The existing property is a Grade II listed building constructed with solid stone walls and slate roof.

The proposal is to refurbish and reform the second floor and replace an existing window and door configuration to the east elevation from the same floor.

The alterations provide an opportunity to provide more insulation into a modern roof space to reduce heat loss from the building.

The new windows and doors will be constructed using timber with double glazing and draught proofing to meet current Building Regulation requirements.

The proposed works and will have construction that includes climate change mitigation measures by improving the conservation of fuel and power of the existing building.

The design will lower the heat loss that occurs from the current fabric. The extension will have insulation levels to current Building Regulation requirements which will reduce heat loss in the property.

All lighting both internally and externally will be LED with external lighting to extinguish automatically when not required.

BIODIVERSITY

High level bird boxes will be provided in two locations on the east gable