

**CHANGE OF USE OF PART OF OUTBUILDING TO ADDITIONAL RESIDENTIAL  
ACCOMMODATION ANCILLARY TO THE EXISTING DWELLING  
FELL CROSS BARN  
CROSS HILL FARM  
OAKENCLOUGH ROAD  
SCORTON  
PR3 1DH**

**CLIMATE CHANGE STATEMENT – August 2023**

Introduction

The climate change statement explains how the development responds to the challenge of climate change through design, usage of resources and assets, water and energy efficiency measures, reuse and recycling during construction and in the selection of materials.

Reducing the energy demand associated with the proposed development.

As the proposals are for the change of use of existing spaces for residential use ancillary to the existing dwelling the increase in energy demand will not be significant.

The conversion will have a high level of wall, floor and roof insulation in excess of current Building Regulation requirements to ensure a high standard of fabric performance is achieved.

Limiting the carbon consumed through the implementation and construction processes.

The carbon footprint is not significant as the proposal involves the conversion of existing spaces within the existing outbuilding.

Utilisation of renewable or low carbon energy sources.

The applicant will consider the inclusion of renewable and low carbon energy sources such as solar photovoltaic panels for electricity generation and to heat hot water and a log burning stove for supplementary, intermittent heating.

Ensuring the building design and layout has been optimised for energy efficiency and to minimise heat stress.

As the proposal involves the conversion of existing spaces the design and layout are effectively pre-determined. However rooflights are proposed to the west and east facing roof slopes which will allow for a good level of natural light throughout the day and will allow a cross flow of natural ventilation to help minimise heat stress.

Minimise the need to travel.

Part of the proposal is to convert part of the ground floor of the existing outbuilding to a study/home office to allow working from home.

Reducing potential impacts of flooding associated with the proposed development.

There are no flooding impacts associated with the proposals.

Minimise water use associated with the proposed development and ensuring the sustainable management of water.

Water efficient fittings and appliances will be used in the ensuite in accordance with the Building Regulations.

Consideration will be given to providing a simple, low cost, above ground rainwater capture system. The downpipes to the south gable could have a downpipe filter connecting to an adjacent water-but style storage tank incorporating a submersible pump. This grey water would be re-used for gardening, car washing, etc.

Ensure that biodiversity, green infrastructure and landscaping proposals are designed in a way that is resilient to climate change impacts now and in the future.

As a change of use and conversion of the existing outbuilding there are no landscape proposals and the existing landscaping is unaffected.

Reducing air pollution associated with the proposed development.

As the proposals are for the change of use of existing spaces for residential use ancillary to the existing dwelling there is no significant generation of air pollution associated with the development.