

Climate Change Statement

Part 1: Applicant Details

Applicant Name	Ms Jax Connor
Site Address	59 Westcliffe Road, Cleckheaton, West Yorkshire, BD19 3EP
Description of Development	Planning Permission: Rationalisation and Construction of Proposed Rear Out-Building

Part 2: Climate Change Mitigation Measures

What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations?

The proposed development has been designed with a fabric-first approach to maximise thermal efficiency and reduce energy demand. The proposal includes modern insulated wall, roof and floor construction together with high-performance double glazed windows and doors. The proposal incorporates large glazed openings and roof lantern features to maximise natural daylight and reduce reliance on artificial lighting during daytime hours. Energy efficient LED lighting is proposed throughout the development where practicable.

What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes?

The proposal seeks to retain and rationalise elements of the existing outbuilding arrangement where possible, reducing unnecessary demolition and waste generation. Materials are intended to be sourced locally where reasonably practicable to minimise transportation impacts. Waste generated during construction will be segregated and responsibly disposed of or recycled where appropriate.

What measures have been/will be taken to utilise renewable or low carbon energy sources?

Whilst no specific renewable technologies are proposed at this stage, the proposal has been designed to allow future adaptability for low carbon technologies should the applicant wish to introduce these in the future.

What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond minimum requirements?

The building orientation and layout have been designed to maximise natural daylighting and reduce dependence on artificial lighting. Modern insulated construction methods will improve overall thermal performance and energy efficiency beyond minimum standards.

What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development?

The proposal relates to a relatively small-scale domestic development within an existing residential curtilage and is not located within an identified high flood risk area. Existing drainage arrangements are to remain generally as existing.

What measures have been/will be taken to reduce water stress associated with your proposed development?

The development will incorporate modern water efficient fittings and appliances where practicable in accordance with Building Regulations requirements. Existing soft landscaped areas are largely retained to assist with natural drainage and water absorption.

What measures have been/will be taken to provide biodiversity net gains?

The proposal retains the majority of the existing garden and landscaped areas surrounding the site. Existing vegetation and natural screening are generally retained, with only minor pruning works proposed where necessary.

What measures have been/will be taken to reduce air pollution associated with your proposed development?

The proposal is domestic in scale and is not anticipated to generate significant additional traffic movements or air quality impacts. Contractors will be expected to follow good practice measures relating to dust suppression and waste management during construction.