

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Luke Limbert
Site Address	29 The Ghyll, Fixby, Huddersfield, HD2 2FE
Description of Development	First Floor Extensions above existing single storey extensions & first floor balcony

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:
Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)
We will adopt a 'fabric-first' approach, utilizing high-performance insulation in the new walls and roof that exceeds current building regulations. High-specification double or triple glazing will be installed to minimize heat loss and reduce the need for active heating.
Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)
The nature of the works require minimal demolition works involving roof profiles with no "carbon heavy" elements such as concrete being disturbed. Materials will be sourced locally where possible to minimize transport emissions. We will prioritize FSC-certified timber and implement a waste management plan to ensure a high percentage of construction byproduct is recycled or diverted from landfills.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The extension will be fitted with 100% high-efficiency LED lighting and smart heating
Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)
The proposals provide each room with manual ventilation to provide cooling without electricity. Window placement has been designed where feasible to maximize natural daylight, reducing the reliance on artificial lighting during daytime hours.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
As the proposal is first-floor extensions, it creates no additional ground footprint or increase in impermeable surfaces. The existing water butts on the property will be re-instated on new downpipes to attenuate rainwater runoff during heavy storms.
Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)
The new works will utilize water-efficient fixtures, including dual-flush toilets and aerated low-flow taps. We aim to limit water usage to 110 liters per person per day through these water-saving technologies.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
As the works are situated entirely above the existing ground floor element, no ground-level habitat will be lost during construction. To provide a net gain for local wildlife, we will install a dedicated bat or bird box onto the new external masonry.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
We will prioritize the use of low-VOC (Volatile Organic Compound) paints, adhesives, and finishes throughout the build to protect both indoor and outdoor air quality and reduce chemical emissions.