

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Jonathan Lendon
Site Address	43 Arthur Street Golcar, Huddersfield HD7 4DF
Description of Development	2 Dormers to front of property

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)
The proposed dormer extensions have been designed to improve the overall thermal performance of the existing roof by incorporating high-performance insulation within the new roof, walls and floor construction. New windows will be double or triple glazed with low-emissivity glass and thermally broken frames to minimise heat loss. Careful detailing will be used to reduce thermal bridging and improve airtightness around the new construction. Energy-efficient LED lighting will be installed within the new accommodation, reducing electricity consumption throughout the lifetime of the development.
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)
Where practicable, existing roofing materials removed during construction will be reused or recycled. Construction waste will be separated on site to maximise recycling and minimise landfill disposal. Materials will be sourced from local suppliers wherever possible to reduce transportation emissions and support local businesses. The construction contractor will seek to minimise deliveries through careful ordering and efficient scheduling, reducing vehicle movements and associated emissions. Timber products will be obtained from sustainably managed sources certified through recognised schemes such as FSC or PEFC where available.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Whilst the proposal does not include renewable energy technologies as part of the current application, the roof alterations will not prevent the future installation of photovoltaic (solar) panels should the homeowner wish to install them. The improved insulation standards and energy-efficient construction will reduce overall energy demand, making any future renewable energy installation more effective.
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 dormers have been designed to maximise usable internal space whilst limiting heat loss through compact construction. High-performance glazing will maximise natural daylight, reducing the need for artificial lighting during daylight hours. The new construction will be designed to achieve excellent levels of insulation and airtightness, with careful detailing around junctions to minimise cold bridging. The development makes efficient use of the existing building without increasing its footprint, representing a sustainable use of land and existing infrastructure.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The proposal consists solely of roof alterations and does not increase the building footprint or introduce significant additional impermeable surfaces. Existing roof drainage will continue to discharge via the established drainage system. As there is no increase in ground coverage, the development is not expected to increase surface water runoff or flood risk either on-site or elsewhere. Construction activities will include appropriate site management to prevent pollution entering surface water drainage systems.
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 proposal will incorporate modern water-efficient sanitary fittings where new facilities are provided, including dual-flush WC cisterns and low-flow taps where applicable. Good construction practices will be adopted to minimise water use during construction, and any replacement plumbing will be designed to minimise leakage. As the proposal is an alteration to an existing dwelling, water demand is expected to remain largely unchanged.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
As the proposal relates solely to roof dormer extensions on an existing residential property, there is no loss of habitat, trees or landscaped areas. The development therefore has negligible ecological impact. Should opportunities arise during construction, biodiversity enhancements such as integrated bird nesting boxes or bat boxes may be incorporated where appropriate without affecting the character of the property.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Construction activities will be managed to minimise dust through good site practices, including damping down materials during dry conditions where necessary and covering waste materials during transportation. Vehicle movements will be kept to a minimum through efficient scheduling of deliveries. The completed development will benefit from improved thermal efficiency, reducing energy consumption and associated emissions from domestic heating over the lifetime of the building. Overall, the proposal represents a modest, sustainable extension to an existing dwelling with minimal impact on local air quality.

