Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Haydon Bottomley (Agent for Mr. Lee Toshack)
Site Address	43 Black Rock Drive, Linthwaite, Huddersfield, Kirklees, HD7 5ZA
Description of Development	Erection of dormer to rear pitch and addition of 3 roof lights to the front pitch

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 and roof lights will include high-performance insulation materials that exceed minimum Building Regulations standards. Energy-efficient glazing will be used for all new windows and roof lights to minimize heat loss and reduce energy demand.
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 scheme will prioritize low-embodied carbon materials, reuse existing roofing materials where viable, and source new materials locally to reduce transport emissions. Off-site prefabrication methods may be used to minimize site waste, and all waste management will follow the waste hierarchy as required by LP43. Provisions will be made for recycling and composting during occupancy, contributing to sustainable construction goals
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Although the scale of the development limits extensive renewable systems, the roof structure will accommodate future integration of solar photovoltaic (PV) panels. These would be ideally placed on south-facing roof slopes and supported by wiring and fixing infrastructure now to streamline future installation, in line with Policy LP26 recommendations

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 dormer design includes thermally efficient materials with enhanced insulation and double-glazed roof windows to reduce heat loss. Building orientation and layout will enhance natural lighting and cross ventilation. The use of roofing materials compatible with future PV panels supports long-term sustainability. Thermal mass principles (e.g., tiled interiors) and light-coloured facias will help manage solar gain, as advised in LP24

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

While not in a flood risk zone, the development will use permeable materials for any external hard landscaping and ensure rainwater runoff is managed via existing drainage systems. Opportunities to enhance green infrastructure through planting (e.g., a green border or small rain garden) will also be considered to aid surface water absorption, contributing to the aims of LP28

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)

Low-flow water fixtures such as aerated taps and dual-flush toilets will be specified. Water-efficient appliances and potential for simple rainwater harvesting (e.g., water butts for garden use) will support reduced mains water demand. Landscaping will utilize drought-resistant species and mulch to reduce irrigation needs, in line with LP34 guidance

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

Though not formally required for householder applications, biodiversity enhancement will be achieved through planting native, pollinator-friendly species in garden beds and integrating features such as bird/bat boxes or a green roof over the dormer, subject to feasibility. These contribute positively to the local ecosystem and align with the spirit of LP30

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

To minimize emissions, local sourcing of materials will be emphasized, and the use of modern, low-emission tools and machinery during construction will be encouraged. Although not a major development, the site layout and future consideration for electric vehicle charging capability will be promoted to support LP51 air quality goals