Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	AlamPlans (Agent)
Site Address	291a Old Wakefield Road, Moldgreen, Huddersfield, HD5 8AG
Description of Development	Conversion of the existing first-floor dwelling and loft to form 3 self-contained flats, including rear dormer/rooflights, three private rear entrances/access stairs and associated external alterations.

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)
A fabric-first approach will be used. Existing building fabric will be retained and upgraded where required, with improved roof/loft and new-element insulation and high-performance replacement/new windows and rooflights. Low-energy LED lighting, efficient heating/hot-water controls, individual temperature control and smart/individual energy metering will be used where practicable. Energy-efficient appliances will be encouraged or installed where supplied.
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 proposal mainly converts and reuses the existing building rather than demolishing and rebuilding, retaining the main walls, floors and roof structure where structurally practicable. Existing stone, brick, slate and other sound materials will be reused where possible. New materials will be durable and sourced locally where practicable. Construction waste will be separated and managed in accordance with the waste hierarchy, with recycling and reuse prioritised.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

This is a small conversion of an existing terraced building and no dedicated renewable installation is proposed at planning stage. The scheme therefore prioritises reducing energy demand through a fabric-first approach. Low-carbon heating/hot-water options and the feasibility of future solar PV will be considered at detailed Building Regulations design stage, subject to technical, structural and roof-layout constraints.

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 layout makes efficient use of the existing building and places principal habitable rooms at external walls with direct windows or rooflights, maximising natural daylight and opportunities for natural ventilation. The loft conversion will incorporate upgraded roof insulation and well-insulated dormer construction. New windows/rooflights will be energy efficient and draught resistant. Low-energy lighting and controllable heating will further reduce operational energy demand.

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

The site is already developed and the proposal is predominantly an internal conversion with roof alterations, so there will be no material increase in impermeable site area or surface-water runoff. Existing drainage arrangements will be retained where suitable, with new roof drainage connected to the lawful system. Runoff will not be directed onto neighbouring land. Any replacement external surfacing will use permeable construction where reasonably practicable.

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)

Water use will be reduced through water-efficient sanitary fittings, including dual-flush WCs, low-flow taps and efficient showers. Water-efficient washing machines/dishwashers will be encouraged where appliances are provided. Individual water metering will be used where practicable to encourage responsible consumption. Existing drainage and water infrastructure will be reused as far as practicable, avoiding unnecessary new works.

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

The proposal is mainly within an existing building and does not require significant loss of existing habitat or landscaping. A proportionate biodiversity enhancement will nevertheless be provided, such as an integrated bird or bat nesting/roosting feature in a suitable high-level rear/roof location. The precise type and position will be confirmed through the Species Enhancement Statement and installed to an appropriate specification.

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

The development creates residential accommodation within an existing urban building and introduces no industrial or commercial emissions. Retaining and converting the existing structure reduces demolition, construction traffic and material transport. Materials and contractors will be sourced locally where practicable. Energy-efficient, low-emission heating/ventilation systems will be selected at detailed design stage, and residents can use established local walking, cycling and public-transport links.