

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Adris Hussain / AlamPlans (Agent)
Site Address	59 Alandale Road, Bradley, Huddersfield, HD2 1SB
Description of Development	Proposed two-storey side extension and single-storey rear extension with lean-to roof.

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 extension will be designed to minimise energy demand through high levels of insulation, good airtightness, energy-efficient glazing and LED lighting. Where practicable, the fabric specification will target thermal performance better than the minimum Building Regulations requirements. Rooflights and appropriately positioned windows will maximise useful natural daylight and reduce reliance on artificial lighting.
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 retains and extends the existing dwelling rather than replacing it, conserving the embodied carbon already within the building. Existing materials will be reused where suitable, and new materials will be sourced locally where practicable. Construction waste will be separated for reuse/recycling, deliveries coordinated to reduce unnecessary journeys, and only the minimum required demolition will be undertaken.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

No dedicated renewable-energy installation forms part of this small householder proposal. The design will nevertheless use low-energy lighting and an energy-efficient building fabric, and the proposed roof form will not prejudice the future installation of solar PV or other low-carbon technologies should the homeowner wish to introduce them.

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 extension has been arranged to make efficient use of the existing house and avoid unnecessary new floorspace. New windows, rear doors and rooflights provide good natural daylight and ventilation. The external walls, roof, floor and glazing will be specified for high thermal performance, with careful detailing at junctions to limit thermal bridging and uncontrolled air leakage. Energy-efficient lighting and controls will be used throughout the new accommodation.

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

The proposal is a modest extension within an existing residential curtilage and does not introduce a large new area of hardstanding. Roof water from the extensions will be directed to an appropriate lawful drainage system, with infiltration/soakaway solutions considered where ground conditions and Building Regulations permit. Existing permeable garden areas and boundary planting will be retained as far as 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-efficient fittings will be specified within the new bathroom, including low-flow taps/shower fittings and a dual-flush WC where applicable. A water butt or similar rainwater collection measure can be provided for garden use. Existing soft-landscaped garden areas will be retained as far as practicable to assist natural infiltration and reduce unnecessary surface-water runoff.

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

Existing boundary hedging and garden vegetation will be retained wherever practicable. The scheme provides opportunities for biodiversity enhancement through additional native/nectar-rich planting and the installation of a suitable bird or bat box on the dwelling or within the garden. Any new planting will favour species beneficial to local wildlife and pollinators.

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

The proposal remains a single dwelling and will not materially increase traffic or vehicle movements once occupied. During construction, deliveries will be coordinated, engines will not be left idling unnecessarily, and appropriate dust-control and waste-management measures will be used. Local sourcing of materials where practicable will also help to reduce transport-related emissions.